



NEW ZEALAND DX TIME

INSIDE: 4 page
41m Survey!

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HELP WANTED

Radio Rhema (the Gospel Radio Fellowship) wish to borrow, for up to 28 days, an aerial tower of 60 feet height that would be suitable as a transmitting tower for their proposed broadcasts in mid-August from Mangere, Auckland. (More details in Pacific Asian Report) Any League member who thinks that they might be able to help is asked to contact John McNeill, Station Manager of Radio Rhema, P.O.Box 2420, Christchurch, as soon as possible. Replies from the Auckland area are especially desired, but if nothing is suitable, a mast from Wellington will be transported to Auckland. Can you assist? Incidentally, Radio Rhema are showing an audio-visual presentation throughout NZ which features calls made to NZRDYL members in last year's broadcast from Christchurch, together with requests for DX reports, and shows some QSL cards. Our thanks for the publicity!

MUSICA

Enjoy the music of South America? LA-DX enthusiast Chris Davis recommends to us 'Dorita y Pepe', a 30 minute BBC programme of Latin music which recently resumed in the World Service. You can hear it on Tuesdays at 0830 and on Saturdays at 1930 (irregular).

BIGGER WRTVH

The 1976 World Radio & Television Handbook is expected to have 100 extra pages, being the best articles from the now-cancelled 1975 edition of "How to Listen to the World".

CONGRATULATIONS

...to Garry Butler of Wellington on verifying the elusive Radio Sanaa in the Yemen Arab Republic. Garry's QSL is the first received by a League member and as far as we can determine, only a handful of DXers has ever received an acknowledgement from this Middle Eastern country. A QSL form letter in English with all details was signed by Hussein Nunu, Technical Director. We commend Garry, a relative newcomer to DXing, on his success! Congratulations too, to Canterbury Branch members Lance & Gay Johnston on the birth of their daughter. Young Rachel Anne Johnston has been made an honorary member of the Branch!

CLOSING DATE FOR NEXT ISSUE: WEDNESDAY 6 AUGUST.
PLEASE SEND DETAILS OF YOUR DX, QSL's, LADDER
TOTALS TO BOX 2956, WELLINGTON, NEW ZEALAND.

FROM THE BRANCHES

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SOUTHLAND The June meeting was held at Neville Henry's with 12 present, and Vice-president Lindsay Robinson in the chair. Discussion topics included a grant from the Invercargill Licensing Trust towards the Tiwai Listening Post, the success of the Progressive Dinner and the recent window display. Much interesting DX was reported from listening at Tiwai. Competition Results: EC to Neville Henry K10Y 850, merit award to Eric McIntosh Lodz 1367. SW to Ray Crawford with Sahara 11805 and Wyn Machon Radio Capital 4832.

WELLINGTON 12 members met at Radio Windy's studios for the 29 June meeting, including newcomer Eddie Paaymans. After DX chat and formal business, a tour of the studios was enjoyed by all. The next meeting will be at Dene Lynnebergs, 8 John Street, Titahi Bay on Sunday 27 July at 1430hrs. Main feature will be a listen-in to the Lynneberg DX Archives. Competition Results: SW Over 9 to Paul Edwards & Roger Paaymans, Radio RSA 11900. Under 9 to Paul Edwards Chad 4904.5. CCB to Paul Rawdon with XERF 1570 and 5LN.

AUCKLAND The response to invitations to reform the Auckland Branch of the League attracted only three inquiries, so it would appear that reforming the group is impossible at this time. Barry Williams will shortly invite interested members to an afternoon at his home, to discuss the hobby.

Branch Secretaries, please note: Address for exchange of branch newsletters with North Otago branch - Paul Ormandy, 33 Stour Street, Oamaru.



FROM THE BOX 2956 MAILBAG.

CAR STICKER COMPETITION Don't forget that entries in this contest close at Box 1313, Invercargill on 31 August. Details appeared on page 2 of last month's Times.

ANOTHER DXCURSION? Your editor has observed some correspondence activity which would indicate the possibility of the next DXCURSION venturing into South America in 1977!

P.R.O VISITS NORTH The League's Public Relations Officer Arthur Cushen travelled North during May, meeting Christchurch members at Bob Boundy's, visiting the Times Editor & Publisher in Wellington, and speaking with Auckland DXers by phone. Visits were also made to Radio Avon, Radio Windy, Radio I, the NZ Listener and the External Services Division of Radio New Zealand.

COMMONWEALTH REPLY COUPONS are NOT accepted by the following Commonwealth countries, according to details from the NZFO dated April 1975 - Australia, Papua-New Guinea, Fiji, Cook Islands, Niue, Canada, Bermuda, India, Pakistan, Singapore, Sri Lanka, Nigeria, Kenya, Tanzania, Uganda and Zambia.

DX QUOTE OF THE MONTH Former radical American Black Panther leader Eldridge Cleaver, presently lives in exile in Paris. According to Newsweek 17/3/75, his prize possession is a shortwave radio he uses daily to tune in to news from America. "If it came down to a choice between a woman and a radio", he remarked, "I'd choose the radio. It brings the outside world in".

DOWN UNDER DX CIRCLE, c/- David Foster, 17 Stevenson St., Kew, Victoria 3101, Australia is a small group of specialist DXers with special interest in Asian DX, out-of-band broadcasters, and the tropical bands. First copy of the Down Under DX Survey appeared in April - 12 foolscap pages packed with specialised DX. Issue number 2 will shortly be produced, with highlights including a summary of the broadcasting scene in Indo-China, a survey covering 5000kHz to 5950kHz, a list of Asian QSLs received in the past year, plus general DX news from Asia. Details of the group and a sample of the 'Survey' are available to interested DXers for 2 IRCs.

41 METRE BAND SURVEY. Our thanks to Barry Williams, and those who assisted with contributions, for a comprehensive listing of what can be heard in this band. Before considering future projects of this type we would like to hear whether you found the results useful. Let's hear from you!

BROADCAST DX 3

with Bryan Clark

The good DX has moved south this month, if the efforts of Southland members are any guide. The Branch DX site at Tiwai Point is really proving its worth with some very impressive catches from Latin America.

+ Back on the air is Abie Nathan's Voice of Peace, with the shipborne transmitter somewhere in the Mediterranean. An SADX member reports reception on 1540kHz with English pop music programmes at 1830. We understand well known and itinerant DJ Keith Ashton (a League member too) is aboard. The station's 1973 broadcasts were heard in New Zealand and a lucky few received an attractive QSL.

+ Our South Australian friends report a good catch in AFRTS Diego Garcia on 14.75 khz. This tiny British possession in the Indian Ocean boasts a 250 watt transmitter, which has provided semi-regular reception in Adelaide in recent weeks between 1300 and 2100 GMT. Congratulations to John Pickering on his QSL. Any chance here Robin?

+ John Logged Diego Garcia on his Barlow Wadley XCR30, assisted by an FET preselector (Electronics Australia May 1969) and a one metre square loop. This certainly challenges the commonly accepted view that the XCR30 is a poor performer on the MW bands, and your editor has been similarly experimenting with the assistance of a Worcester SM2 Space Magnet, one metre loop and Nigel Robins booster. My XCR30 has pulled in Radio Paradise 1265, WVUV VTW WXLE and PJB to date.

+ In South Africa, SADX member David Hotchkiss, a BSc (Eng) has designed a directional 'Active Ferrite Rod Antenna' for use with the receiver to boost its MW performance. The unit will sell for 15 Rand (approx NZ\$13-65) and further details are available from 'Active Antenna' P.O. Box 54 Gillitts 3603, Natal, South Africa.

+ David Ricquish queries a religious broadcaster around midnight (1200 GMT) on 940 khz. He's eliminated the three Aussies and KFRE, and doubts that it is KAHU. Any ideas?

+ See Pacific Asian Report for some interesting Australian and New Zealand BC News.

MERV BRANKS, Invercargill leads off this month with reports to 4WK DXXX 5RM and 4QS. Veries in from KICY 4XU 4XT 2YM Wewak and 2JJ

DAVID RICQUISH, Christchurch has QSL's in from 4NApe CKAY

NEVILLE HENRY, Invercargill has logged KICY XERF Fantasia 1550 La Cronica 1320 HJKC 850 HJDK 750 ZNS1 Calidad 1230

PAUL ORMANDY, Oamaru has logged 2YW LS11 XEPOP Stara Zagora 1223 with QSL's in from 2GL NR NU KP 4XD 3LO Fiji 560 710. Radio New Zealand is P.O. Box 2092. XEPOP in Pueblo Mexico is brand new - no further address yet known. LS11 Radio Provincia de Buenos Aires, Calle 10 y Ave 53, La Plata, Buenos Aires. Your 1120 station is WVUV not 2AP.

ARTHUR CUSHEN, Invercargill has report -ed 4AK 3ZZ Johore Bahru 1220 HJON HJCV HJOG TIJC 675 HJZD 1020 HJAD 1330 Victoria 1330. One QSL from 4AK.

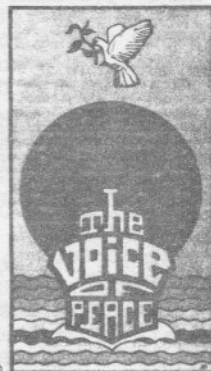
PAUL ARONSEN, Invercargill has logged WALE and Margarita 1020. Veries in from KOMO KOB CJVI GKNW.

ROBIN CHAMBERS, Opunake has them out to 5SE HJKC Labasa 670 4QD 3ZZ and Tehran. Veries in from Malaysia 885 and Iraq 1038. Will write Robin.

STEVEN GREENYER, Invercargill has also been logging at Tiwai and has reaped reports to HCFA2 540 HJEL 620 HJDK 750 YVRS 1020 HJLK 1230 OAX4I 1320 CB138 1380 ZNS1. Veries in from Nuie 620 Fiji 1470 DXDL 1YW 1143. Hope we can drag a few Latins back to Wellington.

PAUL RAWDON, Lower Hutt has out this month - 2NC BL CY WN BA FC 3WV LO 4QL WLAG. Back from - 2AY NA KP CL XERF. (2AY card printed in Wellington!)

RAY CRAWFORD, Invercargill has reports off to 4WK 960 5UV 8TC 680 JOLB JOIR Cristal Panama 1320 R. YA 1470 HJOG 1300 Monumental 1275 Miramar 1270 HJLK 1230 HJAD 1330 HJNL 1450 XEKM 1020 Sonora 675 YVRX 1110. Veries in from Turkey 890 3ZZ 4AK JOAP JOJG JOQG. Syria 665 and 957 after 26 months. Guess who's envious now!



PHILIP BROOKS, Wanganui has reports out to 2ZH 2ZG Fiji 560 1XX 2GB 1ZH 3ZA 1ZT 2ZP with QSL's in from KFBK 3NE 2AY 2GZ KNX and ZK2ZN. Little DX here - plenty of concrete being poured though!

OWEN BARRIBALL, New Plymouth has QSL's in from 4YQ 1YW 9PA 4IM 2WN 2HD 4GN 2JJ (test) Bonaire, Cyprus 1322 AFNT 1570 HLDA Osaka 1310 JOER 1350 Rhodes 1259 FEN 810 1580 Moscow 1250. Owen is moving to NSW in August - bon voyage - they've some great DX guys over there!

SUTTON BURTENSCHAW, Invercargill has logged 7SD (5th try) 4AK WK Burma 955 8TC HJCV HJOG Miramar 1270 HJNW 1170 YVRS 1020 XEPOP 1490. Logs at Tiwai KEAX 1270 XEUR 1530 HJLK 1230 HJAD 1330 HJZD 1020 TIJC 675 HON26 1320 tentative, Victoria 1300. Veries in from 4AK BBC Cyprus 1322.

BRIAN OLIVER, Wellington has a spate of Australasians out this month to 2AD BL DU GB GL GZ KM KO KP KY MG NC NZ 3AW BA DB HA LO SH UL 4BC GY IG QG RO 5PI 7LA 7SD EL Thailand 1580. Veries in from 2BL GL GZ KP KY NC 3BA SH LO 4BC QG.

GORDON HUTCHISON, Kaiaipoi has QSL's from 4YZ and 1XI. Send your ABC reports to the appropriate State capital - addresses in the WRTVH under heading 'Domestic Shortwave Service' apply.

DES DAVEY, Te Kuiti has reports out to XERF 2WL and Noumea 670.

BRUCE CAVANAGH, Invercargill has logged 5DN 2NZ Pyongyang 655 Malaysia. Lone verie 2YB.

JACK FARROW, Lower Hutt has QSL's from 1ZK XI XW 2XW 3ZM.

CECIL SYMMES, Wellington noted Fiji 560 while visiting Tongariro - getting the BCB bug Cecil?

JIM BENZONI, Hamilton makes a welcome return to the Times with logs 1XA XI XX XW 2XW 3ZA XA 4XO Noumea 670. Veries - 1XX XW 3ZA 4XO.

BOB MUTTON, Te Puke has QSL'd 4QR 3NE 2AY 2WL and reported 2JJ and Windy. Please put SW and MW on separate pieces of paper. See comments P.3 re Barlow Wadley.

BRYAN CLARK, Wellington has reports off to YNX 750 4YQ America 1010 ZNS1 (4th) TIJC Sonora 675.

4 PHILIP GARDEN, Mosgiel has reports out to WLW KDAY KEX KSL 4XT 4YQ Fiji 560 YNX 750. Veries back from CMW 590 WVUW Nice 1554 4XT 4YQ Fiji 560 KSL. Good selection Philip!

HANK WILKINSON, California advises a prompt QSL from Radio America OAX4U 1010. Reports out include HJOV, Malay-sia 885. Hank was thrilled to hear 2YC 4YZ 4ZA and 1YC at good volume on 9 June - a very exciting morning's DX Hank!

NEXT MONTH: A Wellingtonian visits Radio America - last month - impressions; reactions!

ROBERT SCOTT, Te Aroha. Thanks for your interesting letter and news of the Africans - you might find similar reception in mid September. The Mozambique turned out to be an Italian. Quazvin 557 is now believed to be at least 1000kw.

JOHN PICKERING, South Australia has logged RRI Surabaya 1385 DWEE 1380 and QSL'd AFRFS Diego Garcia. First class John.

CHRIS MARTIN, South Australia, shortly to experience some Kiwi DX as well as moving back to Sydney, has reported Sangli 1250 Amman 800 6VA Diego Garcia Port Blair 1440 Jakarta 1335 Weeraketiya 603 Mbabane 1376 Brazzaville 1475. QSL's in from Dushanbe 1295 BCG Masirah 1410 VOA Kavala 791 Wewak 1520 (14 months) Lusaka 818 (country 106).

PAMELA SUTTON, Oamaru has QSL's from 3WV 4QY. Reported: 4QS and 4QY.

BROADCAST TRAIL

EVENING

670	Noumea in FF at 0100 poor	BC
675	Sonora TIJC good with numerous ID's 0606 12/6 *EL Sondra desde Costa Rica.	RGR
700	WLW poor with ident 0817	PG
750	YNX Estacion Equis (X) 0517-0603 s/off 7/6 (BC) Poor with ident 0722	PG
765	Unid SS Radio Maresleis or similar 0545	RC
800	PJB 0915 thru local 2YB	BC
825	Unid SS fair 0455-0500	RC
834	Presumed Belize weak ann 0450	RG
844	VTW wx and shipping nx 0920	BC
1020	Radio Pazenu Colombia good 0545	RGR
1110	Radio Mia YVRX mxd KFAB 0515	RGR

1170 KOHO fair in JJ 0546 BC 5
 1190 KEX good ID 0828 PG
 Radio Surcos cuba mx Cordillera
 0630 RGR
 1220 3ZZ good from 0955, Gzech 1002
 1230 Calidad, Colombia good 0530 RGR
 1240 Unid Latin under 1XX 0547 11/6 BC
 1260 CFRN nx and all nighter show 0600
 1270 Radio Miramar & La Voz de Cart-
 -agena ID's 0530 RCR
 LS11 ID's 'Radio Provincia' and
 'Numero Once' 0510 PO
 KNDI strong with JJ songs 0544
 1275 Radio Monumental and Radio
 Emmaus ID's 0530 RCR
 1300 HJOG off 0500 with another
 Colombian RCR
 1320 La Cronica concludes 'Noticias'
 0455 good BC
 Radio Cristal, Panama atop
 OAX4I 0400 RCR
 1330 XEBO & HJAD mxd 0420-0600 RGR
 FF announcements, anthem &
 off 0455. Haiti? RCR
 Unid ss s/off 0501 mentioned
 Guatemala 7/6 BC
 1335 Weak unid Latin 0507 22/6 BC
 1450 TGIC/HJNL/XEKM all mixed 0450
 to 0600 RCR
 1470 XESM mixed Radio Ya, Colombia
 0400 RCR
 1490 XEPOP good with ident 0525 PO
 1510 WLAC poor with 2NA 0940 PR
 1520 Latin hetting with 12U 0600 11/6
 1540 ZNS1 with ID nx wx 0400 BC
 1545 Unid very weak around 0620 RC
 1570 XERF fair with SS ID 0920 PG
 VL2NI relaying ABC Sports
 0535-0605 Sats BC

MORNING

602 Nicosia AA good 1910 RC
 674 Unid AA fair good 1940 12/6 RC
 Odessa fair 1915 24/6 RC
 680 STC s/off 1430, must be using
 new l kw. RCR
 755 Yemen good 1950 RC
 777 Zahedan Iran good 1950 12/6 RC
 854 Bucharest fair 1950 RC
 908 Baghdad strong // 1038 at 1950
 980 Raipur India 1632 mx RS
 1010 DXXX 'Double Ten Radio.' off
 1500 MB
 1016 Istanbul fair 1955 12/6 RC
 1133 Kuwait good, reg morns RC
 1160 KSL poor fair ID 1245 PG
 1196 AA here 1900 fair/good. Moroc? RC
 1214 Tirana good 2000 RC
 1220 Johore Bahru s/off 1630 with
 clear signals AC

1223 Stara Zagora in Bulgarian good
 1930 PO
 1259 VOA Rhodes regular in AA ffrom 1700
 1345 Kuwait good in AA 1950 RC
 1376 Russian dominant 1900 12/6 RC
 1457 Rumania dominating 1950 RC
 1554 Nice fair/good FF 1950 RC
 1575 Sharjah reg AA morns RC

Contributors this month: Ray Crawford,
 Robin Chambers (RC) Robert Scott Paul
 Ormandy Philip Garden Merv Branks Bryan
 Clark Paul Rawdon Arthur Cushen.

**SOUTH AUSTRALIAN TRAIL - from Chris
 Martin & John Pickering**

611 Nairobi 1725 VG afro vocals
 620 Mwanza 1830 //656 with afro vocals
 Cairo looped.
 656 Dar Es Salaam 1835 VG afro vox
 665 Reunion 1930 VG pops FF
 683 Mauritius 1800 VG BBC nx EE
 737 Lourenco Marques 1730 VG PP
 746 Nairobi 1745 VG EE requests
 773 Cairo 2100 exc AA music clear
 through 3L0.
 818 Lusaka 1800 exc EE nx
 836 Vila Pery 1830 fair PP pops
 854 Harrar 1730 VG chants.
 872 Addis Ababa 1745 VG guitar mx
 944 Asmara 1730 //872 chants
 953 Kapsimotwa 1845 good. Afro mx
 1043 Tbilisi 1900 Majak i/s good
 1088 Luanda 2200 full ID exc.
 1214 Arusha 2000 VG swahili nx
 1250 Tripoli 1900 good AA nx
 1331 ZCQ3 1615 VG local news.
 1367 Luanda 1900 good PP nx Full ID
 1376 Mbabana 1800 VG pops. Swazi Mx. R
 1380 DWEE 1400 after 4MK. EE. Jingles.
 1385 RRI Surabaya now here, first
 heard 29/5. Noted 1100, better at
 1400 with chimes, ID and local NX
 Tananarive 1730 fair with Malgache
 talk
 1448 Misurata 1900 AA nx//1250
 1475 AFRTS Diego Garcia after Sabah
 off 1300. Copiable but weak.
 Brazzaville good in FF 2115
 with QRM AFRTS

BEST OF THE MONTH

OPEN

KICY Nome Alaska, 850khz, 5kw
 153 points, Neville Henry
 Merv Branks.

(You can tear the certificate
 down the middle !)

Radio New Zealand Looks at Reporting Standards

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The following is the text of a talk in a recent edition of Radio New Zealand's external services 'Mailbox' Programme.

DX reports make up a large part of the mail received by the international broadcaster, and for this to receive prompt attention it is important that it contains verifiable information. A limited understanding of the language being used by the station, will often affect the length and detail of a report, but the report can still be of value and result in a QSL if it has specific ingredients.

The main requirements are: 1) Frequency 2) Date and Time of reception in GMT
3) Reception conditions 4) Details of the programme heard with a minimum of fifteen minutes logging.

Reception Conditions:

We want to know how well we are being received in your area, and by how WELL we mean how strongly, and how clearly. Signal quality is commonly rated by DXers in the SINPO code and while this is a good overall rating system, like most stations, we prefer a more descriptive signal report.

We suggest a good report should contain the following:

- Comment on the readability of the signal. For example, how clearly could you follow the programme? Are spoken programmes heard well?
- Comment on interference from other stations on the frequency?
- Comment on reception generally of other stations in the same geographical area as you hear them.

If you provide this information your report is of interest and value. A report with these points will tell how strongly and how clearly the signal is received and provides an overall assessment of transmission quality.

Programme Content:

It should be as full as possible - it is better to put in too much than too little, although it doesn't need to be ten pages long. Detail must be specific. Actual announcements, station slogans, time and schedule announcements, programme or record titles, announcers names, and news content are items that can be checked against the station log. Reports which state only the type of programme being broadcast are hard to verify, as are reports stating briefly, "Woman speaking, orchestra, announcement by man."

To summarise:

In reporting reception quality, comment on

Clarity of signal
signal strength by comparison with other stations
interference on the frequency, or from nearby frequencies.

DETAIL your programme content, preferably in tabular form
- keep it factual but not too long, and don't forget we always welcome constructive programme comments.

We recognise that a QSL from low powered broadcasters like Radio New Zealand are eagerly sought by DXers, and we feel some responsibility towards encouraging good reporting standards. We hope these few details on compiling reception reports will help you with your DX activity generally.

DX FORECAST

JULY

0530-0700 U.S. Mexico
0430-0600 South America
From 1030 Asians. Watch splits
0800-0930 Pacific Islands
1000-1130 US East & Central

AUGUST

0600-0800 USA
0600-0700 Mexico
0530-0630 Central & South Americans
0930-1045 U.S. East Coast. 1000-1130
Central/South Am.



CANADIAN SCENE

more music!
good music!
590/CKEY music! 8

News of the Canadian Broadcasting Scene, via Theo Donnelly in Vancouver.

+ Effective 1 April, the CBC English and French Radio Networks became commercial-free, with minor exceptions at a cost of approximately \$2 million in lost revenues for the national network service. The CBC has been reducing the commercial content of it's broadcasts for a number of years, and now the only exceptions will include network programmes which aren't available minus commercial content eg National Hockey League matches and relays

of the Metropolitan Opera from New York on Saturday afternoons, and locations where the CBC is serving communities in a language where there is no other radio service to provide local advertising. This applies to CBC French stations in Moncton, Toronto, Windsor, Winnipeg, Regina, Edmonton & Vancouver. The \$2 million in lost commercial revenues will be recovered from the CBC's annual parliamentary grant. It is not planned to cease TV advertising by the CBC, where \$50 million in revenue is earned.

+ The Flying Pizza is just one name given to the new CBC symbol (see above), which graces Radio Canada International's latest "QSL card". The symbol evolves from the initial letter 'C' for Canada, expanding in every direction. The overall shape is globular, conveying the Corporation's international responsibilities. It is the first time that all divisions of CBC have shared a common logo. Incidentally the CBC received \$235M from the public purse for its operations this year. Compare this with approximately \$23M in licence fees received by NZ's 3 national broadcasting groups:

+ Vancouver's newest radio station CFRO, 102.7MHz FM, commenced broadcasting on 14 April with a transmitter output of 3.7kw. The station is operated on a non-commercial, non-profit basis by Vancouver Co-operative Radio. Programming will be wide-ranging, including community news, public affairs, legal and health information, the arts, relays of municipal council meetings, imported music programmes, soundtracks from movie classics and even nightly bedtime stories! Funds come from foundation and government grants and membership dues paid by the 3100 cooperative shareholders. Dues are \$10 for working people and \$2 for students, pensioners and unemployed. No commercials are planned to help pay the estimated \$150,000 annual running costs.

TV & FM DX

television viewers a second nationwide and alternative channel to the existing "Television 1".

"Television 2" began scheduled programming on 30 June from Auckland on Channel 4 and from Christchurch on Channel 8.

Ultimately the new network will give NZ

OWEN BARRIBALL of New Plymouth has QSL'd AKTV2 from 4e Aroha Ch 1, Waiatarua Ch 2, Hikurangi Ch 3. WNTV1 via Poutoko Ch 4, Opunake Ch 5, Mt Egmont Ch 6, Pukeiti Ch 7, Wanganui Ch 8 and Dawson Falls Ch 9. Also ABN2 Sydney. While in Australia TEN10 Sydney and 2MBS-FM were logged. Good luck in Aussie Owen!

TV BOOSTER. Paul Ormandy of Oamaru has submitted details of a booster. Copies of the circuit are available from Box 2956, Wellington for 10 cents in stamps (to cover cost of photocopying)

NEWLANDS BROADCASTING SOCIETY is to apply for permission to operate an experimental FM station for the sixth time in 6 years of trying. The Society has completed construction of a 15 watt FM transmitter and their Chief Engineer has been appointed to membership of Radio NZ's stereo advisory council.

PACIFIC ASIAN REPORT

7

UNITED ARAB EMIRATES Ras Al Khaimah noted in AA to s/off 1903 at excellent strength on 1175kHz. Gregg Calkin, Pakistan.
Radio Dubai on 1480kHz has been heard at 1800 and a verification received gives the power as 600kw and address P.O.Box 1695, Uae, Dubai. A.Cushen.

CHINA. Shanghai Radio has advanced EE lessons on 1300kHz on Monday (repeats on Tue, Wed) and Thursday (repeats Fri, Sat) at 1330-1400 GMT. French lessons are on 1420kHz Monday to Saturday at 1230-1300 GMT. BBC MS (c)

AMERICAN SAMOA Stringent measures to correct a heavy government deficit have forced the Government of American Samoa to lease out WVUV. Radio Samoa Ltd, which is headed by Hawaiian broadcasting magnate Lawrence S. Berger, has a 30 year lease on the station with the right to purchase the station after 4 years for \$200,000. The station was costing the Government \$65,000 a year to run. The FCC turned down several objections to the transfer to private commercial control, and commented that favourable consideration would be given to applications for 2 or 3 more stations on AM as there was 'plenty of room to spare along the dial' and more stations could be in the public interest. David Ricquish and Tony King/P.I.W.

AUSTRALIA 5UV, Adelaide University's radio station has branched out since moving to the MW band proper. 40% of programming is now off-campus material.

Restricted commercial licences with a range of 16km are to be offered to non-profit incorporated bodies to meet specific community needs. First applications were for Campbelltown near Sydney and a decision on this station was due in June. A restricted AM licence for Melbourne received 11 applicants, 8 of these well documented and presented, and provided keen competition. Licences for other state capitals will follow. Bruce Williams

2LT Lithgow 1370 advises licensed power is 500 watts, but because of the transmitters age, actual power is approximately 380 watts. They look forward to reports from NZ when power is increased to 2kw in the months to come. Merv Branks

4BH 1390 has ceased 24 hour operation and is now on-air 1900-1400. In six months the station will move to 880kHz, with 5kw transmitter, a directional array and new transmitter site. Chris Martin

4WK has changed frequency from 880 to 960kHz, apparently with 5kw. CM/AC
2EA (Ethnic Australia) opened on 9 June with a temporary installation at Ashfield, Sydney on 800kHz. 3EA 1120 was due on-air 23 June using 3UZ's standby transmitter in Melbourne. Ian Stanley NZDXRA

2CC Canberra, owned by Capital City Broadcasters Pty Ltd, Box 1499, Canberra City 2601, will use 1210kHz not 1390, with initial power of 2kw. Opening date variously reported as 1 August or October. 2CC will be an All Music station, aimed at the 20-40 age group. Ian Stanley, Arthur Cushen

NEW ZEALAND Radio Windy 2XW 1080 is hoping to change frequency to 890kHz in an effort to improve it's coverage in the Hutt Valley and Golden Coast. If this move doesn't prove successful, repeater stations would be considered.

Radio Rhema (Gospel Radio Fellowship) has applied for a temporary licence to broadcast from Auckland in August, with a 400 watt transmitter located at Mangere. Broadcasts will be made from the familiar mobile studio. Licence -s for temporary broadcasts in Wellington and Christchurch later this year, also with 400 watts, will be sought. David Ricquish

VERIE SIGNERS: Radio America, OAX4U, 1010kHz, Casilla 1192, Lima, Peru v/s Angelica Montoya C. Departamento de Publicidad. Letter verie & 4 postcards received in return for SB report, mint stamps for postage & postcard. EM
Juan Ureta Mille, Director, Radio Nacional del Peru - OAX4A 854kHz.
HJKH and HJJK v/s German Tobon Martinez, Gerente de Todelar'. HJJA address is (10) not (19) in WRTVH listing. SB Hank Wilkinson, Sutton Surtenshaw.

kHz GMT

7280 1945 USSR Russian Home Service at this time. 12
 7280 2200 Albania. Radio Tirana in Hungarian & Czech.
 7285 0415 Deutsche Welle, Sines relay signs on in Rumanian. S/off 0515.
 7285 0600 DW Cologne s/on in EE to Australasia. Faded out 0850.
 7285 0355 USSR Kiev Ukraine in RR till 0500.
 7285 0315 Radio Canada via Sines in RR till 0345, then BEC in RR to 0400.
 7285 0520 SABC Johannesburg s/on in EE. JRM from Cologne 0600.
 7285 0730 Japan NHK Home Service in JJ. S/off 1000.
 7285 1120 USSR Radio Moscow in Korean to 1130, then CC till past 1600.
 7285 1230 All India Radio Asian Service, but JRM from Moscow.
 7285 2100 Radio France International in FF till s/off 2130.
 7285 1700 USSR with Kremlin Bells and sign-on in CC, //7295.
 7285 2030 Polish Radio, Warsaw signs on in EE under France. (S/off 0020)
 7285 2130 Malagasy Rep. Radio Nederland, Talata Relay s/on in Indonesian./
 7285 2230 USSR Mayak Home Service in RR f/in. Hrd till JRM 0415 DW Sines.
 7290 0500 Radio Tirana, Albania in GG & Polish. F/out 0540. Also hrd 2030.
 7290 0600 Radio Canada via European relay s/on in FF & EE. S/off 0800.
 7290 1500 Polish Radio mixed with Radio Station Peace & Progress in CC.
 7290 1500 RAI Italy s/on in Serbo-Croat. European Svce. Int sig. at 1810.
 7290 2025 VOA via Munich in AA. JRM from Albania.
 7295 0515 VOA Kavala with Breakfast Show in EE.
 7295 0930 Penang Malaysia s/on in EE & Malay. Hrd till JRM from USSR.
 7295 1430 USSR "Radiostantsia Tikil Okean" (Radio South Pacific) in RR.
 7295 1530 USSR Radio Moscow hrd in CC till after 1700.
 7295 2000 Athens, Greece signs on with interval signal.
 7295 2130 Radio Liberty, West Germany good over jamming.
 7300 0330 Radio Tirana, Albania in EE.
 7300 1845 Radio Berlin International European Svce in EE to 1915.

Many thanks to the 8 contributors: Nigel Robins, Dene Lynneberg, Tony Marr & Bryan Clark in Wellington; Ian Wells of Milton; Ash Nallawalla - Dunedin; & Michael Cole and myself in Auckland. I would like to make special mention of the detailed and comprehensive listing submitted by Nigel Robins. There is no doubt that, without Nigel's contribution the survey would be no where as complete as it is.

Your reactions to this band survey are sought. Please let the Editor know - was it of use? do you want another one? what bands? and so on.

BARRY WILLIAMS June 1975.

DEUTSCHE WELLE - KIGALI, RWANDA RELAY
SCHEDULE MAY-SEPTEMBER

To Central & South Africa 0330-0430 in Swahili, 0430-0515 in EE, 0515-0545 in FF, all on 9565 & 7225kHz.
 To Asia & Australasia 0930-1030 in EE on 21540 & 17780kHz.
 To Central & East Africa 1045-1115 in EE, 1115-1145 in Swahili on 15410 and 11785kHz.
 To West Africa 1200-1245 in English, 1245-1315 in Hausa, 1315-1400 in FF, all on 17765 & 15410kHz. 1415-1500 in Amharic on 15410 & 11965kHz.
 To Central & East Africa 1515-1615 in French, 1615-1715 in Swahili, 1715-1745 in EE on 9735 & 7285kHz.
 To Africa 1800-2150 in German on 7275 9735 & 11965kHz.
 To Europe 2200-2230 in Serbo-Croat on 7295kHz.
 To North & South America 2200-0150 in German on 15410 & 11925kHz.

(c) BBC Monitoring Service

RADIO FRANCE INTERNATIONAL
"PARIS CALLING AFRICA" IN ENGLISH

Present sked: 1700-1800 GMT on 5955, 7285, 9520, 15200, 15210, 15300, 15360, 15425, 17720, 17820, 21620kHz.

RADIO HAVANA, CUBA
ENGLISH SKED, EFFECTIVE FROM MAY 75

0100-0450 GMT on 11930kHz, 0100-0600 on 11725, 0330-0600 on 11760, 0600-0830 on 9525, 2010-2140 on 11855, 2050-2150 on 11960 and 17750kHz.

John Mainland

RADIO PRAGUE, CZECHOSLOVAKIA IN EE.

afro-Asian Service 1530-1625 on 5930, 6055, 7345, 9605, 11990, 15110 and 17840kHz. 1730-1825 on 5930, 7345, 9605, 11990, 17840kHz.
 asian Service 0730-0800 and 0830-0900 Mon-Fri on 11855, 15415, 21700. On Sat/Sun at 0830-0930 on same 3 freqs. 1430-1457 on 5930, 7345, 9605, 11990, 15110, 17840kHz. Faul Edwards

<u>KHz</u>	<u>GMT</u>	
7220	0000	Radio Budapest, Hungary in SS, EE, Hungarian to after 0415.
7220	0400	VOA Great Britain Relay to Eastern Europe to after 0400. (Tangiers?)
7220	0300	Jeddah, Saudi Arabia s/on in AA. QRM Radio Budapest.
7220	1000	Radio Australia, Shepparton in EE to Papua New Guinea. S/off 1400.
7220	1700	Heavy jamming observed here till after 2000.
7225	0130	AI R India signs on for Nepali language prgm. S/off 0215.
7225	0300	Baghdad, Iraq s/on in AA. Followed to f/out 0550.
7225	0330	Rwanda. Deutsche Welle Kigali Relay. EE 0430. S/off 0545. //7150.
7225	1130	FEBC Manila Philippines with Far East Service to 1600.
7225	1900	Radio Canada, believed via Malta. FF ident 1940. S/off 1957.
7225	2000	Tentatively Radio Baghdad, Iraq. AA heard to around 2330.
7230	0015	BBC Asian Service s/on, //7140 to s/off 0345.
7230	0630	BBC European Service s/on. Heard till 0645.
7230	0715	USSR Mayak prgm in RR to 1500. Mayak again 2100 to f/out 2350.
7230	0755	Japan NHK Home Service in JJ to s/off 1000. QRM from Russian.
7230	1900	USSR Peace & Progress in German. Radio Moscow with German to 2100.
7235	1200	Shepparton, Australia with Indonesian to 1500, then EE. Also 1700.
7235	2100	RAI Rome Italy in Italian to 2130. Albanian noted 2000-2020 //7275
7235	2100	DW Cologne in German. Also reported at 2015 and in AA at 0400.
7235	2210	Vatican Radio in EE to Aust/NZ. QRM from Deutsche Welle.
7235	2300	USSR Mayak Home Service in RR to f/out 0500. SS noted 0100.
7240	2000	Belgrade, Yugoslavia in English.
7240	2200	USSR s/on in RR with Mayak to America Fridays only. 2230 SS to Chile till 0400 s/off. Mayak again observed 0500 till 0600 f/out.
7245	0600	Algeria RTVA s/on in FF. Followed till f/out 0700.
7245	0800	Saigon, South Vietnam f/in in Vietnamese. Hrd to 1200, then QRM.
7245	1245	Radio Moscow with CC and Mongolian. Jammed to after 1600.
7245	2040	Radio Free Europe, Portugal in Rumanian thru jamming.
7250	0300	BBC London with EE till s/off 0345.
7250	0900	Radio Singapore f/in in Malay. Jammed from 1000. (1830.
7250	1944	Vatican Radio with int/sig then FF. Also hrd in Croat to s/off /
7255	0040	USSR Moscow with CC till 0230. USSR also heard here 1900.
7255	0230	VOA Tangier in AA s/on till s/off 0330. (Freq 7250 per schedule)
7255	0400	BBC with Greek programme till 0415 s/off.
7255	0730	USSR Prgm I in RR till 1000 when VOA & jamming on.
7255	1000	VOA Okinawa s/on for CC prgm.
7255	2040	Radio Free Europe, Portugal in Bulgarian under jamming.
7260	0345	Radio Canada via Daventry, England signs off after RR prgm.
7260	0345	BBC continues in RR. EE by Radio for Europe noted 0645.
7260	1715	Radio Berlin International ident, then EE to UK. S/off hrd 2200.
7260	0840	Ulan Bator, Mongolia with HS to 0930 then relays Moscow. Sign-off at 1055. 1330-1430 in Mongolian and CC //7238kHz.
7260	1730	All India Radio noted with EE news under RBI.
7260	2100	USSR Mayak prgm in RR s/on. Hrd to 0000. RR 0200 to after 0400.
7265	0920	USSR Yakutsk //7100, 7200 in RR & Yakutian. Logged to 1200.
7265	1200	All India Radio observed.
7265	2130	Sudwestfunk, West Germany. GG heard to 0630.
7270	0000	Polskie Radio, Warsaw in EE & Polish to s/off 0400.
7270	0000	USSR Home Service prgm IB in RR, to f/out 0530.
7270	0300	VOA Kavala s/on. EE to s/off 0600. Heard in Ukrainian at 1730.
7270	1600	Radio RSA Johannesburg s/on in EE but QRM from VOA Kavala.
7275	0200	VOA Kavala in Urdu to sign-off 0230.
7275	0330	RAI Italy s/on. European Svce till 0555. RAI int/sig hrd 2130.
7275	0545	Lagos, Nigeria signs on in EE. Sign off at 0730.
7275	0400	Deutsche Welle via Malta s/on. Here till 0520. Deutsche Welle, presumed from Julich, s/on in RR at 1800. AA hrd at 2050.
7275	1800	Unidentified station signing on under DW.
7275	0630	Warsaw Poland in EE.
7275	0947	Radio Peking, China noted in CC till QRM by VOA at 1200.
7275	1200	VOA Philippines s/on. Vietnamese till past 1500.
7275	1400	USSR Moscow with Asian Service to after 1500.
7280	0300	VOA Monrovia, Liberia s/on in EE. Sign-off 0730.
7280	0957	Fukien, China s/on. Chinese till s/off 1127.

kHz GMT
 7155 2300 Jamming opens up here, continues till around 0345.
 7160 0600 VOA Kavala, Greece s/on in FF to Africa. AA 0730. S/off 0800. 10
 7160 0900 Radio Malaysia Serawak s/on in CC. Jamming on frequency.
 7160 1400 Radio Station Peace & Progress in CC to 2230 // 7150, 7295.
 7160 2100 USSR Mayak s/on in RR. Radiostantsia Rodina 2230-0300, then Mayak/
 7160 1850 Deutsche Welle Malta relay s/off after RR prgm. again.
 7162 0800 RRI Jayapura s/on in Indonesian //6070. S/off 1230.
 7165 0330 ETLF Addis Ababa, Ethiopia. Jamming.
 7165 1100 VOA Kinkawa in EE till 1330 s/off. Suffered frm Jamming & RFE qRM.
 7170 2000 Noumea, New Caledonia dominant in FF to s/off 1100.
 7170 0200 VOA Kavala in Urdu. RR 0300-0500. Kavala again in EE 1600-2200 off.
 7170 0910 Radio Singapore f/in in Tamil till 1330, then CC till 1630 s/off.
 7170 1900 USSR Chinese Service noted under VOA Kavala.
 7175 2200 DW West Germany s/on PP to 2255 s/off //7235kHz.
 7175 2300 USSR Rodina prgm s/on in RR. Mayak prgm noted 0300-0500.
 7175 0400 Caltanissetta in Italian HS till fade-out 0550.
 7175 0600 VOA Monrovia in FF to Africa. S/off 0800.
 7175 0810 Saigon, Vietnam with HS in Vietnamese to past 1600 // 7245.
 7175 2000 USSR Radio Moscow in French and German to sign-off 2200.
 7180 0500 Polish Radio, Warsaw in Polish.
 7180 0930 Malaysia BEC Tebrau relay s/on in EE. Also hrd at 1800 and 2300.
 7180 2000 Radio Budapest, Hungary with European Service.
 7185 0300 BBC London in EE to Africa. S/off 0730. BBC in EE 2100 to s/off 2330.
 7185 1440 USSR Moscow in CC to past 1630. //7295 at 1615. Kremlin Bells 1700.
 7185 2000 Novosibirsk, USSR in CC to s/off 2230.
 7190 0357 RFE in Polish with s/on. S/off 0600. Jammed. Again 1900-0050 Polish.
 7190 0200 VOA Wooferton s/on in Ukrainian. Hrd till RFE opened at 0357.
 7190 0800 Radio Peking with CC Prgm II, s/on. S/on at 0950 on Fri & Wed.
 7190 1000 RRI Jayapura with qRM Peking. S/off around 1300. Also hrd 0745.
 7190 1330 Sri Lanka Colombo poor in EE. S/off at 1500.
 7190 1415 Yemen - Aden in Arabic till tune out 1500. (s/off 2400.
 7195 0600 Algeria s/on in Kabyle. Heard till after 0800. AA noted 2100 till/
 7195 1000 Radio Japan s/on in CC. S/off at 1045.
 7195 1300 VOA Philippines s/on in Vietnamese. Hrd till AIR signs on.
 7195 1430 AIR India with EE Sports Roundup, then Hindi prgm.
 7195 1500 USSR Novosibirsk s/on CC. Kremlin Bells 1700. RR HS 1945. Off 2230.
 7195 2030 VOA Monrovia, Liberia in FF to Africa till s/off 2230.
 7195 1700 Radio Bucharest, Rumania in Persian till s/off 1730.
 7200 0300 USSR s/on with Mayak HS in RR. Faded out 0515. At 0920 Yakutsk with
 RR Mayak Svce & local lang. S/off 1300. Mayak s/on 1330 again.
 7200 0300 VOA Wooferton EE Breakfast Show s/on. Fade out 0700.
 7200 0820 Penang, Malaysia faded-in poor with Malay, till qRM 0900.
 7200 1030 Radio Australia, Shepparton s/on. CC prgm till s/off 1430.
 7200 1500 Radio Kabul, Afghanistan tentatively hrd at this time.
 7200 2000 Belgrade, Yugoslavia tentatively identified at this time.
 7200 2030 Austrian Radio, Vienna in FF till 2055.
 7205 0434 Unidentified station weak in FF. Hrd till after 0500. African?
 7205 0900 Radio Japan commences Korean language service.
 7205 1330 VOA Philippines s/on. Prgms in Thai, Ind. & Hindi till off 1600.
 7205 1630 VOA Rhodes s/on. Turkish prgm. AA at 1700. EE from 2130.
 7210 1700 USSR European Svce in RR till 2100 then Mayak to Far East. 2300
 changes back to Home Service till s/off 0415.
 7210 0800 Radio Republik Indonesia, Biak. Sign-off at 1400.
 7210 0600 ICRC Red Cross radio, Switzerland with irregular test. EE, FF, GG, AA.
 7210 0245 BBC European Service s/on in RR. Hrd to 0445.
 7210 0500 BBC African Service s/on in EE & Hausa. Sign-off 0600.
 7210 0120 Deutsche Welle, in EE to Asia // 7285.
 7215 0353 Radio Free Europe with Rumanian till s/off 0600.
 7215 0600 AFRTS ident hrd at 0614. Conceivably AFNT Taiwan? Faded out 0645.
 7215 0800 Brunei fades-in in CC. EE Nx 1200. EE sign-off 1430.
 7215 1500 Athens, Greece s/on in Greek. 1730 Greek beamed to Russia.
 7215 2100 India AIR General Overseas Svce in EE hrd till after 2300.

41 metre band Survey

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30 MAY - 2 JUNE 1975

KHz	GMT	
<u>7100</u>	0800	Radio Moscow F.E.Svce JJ to 1030. Korean 1100-1200; CC to 1330; Mongolian to 1400; CC till t/o 1600.
7100	0850	Radio Moscow, Yakutsk f/in with RM Prgm I. Around 0920 carries HS in RR & Yakutian to past 1600 // 7200, 7265.
7100	1900	USSR Mayak prgm II s/off 2100 // 7210. At 0000 till s/off 0500 // to 7170 & 7175 kHz.
7100	2030	Albania Radio Tirana with European Service.
7102	1100	Thai TV Service s/on in Thai. Noted thru 1500.
7105	0245	BBC European Service s/on in Russian.
7105	0430	BBC Atlantic Relay, Ascension Is s/on. FF, Hausa, EE at 0700.
7105	0400	Radio Damascus, Syria in AA under BBC. Fade out 0500.
7105	0625	Trans World Radio Monaco s/on in EE. S/off 0755.
7105	0845	RNE Spain int sig till 0900 s/on, poor. Also 1830-2145 s/off in SS.
7105	2045	Deutsche Welle, Koln in AA mixed RNE. Maghreb at 2055.
7110	0400	VOA Rhodes s/on in AA. S/off 0600.
7110	0950	RRI Jogjakarta s/on in Indonesian. EE 1128. S/off 1400.
7110	1900	USSR Radio Mayak till s/off 2030. Mixed BBC.
7110	1930	BBC European Svce s/on in Rumanian. 2000 RR till s/off 2100.
7110	1930	Jeddah, Saudi Arabia in AA till s/off 2300.
7115	0200	VOA Tangier s/on in Urdu till s/off 0230 // 7170, 7275.
7115	0353	RFE Hungarian s/on. Off 0558. Again 1930 till 0050 // 9705.
7115	0615	Suspected Morocco, weak in French to 0715.
7115	0840	Radio Thailand in Thai. News at 1300.
7120	0000	Radio Peking via Albania in SS to Americas. EE 0100. S/off 0355.
7120	0245	BBC European Svce. S/off 0730. BBC WS in EE 1850 till s/off 2330.
7120	1510	Somalia. Radio Mogadishu f/in poor with Afro/AA vocals to 1630.
7125	0000	USSR Mayak Home Service. 0720 Radio Moscow in CC & Korean till after 1630. Peace & Progress 0830. Jamming. (7260.)
7125	0130	AIR Delhi in Hindi till s/off 0250. Hindi & EE 1330-1530 // 7295, /
7125	0400	Polish Radio Seamen's Prgm in Polish to 0600. 2000 in FF & Polish.
7130	0400	Deutsche Welle in RR to 0435. Turkish to 0520. DW in EE 2100-2200 with the Asian Service.
7130	0530	DW Sines, Portugal in Czech & Polish till s/off 0630.
7130	0900	VOFC Taiwan s/on in JJ. QRM 1000. Heard to 1600.
7130	1000	Radio Peking s/on in CC. Jamming. S/off 2100.
7130	2100	BBC in EE to 2115; SS to 2200; PP to 2230 s/off. WS 2245-0430 EE.
7135	0500	Radio France International s/on FF. S/off 0745. QRM USSR.
7135	0650	USSR HS in RR. SSB from 0700. Far East Service till past 1600.
7135	2300	USSR Mayak HS in RR till fade-out 0414.
7135	2000	VOA Monrovia, Liberia in FF to Africa. S/off 2200.
7135	2200	VOA Tinang, Philippines in CC till f/out 2330.
7139	0800	RRI Ambon s/on in Indonesian. S/off 1130. // 4845 kHz.
7140	0900	Radio Japan in Korean to 0945 // 05. In RR & CC 1230-1345 s/off.
7140	1320	BBC Cyprus f/in in AA. Persian 1615. BBC in EE 2100-2145 s/off. BBC East Mediteranean Relay with Asian Svce 0000 till 0200 f/out.
7140	2000	Athens Greece s/on in Greek. S/off 2250.
7145	0357	RFE in Czech till s/off 0610. Jamming. (Listed 10kw Holzkirchen)
7145	0600	Warsaw with Polish ES till f/out 0745. Good at s/off 2200.
7145	0840	Sarawak f/in fair in Malay. Heard again 1500. Jamming.
7145	1900	ETLF Ethiopia heard once till s/off 1910 in EE. Usually jammed.
7145	1900	USSR Mayak in RR till jammed 1930. HS Prgm I 2330 to f/out 0350.
<u>7150</u>	0330	DW Koln s/on in Swahili. EE 0430. S/off 0545. // 7225.
7150	0545	BBC WS s/on in EE to Australasia. S/off 0915.
7150	0930	USSR Radio Moscow & Peace and Progress in CC. Heard until 1600. Radio Moscow noted 1900 till f/out 2230.
7155	0345	Jordan. Amman good at times in AA till 0600. Also 2000 till 2203.
7155	0400	Radio Budapest, Hungary in English.

JIM BENZONI, Hamilton back into the act after some years has nine out and a QSL from VQ05 5015. Welcome back Jim..

PAUL RAWDON, Lower Hutt has five out this month and QSL's back from Japan 9700 VLW15 15425 Nigeria 7275 RBI 15250 UN 11760 FEN 3910 CBC Northern 5990.

IVOR HILL, Bluff has just bought a new Eddystone, and has reaped the QSL's from RN 11 freqs, Japan 17 frequencies, Peking 3 freqs DW RCI VOA RA. Ivor please give frequencies with your QSL's although with the RA's and stations with many frequencies you need not list them all, simply summarise as we have done above with RN.

ARTHUR CUSHEN, Invercargill has QSL'd Moscow 15130 Sweden 6100 Tokyo 15310 RA 7235 11790 Austria 5980 RBI 6040.

COLIN CAMPBELL, Rotorua has nil out but rewards from CR6RV (Clube de Moxico 5kw 5192) RAI 11800 Budapest 11900 FEN 3910 HGJB 15305 11845 11745.

J.W.L. MARTIN, Lower Hutt has QSL's from NHK 17880 HGJB 5970 15305 Portugal 11935 Prague 15415 FEN 3910 RNZ 15280 9520 SBC 9725 Moscow 11690 Peking 15435

BRUCE CAMANAGH, Invercargill has QSL's from Riyadh 11950 NSB 9595 Israel 9815 NHK 7140 15310 VQ05 5020 RA 15240 TWR Monaco 9525 BBC Cyprus 7140 15105

WYN MACHON, Invercargill using a Eddystone S504 has QSL's back from Capital 4832 Peking 15060 RSA 15220 Kuwait 15345 Israel 9009 Moscow 4485 France 7135 Cuba 11760 Lara 4800. Good to hear from you Wyn.

PAUL ARONSEM, Invercargill has QSL's back from Solomons 5015 FEN 15260 Kenya 4915

PAUL EDWARDS, Wellington has QSL's from Prague 11990 Bucharest 11940 Jordan 7155 BIRT 7215 RN-B 6165 ORF 17775 Iraq 3960 RSA 11900 Nigeria 7275 Chad 4904.5. Some nice ones there!

14 ALEX WELLNER, Sydney HAS QSL's in from South Africa 11900 Milne Bay 3360 Cairo 9805 Vatican 9615 KGEI 6000

CECIL SYMMES, Wellington has QSL's in from VOA Del 9545 17820 Greenv. 11705 France 7135 Israel 9815 Moscow 15130 RSA 11900 Bulgaria 9700 Canada 9655 RBI 15250 Austria 9770 RA Shepp 9625 Lyn 15160 Sahara 11805

GARRY BUTLER, Wellington has QSL's in from Cairo 11920 Yemen 9575 WYFR 9715 BBC Malaysia 9570 11940 FEBE 11920 RAI 7275 Bucharest 11940 Radio Afghanistan 15195 TWR-M 7105 Papua 3925 IBA 12025 5900 9815 9625 VOV 10040. Congratulations on Yemen!

JOHN MAINLAND, Wellington has had a lean month with one from Moscow 15130.

BEST OF THE MONTH

UNDER 9 Mhz

Radio Clube do Moxico, Angola
5192 khz 5kw
Colin Campbell

Over 9 MHz

Radio RSA 11900 Khz 250kw
Paul Edwards

STATION OF THE MONTH



Overseas services from the Turkish Radio & TV corporation originate from Ankara, with the transmitters sited at Etimesgut just outside Ankara. Transmitter power is 100 and 250kw. English is broadcast from Ankara from 2200 to 0115 GMT on 9515 khz as well as 15165. News is aired at 2200 2300 0000 and 0100 GMT.

The address for reports is:
Voice of Turkey,
Mithatpasa Cad No. 37
Ankara
Turkey.

....
"Have some Turkish
Delight - tune to
Ankara."

Shortwave Mailbag

13

with JOHN MAINLAND

Notable verifications this time are Sanaa in the Yemen Arab Republic reported by Garry Butler, Ndjamano in Chad has verified Paul Edwards, and Colin Campbell has QSL'd an Angolan on 5192 !

NIGEL ROBINS, Wainuiomata (star 'turn' in our 41 m band survey) is first up with QSL's back from Mauritania 4850 NSB 9595 Budapest 6000 Bucharest 5990 Kiev 17775

DAVID RICQUISH, Christchurch has one out and QSL's back from SDR/Shepp 9550.

PAMELA SUTTON, Oamaru has QSL's from BBC 9750 IBA 9009 SBC 9590 11775 DW 11850

BILLHUDDLESTON, Auckland has 6 out and QSL's back from Kuwait 9555 Budapest 6000 RA Shepp 17740 Sweden 15105 CBC Malta 15300 BBC Ascension 11820 RN Lopik 15115.

RAY CRAWFORD, Invercargill has veries from AFRTS Delano 6095 Israel 9815 Western Highlands 2450 Bougainville 3322.5 Southern Highlands 3275 Western Districts 3305, Sahara 11805 for country 135.

BRIAN GALL, Palmerston North has QSL's from Espana Independiente 10110 RA 15290 Austria ORF 5980 Vatican 11845 Korea 9640 VIM4 4920 VLI6 Brasilia 11780 Cairo 9805 RAI 7235 SBC 3985 Moscow 9600

BILL VOGEL, Adelaide has QSL's in from RA Test 7235 Palembang 4855 Capital 4832 RCM/LM 3265 RRI Nusantara 1 4719 CBC Northern 9625 Peking 11600 Nigeria 7275 Honiara 5020 Sofia 9700 RSA 11900 RCI 5970 RN Mad 15165. Bill has 10 out. Could you set your notes out in a column Bill please with frequency following station as above. The reverse applies of course for Bandwatch.

BRIAN MOLLOY, Auckland has 'em back from Vatican 11705 RNZ 15280 VIK3 Korea 9640 RBI 11830 Budapest 9833 Prague 9540. ZIC Chatham Islands uses 2552 khz but the NZPO refuses to verify reports of utility operations.

STEVEN GREENYER has one back from P2K3 3925 and Gulf District 3245.

JACK FARROW, Lower Hutt has QSL's from VOA 7265 17896 Vatican 9615 Norway 9645 Moscow 11720 11790 RNZ 11900 17820 IBA 11960 AIR 9912 RBI 15250 RA 15400

DENE LYNNEBERG, Titahi Bay has 14 out and veries in from Singapore 6165 WYFR 11855 France International 11835 RSA 7285 RN-M 7285

DES DAVEY, Te Kuiti has twelve out and QSL's in from Israel 9815 and Berne 9590.

ROGER PAAYMANS, Trentham has 8 out and QSL's back from NBC 4890 Poland 9675 Canada 9625 Russia 17940 and 11755 Romania 11940 RSA 11900 Korea 9640 AFRTS 9755 Holland 9715 Ecuador 11915 BBC 6050 Berne 9590. Make sure your frequencies are right Roger. Note the changes above.

HANS DE JONG, Tasmania has QSL's from Tashkent 6015 9540 P & P 11765 15140 17805 Moscow 11835 15130 17900 VOA Phil 6110 Kavala 7170 France 9740 Canada 11855 RNZ 11900 Karachi 15115 RA 15400 Shepp 17740

PHILIP GARDEN, Mosgiel has three out and QSL's from RSA 17780 FEBC 21515 VOP 9580 Clarin 4850 Turkish Met 6900 SBC 3985 UN 6145 DW Malta 6065 Prague 21700 YVKM 5030 RNE 15145.

PAUL ORMANDY, Oamaru as a good pile back from SBC 3985 6155 Sofia 9700 RA Shepp 11970 11930 15400 VOA Phil 9670 Greenville 10230 Dixon 21610 UN 9530 Nederlands 15105 CHU 7335 Moscow 15130 9780 11830 BBC 9915 DW 7130 WYFR 5985 9715 Austria 11845 11970 17770 Japan 9735 REI 6010 HCJB 6130 REI 7690. Check the Latin QSL list supplied in the new members kit for good verifiers. Addresses in WRTVH.

BRYAN CLARK, Wellington has only two out and QSL's back from SABC Johannes-burg 7285 and Belize 3300.

LINDSAY ROBINSON, Invercargill has 13 out this month and rewards from Bandeirantes 6185 and Rumbos 4970.

SHORTWAVE BANDWATCH



15

Mid-winter reception of many African and Latin American stations is being reported, on the 3, 4, and 6MHz bands at dusk and dawn. Radio Veritas in the Philippine Islands is testing on 9570kHz and is reported by three of our South Island contributors. Jim Benzoni advises that Radio Australia's UK transmission is now broadcast on 15270kHz, replacing 11765 between 0645 and 0915 GMT. 9570kHz remains unchanged. Jim also notes that Radio Canada International no longer use the Malta relay base. RNE Madrid is reported on 3 new frequencies beamed to the Americas and the new 10kw transmitter at Aldrans, Austria is being heard on 6000kHz.

+ indicates an overseas contribution

ALL TIMES ARE GMT (NZT minus 12 hours) ALL FREQUENCIES - KILOHERTZ

FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	INITS
3165+	1553	INDONESIA	Kota Madya	with mx prgm. Id in Indonesian 1600.	DW
3215+	1525	TAIWAN	BED59	Taipeh poor with Chinese prgm. Mackellar	SDC
3223+	1800	SWAZILAND	Swazi Music Radio	with mx & cmt in EE, fair.	BV
3230	1915	SOUTH AFRICA	Radio RSA	good with PP to Africa. S/off 1950.	DL
3250	1917	SOUTH AFRICA	Radio Sth Africa	in EE/Afrikaans. Advts, good.	DL
3265	1954	MOZAMBIQUE	Radio Clube de Mocambique	fair in EE with 'Happy Day Radio' jingles. 2000 ident for 'National mediumwave Svce of Lourenco Marques Radio' including mention of MW relays in South Africa. Logged 27/6 - post-independence.	DL
3277+	1650	INDONESIA	Jakarta	heard with ident 1656 and s/off 1700, fair.	DW
3285	2016	SOUTH AFRICA	Johannesburg	fair in EE with Boxing. Mx 2030. 2018 SABC Domestic EE Svce. Poor till fade-out 2045 27/6.	DL BC
3295	1300	INDONESIA	RRI Samarinda	good in Indonesian.	RC
3300+	0426	GUATEMALA	TGNC	in EE with 'Through the Bible Radio'. Reports requested to CP 601 at 0429½ then SS prgms.	TD
3300	0457	BELIZE	Radio Belize	with poor signals till off 0510. SG Weak.	PA
3330+	1754	PAKISTAN	Peshawar	with sitar mx and vocals. Ident 1800, fair.	DW
3335	0947	PAPUA NEW GUINEA	Radio East Sepik	is new name for Radio Wewak. News in Pidgin 1000, fair.	SG
3339	1948	TANZANIA-ZANZIBAR	Radio Tanzania at Zanzibar	fair in Swahili to s/off with anthem 2000. Mixed with telegraphy.	DL
3335	0712	NEW CALEDONIA	Noumea	fair with EE lang lessons //7170 good & 11710 poor. PE. 0720 EE/FF language lessons.	BG
3385	0400	DOMINICAN REP.	HIDA	with Latin Mx. AC. Radio Hit Musical at quite good level 0400 25/6.	RC
3396	1943	RHODESIA	RBC Gwelo	fairly good with pops. Ident in EE 2000, then news, followed by religious news.	DL DW
3425+	1603	NEPAL	Kathmandu	noted with news & music in vernaculars.	DW
3910	0927	JAPAN	Far East Network	in EE with Forces Nx 0930 good. PO.	JB
3935+	1720	INDONESIA	RRI Semarang	good in Indonesian with play & mx.	DW
3945	1330	INDONESIA	RRI Denpasar	good. Local ident at 1400.	RC
3952	1730	GREAT BRITAIN	BBC	with World Service fair BH. Unidentified AA station under BEC European Svce 1955. Baghdad drifting?	BC
3975	1400	INDONESIA	RRI Surabaya	good with Nx. Ident 1415. RC 2010 fair running late on Saturdays with radio play.	BC
3985	2000	SWITZERLAND	SBC Berne	with Nx in EE, poor-fair.	FR
3995	0430	WEST GERMANY	DW Julich	good in GG with mx prgm.	LR
4020	1800	PAKISTAN	Karachi	with Persian Service.	AC
4035	1600	TIBET(CHINA)	Radio Peking	with Hindi Service relayed from Lhasa. Poor-fair, considerable QRM. // to Peking 6520.	TM
4765	0445	CONGO	Radio TV Congolaise	(Details of prgm & reception pse) 0500 fair with talk & mx at times. LR. 0510 good with news in dialect & PF anncts. Drum int/sig 0515. F/out 0545. SG Good & clear 0510. TM. 0515 poor-fair with spoken prgm in FF.	BC

FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	INITS
4770	0655	LIBERIA	ELWA	vg in vernac. Vibraharp int/sig, EE id & BBC news relay at 0700.	TM
4775	1720	AFGHANISTAN	Kabul	exc. 1730 time pips & news till off abruptly 1736.TM. 1706 ident fair DW+ 1130 Mx & talk in AA(?) poor.	AW+
4777	0512	GABON	Libreville	fair in FF with indig mx.DL. 0525 fair copy. 1820 strong in FF, peaking 1845, fading to poor by 1910.	TM
4780	1820	AFARS & ISSAS	Djibouti	good strength but heavy QRM.	TM
4785	0610	COLOMBIA	Ecros de Combeina.PA.	0718 poor-fair in SS. Ident 0721.DW+	
4795	1830	ANGOLA	Radio Comercial	poor-fair in FF. Fluttering fading.	TM
4800	0457	LESOTHO	presumed.	Weak with choir mx to 0500, then t/sigs,nx.	TM
4800	1015	VENEZUELA	YVMO Radio Lara	strong with SS mx, as was YVPA Radio Zaracuy at this time, on 4940kHz.	JB
4805	1032	INDONESIA	RRI Jakarta	noted 12/6 with EE anncts re football competition. Commentary in Indonesian at 1100.	SG
4810+	1212	GALAPAGOS ISLANDS	La Voz de Galapagos	poor in SS. Pickering	SDC
4810	1800	USSR	Kyzl Orda	trumpet tuning signal & full ident, strong.	TM
4815	0557	UPPER VOLTA	Ouagadougou	int/sig & s/on 0600. Semi regular but poor.BC. 0610 Native mx fair.TM. 1920 Radio TV Voltaique with nx in vernacs, FF anncts & an EE annct at 1925.SG Weak.	PA
4820+	2250	ANGOLA	Emisora Oficial	with mx and nx. Fair in PP.	BV
4820+	0400	HONDURAS	HRVC	with EE id & nx 'from the wires of Associated Press'	
4832	0710	COSTA RICA	Radio Capital	hrd with short English annct during prgm 'Aqui Costa Rica'.CD.0700 good.PA 0620 SS fair.PG. 0645	DW+
4835	1611	PAKISTAN	Islamabad	with mx requests in EE to S.E.Asia.BH 1713	PA
4835+	1140	SARAWAK	Radio Malaysia	in Malay //4895, both good with talks. TD	
4845	0457	BOTSWANA	Radio Botswana	poor-fair in EE. BBC Nx 0500, then faded. DL. Weak to fair with native mx to 0500, then id & Nx ex BBC.	TM.
4860+	1718	ANGOLA	Luanda	fair w/ classical mx. Ident in PP 1730.	DW
4860	0918	VENEZUELA	Radio Maracaibo	fair till Chinese station opens 0930.	SG
4875	1955	SOUTH AFRICA	Radio RSA	regular with int/sig & s/on in EE & FF 'You are tuned to the French Service of Radio RSA'.BC. FF Nx.	BV+
4880	0519	ZAIRE	Kinshasa	fair in FF, but spoilt by static noise.	DL
4885	1805	KENYA	Kisumu	fair-good in dialects.	TM
4904	0430	CHAD	Ndjamana	with FF Nx & hifile mx.FE. 1740 strong past 1910.	TM
4915	1820	KENYA	Nairobi	strong in Swahili. Some co-channel QRM Ghana.	TM
4920	1707	USSR	Radio Kiev	with mx & talks in RR. Fair-good.	BCa
4920+	0407	HONDURAS	HRLP3 Radio Progreso	over 2 other stations & het. Id & whistled jingle 'La hora de Radio Progreso', fair.	TD
4940	0610	IVORY COAST	Abidjan	good with African music and FF anncts.	TM
4950+	1130	SARAWAK	Radio Malaysia	in EE, regularly hrd to 1200.	TD
4972	1810	CAMEROUN	Yaounde	fair-good after Pakistan 4973 off. FF 1835.	TM
4980	1915	GHANA	Accra	with EE requests.TM. Fair with id & EE nx 2000.	BC
4985	0500	BRAZIL	Radio Brazil Central	ZYK2 ex 4995, definitely here. Per QSL from station, A Voz do Oeste ZYZ5 has moved to 4775 last month.DL. ZYK2 first noted on 4985 31 May.ASWIC. ZYZ5 often hrd 0500-0700.AC. Radio Aparecida fair 0400 with mx.LR. (ASWIC lists Aparecida now on 5035 since early May)	CD
4990	1043	VENEZUELA	YVMQ Radio Barquisimeto	poor in SS.JB 0830 fair SS.	AW
4990	1715	ARMENIAN SSR	choir mx, strong. Id 'Yerevan Koshume' at 1800. (BBC MS shows 1300 Azerbaijani, 1400 Kurdish, 1500 AA, 1530 Armenian, 1730 Kurdish, 1800 Armenian, 1830 AA, 1900 Armenian)	TM	
5005	0330	BOLIVIA	Radio Universo	fair with nx.Full id 0340. SG. 0330 fair with music & many jingles. LR. 0330 (details?)	PA
5008	1645	NEPAL	Kathmandu	strong till s/off with anthem 1720.	TM
5010	0822	COLOMBIA	Radio Surcolombiana	fair in SS. PG. 0835.	PA
5030+	0832	INDONESIA	RRI Biak	with Indonesian ident, then news.Kuznecov	ADXX
5030+	0450	VENEZUELA	Radio Continente	mx & ids.Off 0459.DW. 0800 s/on.	AW
5047	1844	TOGO	Lome	fair.PA.1920 good copy in FF.TM. 0630 mainly in FF.	AW+
5050	1725	TANZANIA	Dar es Salaam	fair with African music prgm.	TM
5049+	0530	VENEZUELA	Radio Mundial	with ident & time check in SS.Sparks	NASWA

FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	INITS
5075	0938	COLOMBIA	Radio Sutatenza	fair with SS Mx & talks. Nx at 1000.0945 good with talk. PO. PA 0950 good in Spanish.	BCa PG
5250+	0415	AUSTRALIA	Royal Melbourne Institute of Technology	VL3RT good with German language lessons to 0430.	DW
5780	1210	NORTH KOREA	Pyongyang	fair with EE talk. 6576 & 3695 in FF 1915.	
5950+	1900	SWAZILAND	TWR Manzini	good with EE relig prgm. Kendall SADXC. /Jm	Jm
5980+	2056	SOUTH AFRICA	RSA	fair in EE, nx & mx QRM Moscow, also BBC 5975.	
6000	0355	AUSTRIA	ORF Aldrans	10kw int sig, GG ids mixed Budapest. Better signal by 0415.	/BV JM
6025	0345	PORTUGAL	Lisbon International	Svce, excellent in EE.	FE
6025+	1200	USBEK SSR	Tashkent	with EE news & cmtry. Fair-good, //9540.	HdJ
6030	0441	COLOMBIA	Radio Nacional	with SS Nx from RNE. Local id, s/off	0458.
6035	0230	SWEDEN	Stockholm	in FF. AC. S/on with FF prgm, good.	FE. /JM
6040	0325	EAST GERMANY	RBI via Nauen	500kw vg in PP to 0345, then SS.	DL
6055	0935	JAPAN	NSB Tokyo	with Japanese/English lessons, fair.	CS
6065	0200	SPAIN	Madrid	with EE broadcast to 0245.	AC
6066+	0422	COLOMBIA	HJAX Radio Super, Bogota.	Mx & ident, with het.	TD
6070	0450	SPAIN	Madrid	in SS for America, fair. New freq ex 6075 //6100. Also at this time 11880, very good till s/off 0500.	JM JM
6080	0040	BELGIUM	Brussels	in EE to North America, poor.	JM
6080	0800	USA	VOA Greenville	s/off in EE to West Africa, fair thru RNZ.	BC
6095	0823	COLOMBIA	HJIW PA.	0835 Voz de Centro fair till AFRTS at 0850.	PG
6095	0320	POLAND	Warsaw	with EE mx prgm for Nth America, fair.	JM
6100+	1830	YUGOSLAVIA	Belgrade	fair in EE with nx, cmtry & mx.	BV
6110	1125	PHILIPPINES	VOA Tinang	with EE Nx and 'Music USA', fair.	JB
6115+	1729	EAST GERMANY	Stimme der DDR, Berlin	good with GG Nx. Id 1730.	DW
6130	0945	ECUADOR	HCJB Quito.	EE DX prgm, fair. CS. Good AW+ 1030 //9745.	JB
6155+	0550	GUINEA	Conakry, over Vienna.	FF Nx at 0600. Padula ADXN	
6175	2358	CANADA	BBC via Sackville	s/on with tx id, then BBC WS. Poor.	DL
6185	0610	LIBYA	Tripoli	sometimes fair-good in AA.	FE
6195	1830	MALAYSIA	BBC Far Eastern Station	strong, closing in EE.	JB
6900	0515	TURKEY	Turkish Met Radio	fair with Turkish Mx.	PG
7170	0255	GREAT BRITAIN	VOA Wooferton	in Ukrainian, good. EE ident.	PO
7220	0445	MOROCCO	VOA Tangiers	in Polish. Fair reception.	BG
7235	2035	ITALY	RAI	fair to good in EE. (9690 with EE poor at 2100. BG)	FE
7260	2120	EAST GERMANY	RBI Berlin	EE, fair reception. BG. 2215 fair.	DD
7275	0600	NIGERIA	Lagos	poor with EE Nx. JF. Voice of Nigeria //15185.	PO
7285	2125	MALAGASY	Radio Nederland Relay	Int/sig & s/on in Indonesian.	PE BG
7325+	0637	GREAT BRITAIN	BBC London	with EE prgms, fair-good.	HdJ
9009+	0245	ISRAEL	IBA	s/on in RR, but quickly jammed. //9815, 11960, 12025.	TD
9420	2000	NORTH KOREA	Pyongyang	in EE to Europe. New freq ex 9415, fair.	JM
9560	2030	BULGARIA	Radio Sofia	excellent in FF.	PO
9570	1100	PHILIPPINES	Radio Veritas	with ident & freq anct in Indonesian & EE. SG. Philipino/EE ids, testing with former SEARV tx. 1115 test transmission. AC Also using 11950kHz.	PO
9570	0130	ROUMANIA	Bucharest	good in EE. BG. 0300 in SS. AW+ 0400 EE s/on.	
9570	0740	NETH. ANTILLES	TWR Bonaire	s/on in PP under RA, fair.	JB /JB
				0930 SS rlg prgm, good. BG. 1012 in GG. //11895 good.	Jm
9590+	0130	CHILE	Radio Presidente Balmaceda	with SS mx till Bonaire 0200.	
9595+	0100	BRAZIL	ZYN29 Radio Cultural de Bahia	with PP ident.	TD. /TD
9625+	0600	VATICAN	Vatican Radio	with nx in EE, FF, Italian & GG.	AW
9630	2040	SWEDEN	Radio Sweden, Stockholm	with poor signals.	BG
9635	0520	USA	VOA Greenville	in Hungarian. Later in Czech. Good.	CS
9635+	1645	MOZAMBIQUE	Radio Clube de Beira	id hrd at s/off, fair. QRM from Singapore till 1630.	
9645	0001	NORWAY	Oslo,	poor with EE News. JF. Good 0300-0430 //11860 & 70.	
9655	0415	CANADA	RCI Sackville	vg RS. 0515 Nx, wx in EE. DW+. 0500 s/on /TD+ in EE to USA //6135. Also hrd s/off 0500 //11940, 6085.	JB
9660+	0335	VENEZUELA	Radio Rumbos	over jammer. Hilarious id & gongs!	TD
9690	1658	AUSTRIA	Austrian Radio	with fair signal in GG.	DL
9690+	0100	ARGENTINA	LRA32 RAE	with good signal but awful modulation.	TD
9695	0130	SWEDEN	Stockholm	to Nth Am, good. LR. 0242 fair in EE.	DW+

<u>FREQ</u>	<u>TIME</u>	<u>COUNTRY</u>	<u>STATION</u>	<u>PROGRAMME & RECEPTION DETAILS</u>	<u>INITS</u>
9715	0445	USA	WYFR	Family Radio heard closing in EE, good signals.	BH
9720+	0540	SWAZILAND	TWR	Manzini good with EE religious prgm. Kendall	SADXC
9730+	0045	BELGIUM	ORU	Brussels with DX prgm in EE, poor.	AW
9770	0132	AUSTRIA	Vienna	good in EE. 6155 hrd in EE fair at 0141.	JMn
9770+	0335	ECUADOR	HCJB	quito, poor in EE due severe QRM.	AW
9850	2245	EGYPT	Cairo	with AA talks. Fair only. Bca. 0300 'Voice of Arabs'	AW
9915+	0630	GREAT BRITAIN	BBC	Wooferton in FF with nx, cmt. Poor-fair.	HdJ
11535+	1034	NORTH KOREA	Pyongyang	fair in EE. Talk on revolutionary thought.	PG./HdJ
11630	1845	INDIA	All India Radio,	Delhi good in EE.	GH
11680	0315	GREAT BRITAIN	BBC	London very poor with 'The world Today'	GH
				0515 fair in AA. JM. 0945 World Cup Cricket final, weak.	DL
11685	0500	SAUDI ARABIA	Jeddah	in Turkish. Mx prgm, fair 28/6.	JM
11705	2155	SWEDEN	Stockholm	with id 'Radio Sweden' in several langs incl.	
				EE, exc. GH. 2300 EE fair. Bca. 0230 EE poor. PR QRM USSR 11700.	BV+
11720	2302	USSR	Radio Moscow	EE Nx, good. JP. 0040 Radio Kiev. 0100 Moscow.	BG
11740	0530	VATICAN STATE	Vatican Radio	with religious prgm, good.	CS
11755+	0400	ROUMANIA	Bucharest	on new freq ex 11790. Fair in EE.	BV
11775	0130	SPAIN	Madrid	s/on SS to Americas, strong. Id 'Radiotelevision	
				Espagnola'//9360,9530,9630,11945. JB. 0220 Noblejas good in SS. DW	
11785	0345	EAST GERMANY	RBI	Berlin vg in EE. RS. 0415 s/off. GH. 0536 GG poor.	
11790	0903	INDONESIA	Voice of Indonesia	EE nx, very poor. CS. Good EE. JMn/HdJ+	
11800	0537	ETHIOPIA	Radio Voice of the Gospel	ETIF, EE nx. Heavy QRM.	CS
11810	1329	INDIA	All India Radio	EE s/on then nx, good.	BCa
11815	0048	NETH. ANTILLES	TWR	Bonaire EE fair. JMn. 0100 fair. BG. 0115 fair.	GH
11825	1640	WEST GERMANY	RFE	vg with EE annct. Music prgm.	RS
11835	1046	SRI LANKA	Ceylon Broadcasting Corp	fair in EE with talks.	JMn
11835+	0315	URUGUAY	CXA19	with commercials & id 'El Espectador Informa'.	TD
11840+	0330	EAST GERMANY	RBI	s/on in EE, //11890. TD. 0415 low frequency.	BV
11845	2253	AUSTRIA	Vienna	good in GG till Radio Nederland on at 2257.	DL
11850	0315	USSR	Radio Moscow	vg. Nx 0330. GH. 0205 RM via Vinnitsa in EE.	DL
11850	2344	SWITZERLAND	SBC	Berne fair in GG with mx, talks. S/on at 2300.	BCa
11865+	0050	BRAZIL	Radio Clube de Pernambuco	with Soccer. Seemed // to commentary on Radio Nacional 15445 at this time.	TD
11905	1040	THAILAND	Bangkok	heard with station annct in EE.	BH
11905	0350	ITALY	RAI	Rome with ident & int. sig. Very severe QRM.	GH
11910	0100	HUNGARY	Radio Budapest	vg in Spanish, //9833 fair.	JMn
11915	0312	ECUADOR	HCJB	EE rlg prgms, fair. RS. 0350 QRM from Budapest.	GH
11925	0200	SPAIN	RNE	Madrid good in EE. 0304 EE to Nth America, good.	PR
11935	0440	PORTUGAL	Lisbon,	International Service nx. Id 0500. Fair.	GH
12035	1000	NORTH VIETNAM	Hanoi	s/on in EE. PA. Nx, cmt, mailbag, fair.	HdJ+
15110+	2030	NZ	Radio NZ, ZL21	good when I arrive home from work, 0000, 0300. TD	TD
15115	1200	USBK	SSR	Tashkent good in EE with prgm to Asia.	BH
15120	0000	LEBANON	Beirut	in AA to Latin America. SS 0030, fair.	JM
15125+	1400	EAST GERMANY	RBI	in EE to Asia, good. New freq ex 15100. Gammon	SDC
15165+	1100	MALAGASY REP.	Radio Nederland	Relay fair in Dutch. Ex 15320.	BV
15165	2300	TURKEY	Ankara	with Nx in EE, then mx to 0115. New freq //9515, fair. JM. 0030 TRT in EE, fair. //9515 poor. Turkish at 0530.	FE
15175	1100	NORWAY	Radio Norway,	Oslo fair in EE.	FA
15185	0550	NIGERIA	Voice of Nigeria	int sig, Bells, Drums then nx. Weak.	PR
15190+	1640	NETH. ANTILLES	RN	Bonaire special feed to CJVB Vancouver for rebroadcast on 1470 at 1700. Exc, also on 11820.	TD
15200	2230	AUSTRIA	Vienna	very good in EE and German with talks & mx.	RS
15205	2345	PAKISTAN	Karachi	opens in Urdu. English at 0000.	AC
15245	0710	WEST GERMANY	DW	Cologne fair in Bengali to Sth Asia //17825.	JM
15265	0930	HOLLAND	Radio Nederland	EE to Europe. New freq. Ex 15110?	JM
15290	0638	SYRIA	Damascus	fair to good in AA 25/6.	FE
17775	2145	LIBERIA	VOA	Monrovia good in EE, 'Press Conference USA'.	CS
17840+	0659	SWITZERLAND	SBC	Berne fair in EE with talks.	HdJ
17780+	0633	SOUTH AFRICA	Radio RSA	with pops. 'Good Morning Africa', EE. HdJ	HdJ
17850+	0605	AUSTRIA	Vienna	fair in GG with Talk on old Viennese building	HdJ

The usual squeeze. Thanks to all contributors!

ARTHUR CUSHEN'S SHORTWAVE REVIEW

19

Radio Veritas has been heard testing and announcing a new address for reception reports. The station plans to resume its service to East Asia in a few months. Frequency changes made since May 4 affect several stations.

All Times are GMT, all frequencies Khz.

CANADA Radio Canada International has dropped the use of the Malta relay 0600 to 0800, and now broadcasts from Sackville on 6145 9605 and 11915. The management of RCI have announced that the South Pacific Service will standardise on 0800-0900 throughout the year and not have the seasonal change in September. The frequencies 5970 and 9625 will be used.

ECUADOR HCJB has made some changes to its May 4 schedule and these include 1800-2200 on 15300 which is a schedule extension. 1800-2130, 17715 replaces 17855; 2030-2200, 11845 replaces 11835.

GERMANY SWF on 7265 is heard with popular dance music at 0130, with news and station announcements at 0200.

HOLLAND Radio Nederland is using 15265 in place of 15110 for its tests to the Far East from 0930-1050. The new frequency however suffers from interference from Moscow on 15260 and Peking on 15270.

INDONESIA Jakarta is being heard on 7190 with interval signal and opening at 1000 followed by a spoken programme, and jazz at 1007. Some side-band interference from Japan on 7195.

JAPAN The General Service is heard on 15310 from 0900-0930 but it is mixed with the BBC Far Eastern Station. The General Service is also carried on 9505 and 15195.

SOUTH KOREA The Voice of Hope is heard opening at 0900 on 6345, with news at 1000. KBS Seoul has announced that when their 250kw transmitter is put into service they will broadcast a fifteen minute programme for Indonesia.

PAKISTAN Karachi is heard on 15205 from 2345 to 0045 in Urdu, with English news at 0000. Prior to 0000 VOA Dixon is on the same frequency.

PHILIPPINES Radio Veritas is again testing on shortwave and uses 9570 and 11910 from around 1015 to after 1200. Reception is best after 1100, when the programme is beamed to East Malaysia and Indonesia, with irregular announcements in Indonesian and English in a music programme. An East Asia service is planned in a few months. Reports from listeners are requested to the new address: Radio Veritas Overseas, P.O. Box 18373, Quezon City, Philippines.

SPAIN RNE is being heard on 6065 and 11925 at 0200-0245, and 0300-0345 in English with good signals.

SRI LANKA A DX Session from Colombo conducted by Adrian Peterson is heard on Sunday at 0420 on 15425. There is some interference from VLW15 on the same frequency.

USA VOA is now using 15205 instead of 15300 to Oceania from Dixon 2200-0000. Additional frequencies from Dixon are 17820 9545 and 15290.

BANDWATCH produced this month through the efforts of:-

FO Paul Ormandy BH Bill Huddleston RC Ray Crawford RS Rod Saintry
BC Bryan Clark GH Gordon Hutchison SG Steven Greenyer BG Brian Gall
JF Jack Farrow LR Lindsay Robinson JB Jim Benzoni DD Des Davey
FG Philip Garden ECA Bruce Cavanagh FR Paul Rawdon TM Tony Marr
AC Arthur Cushen JMN John Martin PE Paul Edwards CS Cecil Symmes
CD Chris Davis JM John Mainland PA Paul Aronsen
and from overseas: Bill Vogel, South Australia (BV) AW Alex Wellner, Sydney
DW Dick Whittington, Melbourne HdJ Hans de Jong, Tasmania and TD Theo
Donnelly, Vancouver, Canada with his first spin on his new BW XCR-30.

..sign off..

HIGH POWERED UGANDA The first of the two 250kw Brown Boveri transmitters for Radio Uganda's External Services station at Soroti, arrived at Nairobi in Kenya on 30 April. The new service is scheduled to commence in time for the OAU Conference being held in the Ugandan capital later this month. According to the Minister of Broadcasting programmes will be produced in English, French, Arabic and Swahili, to serve neighbouring countries and areas further afield like North & South America, Europe and the Middle East.

BBC MS (copyright)

TUVALU is the name of a new state that will be created on 1 October 1975 when the Gilbert and Ellice Islands become separate states. Capital of Tuvalu will be Funafuti, but no changes in broadcasting are yet known. Another new country may be created as a result of moves by Bougainville to break away from Papua-New Guinea.

via Tony King

SELL

SELL. New Eddystone 1001 communications receiver. 550 khs to 30 Mhz in five ranges. \$800. Apply to D. Garay, 118 Princes Drive, Nelson, or phone 6629 Nelson.

market square

FOR SALE: Heathkit "Q" Multiplier. Mains operated, 455/465kHz IF. As new never used due different coils in seller's receiver. Price \$25.00. Reply to P.G.Aronsen, Box 1145, Invercargill.

ADVENTIST WORLD RADIO (The Voice of Hope) was scheduled to begin broadcasting from the DW relay station in Kigali, Rwanda on 1 July. Initially a 30 minute transmission in Swahili and 30 minutes in Amharic will be aired once a week. Reception reports and correspondence re these broadcasts should be addressed to The Voice of Hope, P.O.Box 145, Addis Ababa, Ethiopia. Exact times and frequencies not yet known.

via Nigel Greene

NEW ZEALAND RADIO DX LEAGUE

ADMINISTRATIVE OFFICE

P.O.Box 1513, Invercargill

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

EDITORIAL OFFICE

P.O.Box 2956, Wellington.

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

Closing date for contributions:-

First Wednesday of the Month.

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

ANNUAL SUBSCRIPTION: NZ\$4.00

Joining fee surcharge of \$1.00 for new members only. Rates to overseas available from Invercargill.

AUSTRIAN RADIO's schedule to South East Asia and Australasia, until September is 0400-0600 GMT on 17840kHz, 0600-0900 on 17850, 0900 - 1000 on 17870, 1000-1200 on 17785, 1200-1400 on 17740 and 1500 -1600 on 15305. 100kw transmitters at Moosbrunn are used. Address for reports - Austrian Radio, Technical Dept, P.O.Box 200, A-1043, Vienna, Austria. Paul Ormandy

RADIO NORDSEE INTERNATIONAL's ship Mebo II, which was seized by Dutch Police last October, is now free with all equipment intact. This action was permitted provided that the ship left European Waters and it is now apparently heading for Gambia in West Africa to recommence commercial broadcasting. SCDXers

RADIO LIBERTY is the title of a programme aired from Sines, Portugal on 6115kHz at 1700-1800 weekdays and 1200-1300 Sundays. The transmission begins with the following announcement "This is Radio Liberty, a Portuguese Voice for the Portuguese Workers in Europe; a broadcast of the Ministry of Social Communication in Lisbon."

BEC MS copyright

INDEPENDENCE will be celebrated by Papua-New Guinea on 17 September. Angola will be fully independent of Portugal in November.