



NEW ZEALAND DX TIMES

Registered at P.O.H.Q. Wellington as a magazine

VOLUME 31 No. 3

NOVEMBER 1978

LEAGUE A.G.M.

The 30th Annual General Meeting of the League in Oamaru on 14 October was marred by the non-arrival of the Southland Branch and Administrative Committee contingent from Invercargill, due to the worst flooding in Southern NZ for over a hundred years. But the 'show must go on' and some 25 members, wives and friends met at the Brydone Hotel for a luncheon followed by the meeting proper. DX Times Editor Bryan Clark was elected Acting Chairman and Peter Grenfell Acting Secretary.

1978 marks not only the League's 30th birthday but also 50 years of organised DX listening in NZ, for it was in 1928 that the forerunner of the "Listener" began a feature called 'The DX Club News and Views'. Throughout these years the name of Merv Branks was synonymous with DXing in NZ, and the meeting observed a minute's silence in memory of our late patron.

In matters arising from the 1977 AGM, Arthur Cushen advised that Radio New Zealand were still considering the proposal that a combined radio archives be set up by RNZ and the League. Rules for a Dxing category in the Duke of Edinburgh Award Scheme have been completed and some participants are already reported. Suggestions for reactivation of a Utility section in the Times did not receive any support from members.

In his annual report (circulated after the meeting), outgoing National President Sutton Burtenshaw noted the steady increase in membership past 500, the successful 1978 Convention near Invercargill, and the continued high standard of the DX Times. He also commented that the year had been a difficult year for the branches in maintaining an active membership. All members living near an established branch were urged to make contact with it, as there were many benefits to be gained from participation in a branch's activities. League accounts for the 1977/78 year recorded a drop in profit (ie excess of income over expenditure) from \$590.84 to \$207.62, while the Stationery Account, now handled by North Otago Branch, had a profit boost from \$29.12 to \$90.33.

The Editor's annual report highlighted the restructuring of editorial responsibilities during the year, with decentralising of shortwave and mediumwave section preparation to Auckland and Invercargill respectively. In anticipation of his resignation as Chief Editor in 1979, Bryan Clark stated that further diversification of duties was underway. A special plea was made for members to observe the contribution deadlines each month.

League PRO Arthur Cushen reported a record number of enquiries during the year, mainly arising from his feature in the "Listener" which has a weekly readership in excess of one million. Peter Grenfell advised that the League DX Archives had received several fine collections of early QSLs and DX literature during the year. Further publicity would appear in the DX Times to promote this activity. Stuart Forsyth presented archive material. . page 8.

SPECIAL

INSIDE - a four page pullout draft listing of the Frequency Plan for Asia & the Pacific, effective 23 November 1978. The list is far from complete, but summarises all information received to date. No official Australian list has yet come to hand, so that info is tentative. The Japanese listings do not include stations of 1kw power or less. Info courtesy WRTVH Newsletters, IRCA, IDXCI, Tune In, Far East DX Review, Adrian Peterson & Kazunori Ushigome. For those wanting to keep their magazine intact, EXTRA COPIES of the 4-page listing are available from Box 2956, Wellington for a self-addressed and stamped (11c) envelope of the 9" x 4" type. INSIDE - ORDER FORM for your 1979 World Radio TV Handbook. Prices apply to NZ members only. Aussies - send IMO for A\$13 for airmail copy

CLOSING DATE FOR CHRISTMAS ISSUE - MONDAY 4 DECEMBER AT 12 NOON. ALL CONTRIBUTIONS TO P.O. BOX 2956, WELLINGTON - DON'T FORGET LADDER FINALS & BEST-OF-MONTH ENTRIES!

2 FROM THE BRANCHES

SOUTHLAND The October meeting was held at Eric McIntosh's with 12 present. President Steven Greenyer welcomed Vic Tilling to the meeting, discussion on the Annual Meeting at Oamaru followed, while Sutton Burtenshaw talked about his recent visit to Australia and visits to Melbourne, Canberra, Sydney, Brisbane and Gold Coast. A DX chat followed and African reception at dawn being the highlight. Next meeting at Arthur Williams on 28 November, guest speaker member Kingsley Sampson from Uganda. Best of Month results: BCB Frank Glen KLCL Lake Charles La. 1470 5kw, merit Eric McIntosh 6NM Mt Newman 570 100w. SW to Eric McIntosh with Uganda 15325 250kw and XEQM Mexico 6105 250w.

AUCKLAND The October meeting was held at the NZART Clubrooms on the 28th with 16 present and 1 apology. Bryan Marsh gave a brief summary of the recent League AGM in Oamaru. It was decided that branch competitions would be reintroduced on a trial basis as from next month. A family barbeque-branch breakup for 1978 will be held at Bill Huddleston's, 10 Nile Road, Kelston, Auckland 7, on Sunday 10 December. If you and your family plan to attend, please notify Bill by letter or telephone 818-3178. The next branch meeting will be held at the NZART Clubrooms on 26 November at 2.00pm.

WELLINGTON The October meeting was held at Bruce Williams' on the 27th, with 8 members present and 4 apologies. The meeting featured a very interesting talk on the workings of the Shortwave Service of Radio NZ, presented by Geoff Haggett, the man behind the operation. Following Mr Haggett's talk Bryan Clark presented a report on the League's Annual General Meeting. This in turn was followed by a brief talk by Paul Edwards on a recent DXpedition he made to East Cape with Chris Mackerell. Following supper, the meeting concluded with a short listening session on a new Yaesu FRG7000 receiver. Competitions - SW Senior: John Mainland with NHK Sines 11825 and Bayrak Cyprus 6110kHz. The next meeting will be held at 8pm on Friday 24 November and will feature a talk by the local Radio Inspectors. The venue will be confirmed in the branch newsletter "Capital DX". Those not on the circulation list should ring Bruce Williams 859-121 for details.

HAMILTON Hamilton members held a get-together at Jim Benzoni's residence on 10 October, with 3 present and 2 apologies. An interesting discussion on receivers and DX generally was held. It is not envisaged that an organised branch be set up, rather the opportunity for a regular exchange of DX info amongst members in the Hamilton area. It is hoped to have get-togethers at regular intervals (approximately every 6 weeks), with the next to be held at the end of November. Any members who have not already been circulated should contact David Munn (Ph. 492667) or Jim Benzoni (54695) for further information.

(Ed's Note: We're always pleased to hear and report on any get-together of members to discuss the hobby. It makes a big difference to be able to share our hobby with fellow enthusiasts, to the benefit of all!)

BANDWATCH CONTRIBUTORS: Thanks to 21 members this month...CS Cecil Symmes CH Chris Hatten
AD Arthur De Maine PH Philip Hamlin JB Jim Benzoni DM David Munn DMi Des Mills PR Paul Ramsay
RCh Robin Chambers DO David Osborne BC Bryan Clark LM Leigh Morris JS Jack Searle AC Arthur Cushen
DWr David Webber PO Paul Ormandy BW Barry Williams JPB Jean Pierre Buoncore (France) and our
GVG Victor Goonetilleke (Sri Lanka) Australian contingent DW Dick Whittington & DMI Don Mitchell
Sorry for squeeze! A lot of material had to be held over this month!

BOX 2956 DIDN'T WE DO WELL! League members scooped the pool in the 1978 DX Contest sponsored by Radio Monitors International (see page 16 9/78 DX Times) with the first 4 places and 10 out of the first 26 places. First prize went to Douglas Doull of Auckland with 15 out of 16 interval signals identified. Douglas receives a bronze medallion. In second place, also with 15 points, was Victor Goonetilleke of Sri Lanka, followed by Bryan Marsh of Auckland and Leigh Morris of Palmerston North with 13 points. Other Kiwis on the prize list were Bill Huddleston Auckland (8th), Arthur de Maine Auckland (13th), David Hughes Palmerston North (15th), David Munn Hamilton (21st), Jack Searle Hawkes Bay (22nd) and Eric McIntosh Invercargill (26th). Congrats to all prize winners, and to Adrian Peterson of Adventist World Radio - Asia, for another successful competition. Broadcast times for Radio Monitors International are 0415 on 9720 and 15425kHz, 1900 on 9720, 11870, 15115 & 17850kHz - both these on Sunday GMT, and Mondays at 1115 on 11835, 15120 and 17850kHz. All are via the facilities of the Sri Lanka Broadcasting Corporation.

FM WHEN? Jim Donachie of Upper Hutt has been hearing a mystery FM stereo station with album music right thru the evenings. Frequency 91.5mHz or 91.95mHz. Anyone else hearing this? Jim would also like recommendations on someone in the Wellington area to repair his Grundig Satellit 2000 receiver. Let us know at Box 2956 and we'll pass on. Incidentally the mystery FMer was first noted by Jim on 10/10 and still there 30/10. Ray Hobman wonders if the only way NZ will get FM is via satellite from some other source. He notes that the 1978 Social Credit Election manifesto promises FM radio licences. (My bet is now for 1979 Ray. Fingers crossed. Ed)

BROADCAST DX

por el personal necesario

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From 23 October to 5 November inclusive, the Broadcasting Corporation of New Zealand station, "Radio Ashburton" provided community programmes during the Ashburton Centennial Celebrations. The caravan mounted 1,000 watt Toshiba SS 2683 E transmitter operated 24 hours daily on 870 kiloHertz. Although the call-sign has been widely reported as 3ZE, one QSL card is clearly typed as ZL3XE. As we understand it, the X call is only assigned to private commercial and experimental stations. Therefore if RNZ operate permanent from Ashburton the call will then probably be 3ZE. (Arthur Cushen)

Radio Avon was apparently granted a short term licence for the same period as the above article, with 100 watts, but refused to go on air unless they also had 1,000 watts. Negotiations could not be concluded in time. (David Ricquish)

Radio Rhema, callsign 3XG, opens on air 11.00am, 11 November 1978, with speech by Mr Muldoon. Frequency is 1570 khz for 12 days until 23/11 when the change will be made to 1575 khz. Hours of operation; 6.00am-12 noon Monday/Friday, and 6.00am - 12 midnight Saturday/Sunday. Power will be 2,000 watts. Reports are invited to P.O. Box 2420, Christchurch. (David Ricquish)

TV & Radio Services, Christchurch, carried out a field survey for Radio Otago late September into early October. Tests were made on 1360 khz from Alexandra, Cromwell, Queenstown and Wanaka. (Keith Robinson)

Radio NZ is applying for warrants to set up National Programme relay stations in New Plymouth & Taupo during the 1978/79 financial year. Warrants are also being sought to add local originating programming to the relay stations in Turangi, Hawera, Kaikohe, Kaitiaki, Alexandra & Queenstown. Future plans include National Programme relays for Wanaka & Te Anau. (Radio NZ via Bryan Clark)

The short-term warrant for the World Rowing Championships at Lake Karapiro, turned out to be approval for three RNZ stations in the area, 1ZH 1310, 1ZC 1350, and 1ZD 1000 to broadcast 24 hours commercial programming 30 October-6 November. (Bryan Clark)

Remember Radio U, Canterbury University? They have applied for a short term warrant for February-March, with slogan 'Radio Therapy' (presumably 3XT) and power of 100 watts on 1232 khz. QSL Manager will be member Stuart Forsyth who will gladly verify correct reports with return postage included. There may also be a DX Special, but more news as it comes to hand. (Stuart Forsyth)

*Radio NZ transmissions have been noted on 1116 khz and 1183 khz (somewhere South of here) since 26/10." (eeny meeny or minny mo.....(ed) (Robin Chambers)

First out of the mailbag this month is stalwart of the North Otago Junior Section;

PAUL RAMSAY, Oamaru has reports out to 3XA, 2ZG, 2ZB, 1ZB, 4YW, 2ZD, 2ZK, 1ZE, 1YX, 2YC, 1ZO, 2ZE, 4ZA, 3ZB, 4ZB, 1YC, 1XA, 1YA, 1XI, 2XW, 3ZM, 3ZA, 2YA, 1YZ, 2YW, 2YX. Postie has returned with QSLs from 2SM, 2ZP, 2YD, 3XA, 2ZG, 2ZK, 3ZB, 2ZE, 3ZM, 2ZB, 2ZD, 3ZA, 1XA. Tnx Paul.

KEITH ROBINSON, Kapuka reports BCNZ test 1190, R. Otago tests in Central Otago, KPOI, 3CR, 2BE 750, & WDIA 1070. (nice one) Veris are to hand from Bari 1115, Ahwaz 1386, 1ZB, 2YD, & New Caledonia 1260. Ta

ROBIN CHAMBERS, Opunake reports a very quiet month with only log as ZL3XE 870. Veris have arrived from 2YD and 3XE. (those tests sound interesting....(ed)

DAVID RICQUISH, Christchurch, has reports off to RNZ CHCH T/T 4/10, R. Ashburton 870. Qsls are in from KCTA 1030, KGB 1360 (with Ekko stamp) KYNO 1300, KVEN 1450. ..oops nearly forgot, an Oamaru log of KATZ 1600. Giddy David.

IAN CATTERMOLE, Blenheim has lone QSL in from 2YD R. Yesterday.

SPECIAL

See pages 9-12 this month for a draft list of Asian and Pacific area stations with

their new frequencies effective 23 November, and page 5 for late corrections and additions. Next month, details of Middle East/European changes.

DX SPECIALS

KDLG, Box 670, Dillingham in Alaska 99576 has a DX Test on Monday 18 December for 1 hour commencing 1010 or 1015 GMT. Power 5kw ND. Reports to General Mgr Les Robinson. per DR & NRC. Also KADE Boulder Colorado tests 4/12 on 1190 1kw 0700-0800 GMT NRC

MAILBAG continued.....

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ARTHUR WILLIAMS, In-gill has logged KATZ at Tiwai and R. Ashburton at home. One terribly lone QSL is 2YD Congrats on your 'T' cert.

JOHN CAMPBELL, England has only QSLs from 2YD, Swaziland 881, Oman 1035. Have you erected an antenna yet John?

HANK WILKINSON, 5028 Maiden Lane, Santa Rosa, CA 95405, U.S.A., has reports out to R. Tahiti 740, 2BY, 2NU, 4QL, 4BH, CMAF 882/3 "Radio Progresso", & KBS 880 & 890. Veries have arrived from 4BH & 4QL. Tnx. Hank would like to hear from down under DXers with experience in QSLing Asian stations. (Answers to your other queries should be found elsewhere in this issue....(ed))

BRYAN CLANK, Wellington has reported 3ZE 870, KATZ 1600, KCBQ 1170. While verifications are in from 2BS & 3ZE.

NORM MAGUIRE, New Mexico reports snow covered mountain tops and the next day's temperature to be warming 27/28 deg C as well as XERPC, XEV 1390, TIJC 625, XETNT 650, XECC 1240, XEQR, KPAB, KAMA, XEZM 650, KAAM 1310, KIKK, KLBJ, KXEG, KKKQ. Still on tape & yet to be reported are Colossal 1005, CMRR 700, Rumbos 1210, 4VEC 1035, XETZ, CKRM, KVEG 1400 and an FF on 660. QSLs have come in from KHLO, 2YX, WSZO, XERPC, XEHO, Tahiti 740, KPAB, KAAM, KLBJ & XEYJ. Tahiti made country 82. Tnx Norm. Always good to hear from States

LEIGH MORRIS, Palmerston North has a verie from 2YD and an equally lone report as 3ZE 870. Ta.

JOHN ALLCHIN, Auckland has one log in XZK-1 Rangoon 955 with QSLs from Hong Kong 545 and WCAU after 9½ mnth Hope those exams have gone O.K.

DENE LYNNEBERG, Wellington has a lone report out to 3ZE 870.

ARTHUR CUSHEN, In-gill has reported 3XE 870. The postie has been with 2YD and wait for it, KGVW Montana 630 on a ppc, logged 6 Feb 1961!!! Arthur says "all good QSLs come to those" etc.

PAUL RAWDON Eastbourne has a lone report away to WXLE. Now on 1386.BC

STUART FORSYTH, Christchurch has reports out to KVOO, ZK1ZC, KATZ, KCBQ from AGM and 4YW, 4YQ, 7SD, 3WM, VOA Thailand, 3ZE, and 2KY. The postie has left veries from Radio H Canty, 5CK, 5PI, KEX, KCBQ, 3ZE 1st report & 1st QSL) Stuart comments "...further R.U. broadcasts are planned in New Year...." Thanks for info Stuart.(ed)

G. AGNEW, Auckland in two letters has reports and verifications seemingly mixed each time. However by process of 'luck' we think the following are actually loggings with reports out to 3TR, 2NX, 2ZM, 1ZU, 1Z0, 1XX, 4XO, 3ZM, 3ZB, 2MO, VOA 1580, 4IP, 2JJ, 2GB, 2BL, 5MV, 2ZD, 2FC, 1ZE, 3YC, 2ZC, 1ZC, 4ZB, 2YB, 2ZB, 2YA, 1YZ, 2YC, 4YW, 2KY, 4YQ, 1YW, 3ZC, 2YX, 2ZA, R Active, 3YA, 2ZW, 4XD, 1ZA, 3ZO, 2YM, 2YZ, 4YZ, 4YA, 1YX/1YK, 1YE, 4ZB, 2YW, 4YC, 4BC, 3MP, 2ZK, 1ZT, 2NU, 2KM, 7LA, 4CA??(ed), 2CH, 2ZE, USSR1250 2DU, 2ST, 2HD, 4BK, 5SE, KHVH, 3VL or 3UL, 7SD, 4AM, 4GY, 2GZ, 2VM, Fiji 560 & 680, 2RG, 3HA, 2GN, 4BH, 6WB, BBC World Service 1450, (can anyone help?) 7BU, World Rowing Radio (this is a Network only, not a separate station.. ed) 3ZE. Hopefully, QSLs are 2XA, 2HD, 4AM, 2GZ, 2VM, 2GN, 3YR, 3YW, 4YW, 4YQ, 4BH, 4ZB, 2ZN, 4GG, 6WB, 3TR, 2NX, 2ZH, 1Z0, 4XO, 3ZM, 3ZB, 2MO, VOA 1580, 2GB, 2BL, 5MV, 2ZD, 2FC, 1ZE, 3YC, 2ZC, 2YB, 1YZ, 2YC, 2JJ, 1YW, 2YX, 4ZA, 2ZA, 3YA, 4XD, 2YM, 2YZ, 1YK/1YX, 1YE, 4YZ, 3YZ, 2YW. (As far as we know 2GL is still on 820 not 1210. You may have a case of mistaken ident. Loggings and reports go together and QSLs and verifications go together.. in other words, the same as..ED)

SUTTON BURTENSHAW, In-gill has reports out to 3EA 1120 while at Harry's in Melbourne, 3MT 720 from Cann River and 4CD from Noosa Beach while R. Ashburton was logged at home. The postie has left veries (all ppc) from 4CD, KBBQ 1590 & KLCL 1470. (Guess who blotted out 3MT? why, 4YZ in NZ of course...of course)

PAUL ORMANDY of Camaru has a QSL from 2ZB at long last. Reports are out to 2ZB, 4QA, 7NT, 3CV 1070 ex 1060, 7SD, 5CK, KCBQ, 7AD, RNZ site test Spencerville Beach 1190, 1/10.

CHRIS MARTIN, Sydney, telephones in the nick of time his loggings of KATZ 1600, KDON 1460 KLO 1430, KARM 1430, WSAI 1360, & KART 1400. Veries have arrived from KATZ & 2CT 75 watts. Thanks Chris, I guess you're all set for the 'invasion'. Many logs should be had by all.(Ed)

BEST OF MONTH entrants - note that NZ and Australian stations (apart from the low powered 50/100 watters) are not eligible for this competition.

BEST OF THE MONTH

SENIOR: David Ricquish

KYNO Fresno California U.S.A.
1300 khz, 1,000w, 116pts.

TRAIL TRAIL

600 Cook Islds exc 0805 live b/c
no RA News relay AGM
670 Noumea good FF music AGM
700 WLW fair 0730 LM
740 KRMG over KTRH 0910 AGM
750 2BE relay s/off 1306 after Nx KR
770 KOB good 0700 LM
800 XEROK "X-Rock" EE pops AGM
PJB good SS 0830 AGM
820 WBAP thru 4ZA 0715 LM
850 KOA talk show 0715 & 0815 LM,AGM
910 KNEW fair 0740 LM
990 KHVH "CBS Spectrum" 0910 AGM
1020 KTNQ pops YLDJ good 0750 AGM
1030 WBZ "W B Zee" good 0700 LM
1070 KNX strongest stateside LM,AGM
WDIA Memphis Tenn., best on
Mondays when KNX appears to
have a silent period KR
1090 KING Radio mxd XEPRS 0710 LM
1110 KFAB strong MOR 0640 LM
1120 WVUV very good 0630 LM
1160 KSL 0800 o/3ZC LM
1170 KV00 0650 good C & W LM,AGM
KCBQ briefly with Nx,Wx,0850 AGM
1190 KEX good 0720 "KEX-1190" LM
1370 KEEN 0740 good "KEEN Country" LM
1376 Vladivostok with Mayak int sig
0930 in the clear AGM
1386 No sign of WXLE at all! Gone? AGM
1600 KATZ "Power music with Bruce
Nicholls" 0721 AGM

With thanks to AGM various members at
the North Otago Branch Listning Post
after the Camaru Annual General Meet-
ing 14 October 1978, when a Sony ICF
6800W was used with a 700ft longwire.
LM Leigh Morris of Palmerston North.
KR Keith Robinson at Kapuka Southland.

HAWAIIAN HIGHLIGHTS

KAIM 870 is to increase to 50,000 watt
in 1979. KNU1 1310 had an equaliser
installed for an improved signal. KPO1
1040 is weakest signal in Honolulu, in
fact weaker than 1 Kw KZ00 but puts ex
signal into NZ. KPUA is also weak
locally. KIVM may move to 570.

LATE ADDITIONS & CORRECTIONS TO OUR FREQUENCY PLAN LIFT-OUT (pages 9-12)

5

558 4GY Gympie ex 600 COOK ISLANDS
7BU Burnie ex 560 630 10kw x600
delete 2ML 864 1kw x820
603 delete 4GY
666 delete 6BE LORD HOWE IS.
675 6BE Broome ex 670 1494kHz x1490
711 delete 2CT CM
765 2BE Bega ex 1480 NORFOLK ISLAND
846 4CA Cairns ex 1010 1566kHz x1570
864 7HO Hobart ex 860 WESTERN SAMOA
945 3BO Bendigo ex 960 1062 ex 1050
963 delete 3BO 1404 x1420
2RG Griffith ex 1070
990 delete 7BU NEW HEBRIDES
1008 delete 4CA 1422kHz x1420
1026 6NW Port Hedland new address is
1062 delete 3CV P.O.Box 49,
delete 4SB Vila. WRTVH NL
1071 3CV Maryborough ex 1060
4SB Kingaroy ex 1060
delete 2RG PAPUA NEW GUINEA
1170 4GC Charters Towers Add Lae 675 in
1314 2WL Wollongong ex 1430 sync Newak 675
3BA Ballaratt ex 1320 WRTVH NL
delete 2GO
delete 5AD THAILAND
1323 delete 3BA Voice of Free
2GO Gosford ex 1310 Asia/VOA 1000kw
5AD Adelaide ex 1310 1575 ex 1580
1341 delete 2LF Sked 1000-1600
2NX Bolwarra ex 1360 BC
1359 2LF Young AUSTRALIA
delete 2NX 2WS is the new
1431 2WN Wollongong ex 1580 Sydney station
delete 2WL to come on air.
1476 delete 2BE Frequency 122L.
1593 delete 2WN AC JA

Note: Although we have been receiving up
daters from time to time, there are still
many gaps in the official information
available. DXers in this part of the world
can help out with their observations,
particularly of the Pacific countries
Gilbert Islds, New Caledonia, Niue, Tahiti,
Tonga, Solomon Islds, & Nauru.
It is not known if American territories in
the Pacific will go to 9 khz channels.
Hawaii will not, but Canton Islad already
has. No details are yet to hand for China,
Taiwan, Hong Kong, Thailand and other Asian
countries.
In a letter to Stuart Forsyth, 5PI informed
they would shift to 1323. A word of caution,
as they may have been referring to their
Network 'Key' station which is listed as
that frequency.

STOP PRESS 3ZE Radio Ashburton is on-air for a further 28 day period, 13 November to 10 December, and will
carry locally originated programming 6-9am 6 days a week. 870 is frequency till 22/11, then 873kHz. S.Forsyth

6 **CAN-AM REPORT**

NEW STATIONS ON AIR

- 690 WYIS Phoenixville, PA.
- 1060 WNPC Newport, TN.
- 1130 WJTP Newland, NC.
- 1140 WKWM Kentwood, Mich.
- 1340 WYCB Washington, DC.
- 1410 WPNR Kingston, TN.
- 1460 KLTC Dickinson, ND.
- 1570 WFBZ Minocqua, WJ.
- 1490 WRED Monroe, GA.

CALL CHANGES

- 900 WBML* ex WDDO
- 980 WPIP ex WL0D
- 1220 WOMN ex WCDQ
- 1240 WDDO* ex WBML
- 1240 WSOX ex WOCCB
- 1290 WDGS ex WREY
- 1320 KGNR ex KCRA
- 1330 WRRD ex WL0L
- 1400 WQXO ex WGOB
- 1470 WRML ex WWML
- 1570 WLDM ex WDFW

*marked are in
Macon, GA

Radio 1170

KLOK

P. O. Box 21248
San Jose
California 95151

MORE CALL LETTER GRANTS

- 630 KMMA-ID ex KIDO
- 970 WFUN-OH ex WREO
- 1050 WHGI-GA ex WAUG
- 1060 WNPC-Newport, TN ex CP
- 1130 WSJP-Murray, KY ex CP
- 1150 KDLF-TX ex KSUZ
- 1230 KFLL-AZ ex KRIZ
- 1230 KGAM-CA ex KGEE
- 1310 WBIO-NJ ex WQTK
- 1320 KQIQ-CA ex KLAN
- 1320 KKOJ-MO ex KADI
- 1330 WCPQ-NC ex WKVO
- 1380 WNVF-CT ex WOWW
- 1450 WWBB-Madison, WV ex CP
- 1450 WIIN-NJ ex WFPG
- 1460 KCAN-OK ex KELR
- 1470 WWQT-FL ex WDCL
- 1490 WWDE-VA ex WVEC
- 1500 KXVQ-OK ex KOKN
- 1530 KQNK-KS ex KNBI

CONSTRUCTION PERMITS GRANTED

- 710 WQBX-VA - D1 10000/
- 910 New, Lafayette, Ala - 1000 Day
- 1080 New, Huntingdon, PA - 1000 Day
- 1110 WBCA-AL D3 10000/CH2500
- 1190 WHHL-FL D1 1000/
- 1220 New, Lewisburg, TN - 250 Days
- 1300 WMVO-OH - U4 500/500
- 1450 KVEN-CA U2 5000/5000
- 1520 KKEE-MN - D4 10000/CH10000
- 1570 WJES-SC - D1 1000/ on 1190
- 1580 KZIA-NM - D1 10000/

CALL LETTER APPLICATIONS

- 930 KITE-TX seeks KCCW
- 1470 KUTY-CA seeks KUXX
- 1570 WAPL-WI seeks WVMS

CALL LETTERS ASSIGNED TO NEW STATIONS
Not yet on the air.

- 1060 KAYR Van Buren, Ark.
- 1240 KHHA Carlsbad, NM.

NEW STATION APPLICATIONS

- | | |
|--------------------|----------------------|
| 670 HI Hilo | 1140 Blountville TN |
| 770 AK Valdez | 1140 KY Salyersville |
| 790 AR Rogers | 1170 MI Dimondale |
| 910 KY Saloma | 1230 AL Florala |
| 990 FL Miami | 1250 CO Fraser |
| 1070 MT Plentywood | 1330 WA Bremerton |
| 1090 WI Bloomer | 1410 PR Aguda |
| 1090 WI Rice Lake | 1420 TX Granbury |
| 1130 SC Hilo Head | 1520 MS Amory |
| 1130 AL Carrville | 1530 AR Yellville |
| -1010 AL Dora | 1540 VI St. Croix |
| -1050 GA Conyers | 1600 PA Jersey Shore |
- sri out of order.

tnx to NRC

NEWS FROM AROUND THE WORLD

Tunisia; Sfax on 1570 started up with 2 x 600 kW on 6/6/78

Thailand; 923 broadcasts in JJ 1530-1550

Morocco; Rabat on 1043 ends SS at 1800 then goes into FF until well past 2400.

Saudi Arabia; 548 Duba 0400-1700, 611 Guriat 0400-1700, 899 Guriat 0400-2300. Tests have been monitored for these stns, consisting of religious talks, Koran recitations and OC.

Syria; 927 Al-Hasakah is new and on the air 0455-0130. 953 a new station has started in Dayr az Zawr. It is much stronger than the previous tx. (ex 827)

Uruguay; Radio Carve 850 transmits 0925-0500 with 50kW.
extracted from NRC, tnx.

Easter Island The Chilean Air Force operates a station on 690kHz with 250w. Address is Fuerza Aerea Chilena, Easter Island via Chile. WRTVH via C. Martin SDC

KFRC-610

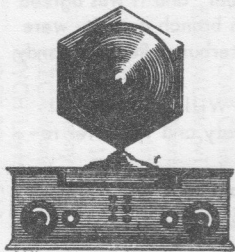
415 BUSH STREET, SAN FRANCISCO
CALIFORNIA 94108
810 KHz 5,000 Watts

RADIO CAYMAN

1565 kHz (10,000w) 1205 kHz (1,000w) & 105.3 MHz FM (250w)
P.O. Box 1110 Telephone 8-4030
Grand Cayman, B.W.I. Cables BROADCAST GRANDCAYMAN



EQUIPMENT REVIEW



TRIO R-820 From Masami Onizawa comes a 10 page brochure 7 together with an English translation covering this receiver. Designed specifically for use on amateur bands converters are available that cover the SW bands from 75m - 13m in 500kHz sweeps. Performance figures are:- Sensitivity, SSB .25uV (.5uV on SW bands). AM 1.5uV (3uV). Stability 10CHZ. Image Rejection, 80dB (50dB). Variable IF Bandwidth, @-6dB 4.3-6kHz, SSB other filters from 150CHZ min. to 6kHz max. are available. Notch Filter, -50dB. This set must come close to being an ideal, practical receiver for amateur use however the reduction in SW performance with the use of converters, (figures in brackets) does not exceed that of less sophisticated models. The addition of items as basic circuits such as variable bandwidth tuning, IF notch filter and IF shift

facilities could well compensate. A price is not available at present.

And now for something completely different! Wellington Branch President Bruce Williams has recently bought himself a new watch. Here are his comments.

SEIKO FCOO1 WORLD TIMER 24HOUR DIGITAL WATCH.

FEATURES: 29 Time zones; Day, Date & Year till 2009; constant setting for GMT; provision for summer time in many parts of the world; all at the press of buttons on the side of the watch, including a light to let you tell the time in the dark.

ADVANTAGES: With Beveridge parties becoming the 'in thing' it is possible for the wearer to have an immediate read-out of the local time in the country being heard or GMT. Provision is also made for the setting of two separate time zones at one time.

DISADVANTAGES: There are only a few, mainly no time or date provision for NZ summertime or for Tonga all observing +13 hours GMT. Neither is provision made for Central Australian standard or summertime at +9½ and +10½ hours GMT nor for Norfolk Island at +11½ hours GMT.

COST: They are not cheap in New Zealand at \$297 retail, but if you intend heading for Australia you can pick one up for about \$152 duty free from Sterling Nicholas Sydney.

OPINION: As the owner you may consider I am biased but I never regretted buying it. It represents value for money and is an excellent DXing aid.



SANYO RP8880 This set sells for A\$204 duty free in Auckland and has been given an extended air test by David J Duke of California in 'Receiver Review'. The RP8880 is a large set weighing around 4.5 kd. Frequency coverage is LW MW Marine and SW 1.6-10 and 11.7-30 Mhz in 5 bands plus FM. Performance details are; Sensitivity 4.5uV MW, 3.1 uV SW all at 6dB s/n. IF Selectivity is Normal 4&18 kHz at 6&60 dB while on Wide it is 6&30 kHz respectively. Two tuning dials are used one covering LW MW Marine and FM the other covering SW bands 1-5. When correctly adjusted the manufactures claim a frequency readout accurate to 2 kHz. Rotatable ferrite rod aerials cover LW and MW, a non-rotatable ferrite rod is used on the Marine band while a massive 1.5 metre whip is used on SW. Screw terminals are used to connect external aerials. The power is supplied from the mains (most voltages) 12V DC or 8 size D dry cells. Band changing is 2 separate operations while tuning to a new frequency can take a further 7! This is a set that a prospective buyer would do well to test fully before buying. The IF bandwidth is rather too wide and the tuning slow. There is also an IF 'gap' from 10-11.7 MHz, some broadcasters are using frequencies in this band and the 25 mb could move into this area soon. The Sanyo RP8880 is a set that would appeal more to a person who is interested in shortwave listening rather than DXing.

Earlier this year REDIFON announced their new model R1000 continuous coverage 15 kHz to 30 MHz fully synthesized plus remote control and memory operation of frequency, mode bandwidth etc. Digital readout is to 10Hz..... Oh well it's nice to dream, the mainframe is only 5000 sterling.

COMING UP in Equipment Review - details of the exciting new Sony ICF6800W communications receiver!

EDITORIAL CHANGES - This month we welcome BRUCE LISTER of Masterton (soon Wellington?) as incoming Editor of Equipment Review, and JOHN MAINLAND of Wellington takes over preparation & typing "Sign Off"

donated by Mr L. Cufflin of Auckland. Stationery Officer Ted Sutton reported a good year, and it was agreed to publicise stationery items and current prices in the DX Times shortly. Brief reports on branch activity were presented by Bryan Marsh from Auckland, Bryan Clark Wellington, David Ricquish Canterbury, Paul Ormandy North Otago and Pete McKellar Otago.

Arthur Cushen was elected League National President for the 1978/79 year, and Arthur Williams National Vice-President. Charlie Chester and Mr Greenyer were reconfirmed as National Secretary and Treasurer respectively.

Subscription increases to meet rising costs were approved, with immediate effect. The annual sub for NZ is now \$7 (with \$1 joining fee for new members); Australian dues have been increased to \$12, and rates to other parts of the world have similarly increased.

It was agreed to approach the NZ delegation to the 1979 WARC Conference, seeking to retain the tropical bands for the exclusive use of the 'tropical' countries. Tony King and Bryan Clark of Wellington were appointed to prepare submissions in support of upgrading the Shortwave Service of Radio New Zealand.

Annual competition awards were announced by Life Member Jack Fox. The inter-branch trophies were awarded in a repetition of the 1977 results. The Albert Stanton Broadcast Cup went to Southland with 3321 points, followed by Wellington 3044. Wellington retained the Hope McGregor Shortwave Cup with 2838 points, and Southland were second - 2620 points. The aggregate Columbus Trophy went back to Wellington, leading Southland by 287 points to 310. Disappointment that only 2 branches were participating in these inter-branch contests was expressed by the Chairman. Individual award winners were - Shortwave Best of Year Paul Edwards of Wellington Comoro State 3331 4kw 131 points, Broadcast Best of Year Cayman Islands 1205 1kw 163 points to Bryan Clark of Wellington, Junior DXer of the Year John Allchin of Auckland. Winner of the Keith Glover 'Boomerang' Award has yet to be announced by Adcom.

Mrs Netta Branks advised that she would be presenting an award in memory of her late husband, the Branks Memorial Cup. It will be awarded each year to the member with the most broadcast band verifications from the Pacific Asian area, that area in which Merv Branks was such a renowned authority. To qualify, verifications must have been notified in the NZ DX Times, and the first award will be made for the competition year ending 30 June 1979. In announcing the award, Mrs Branks said she hoped that the League would continue to prosper, and that younger and newer members would be encouraged to pursue the hobby. She believed it vital that everyone participated in a hobby, and that all would go along with Merv's thinking - that you only get out of a hobby what you put into it.

After formal proceedings were completed, an attractive and tasty anniversary cake prepared by North Otago Branch Secretary Muriel Bloxham, was cut by Mrs Fox. Jack Fox followed afternoon tea with a thoughtful address on the future of the DX hobby and some reminiscences of the League's earlier days. Finally Bryan Marsh of Auckland took the stage with a demonstration of his new Sony ICF6800W digital readout communications receiver.

Our thanks go once again to North Otago Branch for hosting another League AGM!

BOX 2956

JACK SEARLE Haumoana wrote to Jens Frost, Editor of the WRTVH re faulty binding of his 1978 Handbook. Mr Frost replied emphatically: "This will not happen again". (!) In a tribute to Radio New Zealand's 30th anniversary on SW, aired on his Radio Monitors International DX programme over SLBC Colombo, ADRIAN PETERSON reported that the first SW broadcasts from NZ were emitted from a utility transmitter under the callsign ZLT7. This was an outlet of 7½kw which was on the air for just 10 minutes a day, with a news broadcast for the Pacific and Australia. Transmissions began in 1944 and continued for about 3 years, setting the pattern for the new and regular SW service begun in 1948. GRAEME DIXON Auckland advises that he finds the present DX Times envelope troublesome if the weather is wet - the flap adhesive being stuck to the magazine itself. (We have some 9 month's supply of these envelopes on hand Graeme, but I have passed your letter to our publisher for future consideration. Ed) DES DAVEY Te Kuiti writes that "the best place to obtain antenna wire is from your nearest Stock & Station Agent "Des' antenna system is made up of electric fence wire which can be purchased in 5 or 10 chain coils at reasonable cost. Insulators similar to the old egg type, but twice the size, are also available. These are ideal for long antennas. Our sympathy to member CHRIS DAVIS on the recent death of his mother. Those who have visited Chris in Featherston will be interested to know that the listening den has been extensively renovated. ASH NALLAWALLA c/- P.O. Box 144 Dunedin is off to Bombay for a month's DXing and would appreciate advice on ham radio/DX receiver shopping in Singapore. Can anyone help Ash?

AIR UNIDWAR A X1360
 DZVT Cagayan x780
 IOBK Osdika 100kw
 864 4ZA Invercargill
 DACI BRC X/00
 963 3YC Christchurch
 380 Bendigo x960

MW Frequency Plan, continued. effective 23 Nov 1978

1017	2KY Sydney x1020 6WH Wyndham 0.1kw AIR Delhi B x1020 DWDW x1040 5kw DWCW BBC x1020 DYRP 5kw x990 DXGE 5kw x980 DXKS 1kw x1060 RPN JOLR 50kw x980	1116	2YX Nelson x1150 3EA Melbourne x1120 4BC Brisbane x1120 RRI Biak 10kw AIR Srinagar A x1120 DZLF 5kw x1110 DZLB x1210 5kw DYTR 1kw x1090 JODR x1120 5kw JOAF 5kw x1120	1341	2ZN Nelson x1340 2LF Young x1340 Bahawalpur Pakistan AIR Kohima B x1490 DYRS x1350 1kw DYRL 1kw x1450 1485 3ZO Twizel x1550 2LG Lithgow ABC 4HU Hughenden x1570 5LN Port Lincoln Diego Garcia AFRTS Lakarna Pakistan 1kw RRI Padang 10kw AIR Bhopal B x1200 AIR Allahabad x1420 AIR Baroda x1500 DYKR 1kw x1480
1026	1ZN Whangarei and 1ZK Karaita x1010 3DB Melbourne x1030 4MK Mackay x1030 AIR Allahabad x950 DWWX 10kw x1000 DXBN UM3N x810 1kw 2ZB Wellington x980 4.. Innsfail planned 6.. Onslow, planned AIR Gauhati C x1030 DZXW 10kw x1020 DXCP 5kw x990	1125	2.. Carnarvon AIR Udaipur x1170 DWAS x1390 1kw DZWN 5kw x1170 DXAS 1kw x1430	1350	1ZC Rotorua 3GL Geelong 2.. Blacktown AIR Dhanwar B x1160 DZXQ 10kw x1250 JOER Hiroshima 20kw 1359 2NX Bolwarra x1360 AIR Bhadravathi x800 DYMR 1kw x1410 1368 4LM Mt Isa x1370 2GN Goulburn Singapore Tamil 50kw AIR Delhi C x1370 DWAM x1290 1kw DZBS 1kw x1370 RPN DZRA 1kw x1360 DXKO 1kw x1290 JOHP 5kw x1380 1377 3MP Melbourne 8AL Alice Springs AIR Hyderabad x1380 DY/R 5kw x1370 DXKP 10kw x1370 JOUX 5kw x1370 1386 1ZT Turangi x1390 5AA Adelaide WXLE Canton Island AIR Gwalior x1390 1386 DWKW 10kw x1280 DXCR 5kw x1330 JOQC 10kw x1390 JOJB 10kw x1390 JOHC 10kw x1390 JOKB 5kw x1600 1395 2LT Lithgow x1380 5.. Monart o,planned AIR Bikmer x1330 1539 2ZE Blenheim x1540
1044	4ZB Dunedin x1040 2UH Muswellbrook 4WP Weipa x1040 5PI Crystal Brook RRI Biak 10kw AIR Bombay A x1040 DZDR 5kw x1040 DYMS 1kw x1040 DXML 1kw x1040 DXLL x1050 5kw 2ZP New Plymouth 2CA Canberra x1050 RRI Jayapura x1051 ? AIR Leh x1050 DZVR 5kw x1060 DZEL x1150 5kw DYSA 1kw x1050 DXKD RPN x1060 1kw JOAR CBC 50kw	1134	4YQ Queenstown 2AD Armidale 3CS Colac x1130 6C1 Collie x1130 RRI Banjarmasin Culcutta 1000kw DYRM 1kw x1120 JOQR 100kw NCB 1251 1ZM Auckland x1250 2DU Dubbo x1250 RRI Banda Aceh 10kw AIR Sangli x1250 DWSI x1320 1kw DZMS 1kw x1250 DXCB 1kw x1230 JOTF 5kw Okinawa 1260 3XA Christchurch 3SR Shepparton 6KA Karratha, new Islamabad Pakistan AIR Ambikapore DWMC Pangasinan DYUL 5kw x1240 RPN JOIR TBC 20kw 1269 2SM Sydney x1270 AIR Agartala x1270	1503	2BS Bathurst x1500 3AK Melbourne AIR Srinigar B x1490 JOUK 10kw x1170 1512 1ZU Taumararui x1520 2NA Newcastle x1510 DZYA 1kw x1490 DYWB 5kw x1500 JOZB 5kw x1510 NHK 1521 3YR Rsefton x1510 2QN Deniliquin AIR Aurangabad x1520 AIR Tawang x1530 1530 2VM Moree RRI Bandung 10kw AIR Mathura Bhiria Pakistan DWMF 10kw x1540 JOXE 5kw Tschigi 1539 2ZE Blenheim x1540
1053	3CV Maryborough 4SB Kingaroy x1060 AIR Passigait x1060 AIR Poodichery	1161	2ZM Wellington 4MB Maryborough 5PA Naracoorte ZEG Finacul x1160 Rawalpindi Pakistan AIR Ranchi B x1230 DYII x1310 5kw JOPC 10kw x1150 JORB 10kw x1150 1161 2ZM Wellington 4MB Maryborough 5PA Naracoorte ZEG Finacul x1160	1550	2YV Moree RRI Bandung 10kw AIR Mathura Bhiria Pakistan DWMF 10kw x1540 JOXE 5kw Tschigi 1539 2ZE Blenheim x1540

1071 2RG Griffith x1070
 6WB Kattanning
 AIR Rajkot 1000kw
 DYXT 1kw x1030
 DXKT 1kw x1070
 JOFK NHK 20kw
 1080 T2B Auckland
 2MO Gunnedah
 4MI Mount Isa
 6IX Perth
 7HT Hobart
 DWIN Eagle 5kw
 DXSN x1010 1kw
 1089 2GZ Orange x990
 3W, Mhorsham
 4..Moranbah, planned
 Suva 10kw planned
 Chitral Pakistan
 AIR Jammu B x1540
 AIR Udaipi x1080
 DYHR 5kw x1110
 DXCM 5kw x1090
 JOHB 10kw Sendai
 1098 3ZB Christchurch
 4LG Longreach
 6MD Merridin x1100
 7LA Launceston
 RRI Jambi 10kw
 RRI Sumenep 10kw
 Hyderabad Pakistan
 Berakas Brunei 10kw
 DWAD 10kw x1080
 JOWO 5kw x1100
 JOSR SBC 5kw x1100
 JOGF OBS 5kw x1100
 JONF MRT 5kw x1100
 1107 2UW Sydney x1110
 RRI Jogjakarta 10kw
 AIR Gulbarga x1110
 DYRI 1kw x1280
 DXUL 1kw x1100
 JOMR MRO 5kw
 JOCF x1110 5kw
 AIR Trivandrum A
 DZMD 1kw x1220
 DYRD 1kw x1150
 DXDS UMBN 1kw
 1170 2CH Sydney
 Pakistan 10kw
 RRI Semarang 50kw
 AIR Hyderabad C
 DZHP 10kw x1130
 1179 3KZ Melbourne
 D... 60kw NMPC
 JOOR 50kw x1180
 1188 2NZ Inverall
 6XM Exmouth x1190
 AIR Bombay C x1190
 DZOX 1kw x1240
 DZLT 1kw x1240
 DYRV x1220 1kw
 JOKP 10kw NHK
 1197 2ZK Wanganui x1200
 4GG Gold Coast
 5KA Adelaide x1200
 Kudat Sabah 10kw
 AIR Shillong A
 AIR Jodhpur x1220
 DYRH 5kw x1200
 DXFE FEBC x1200
 JOYF IBS x1200 5kw
 JOBF 5kw x1200
 1206 4XO Dunedin x1210
 2GF Grafton x1210
 2CC Canberra x1210
 6KY Perth x1210
 Sigatoka Fiji 2.5kw
 RRI Denpasar 10kw
 RRI Surabaya 1kw
 DWWA 10kw x1160
 DXRS 1kw x1200
 1215 TZE Kaiakohe x1220
 6.. Pemberton, planned
 7..Launceston, ditto
 RRI Samarinda 10kw
 AIR Delhi D x1570
 DYRF Cebu x1180 5kw
 DXRP x1350 5kw
 JOHW 5kw x1280
 JOJR 5kw x1280
 1278 2ZC Napier x1280
 3AW Melbourne
 AIR Lucknow B x680
 DPI2 Manila x960
 JOFR 50kw x1270
 1287 2TM Tamworth x1290
 RRI Palembang 50kw
 AIR Chatapur x780
 DPI-2 x960 200kw
 JOHR 50kw x1290
 1296 T2H Hamilton x1310
 4BK Brisbane x1300
 5SE Mt Gambier
 AIR Darbhanga x1160
 JOTK 10kw x1300
 1305 3..Orbost, planned
 6.. Broome, ditto
 AIR Parbhani x1300
 DYKC 5kw x1260
 2GO Gosford x1310
 5AD Adelaide x1310
 AIR Bhuj x1310
 AIR Curtack B x1350
 DZSA 10kw x1230
 DXRH x1300 10kw
 JOUF 50kw x1310
 1323 3ZM Christchurch
 3BA Ballarat x1320
 2.. Woollongong
 Rakitraki Fiji 2.5kw
 RRI Malang 10kw
 AIR Calcutta C x1320
 DYOO 5kw x1440
 1332 TXI Auckland x1330
 3SH Swan Hill
 4BU Bundaberg
 AIR Tezu x1330
 DZKI 1kw x1330
 DWAR 5kw x1300
 D... x890 5kw
 JOSF Tokai 50kw
 1404 2PK Parkes x1400
 DWAY 1kw x1320
 DZOR x1420 1kw
 DYKB 5kw x1390
 JOQL 5kw x1400
 JOVR 5kw x1400
 1413 TZO Tokoroa x1420
 2KO Newcastle
 Bunjawa Pakistan
 DXHU 5kw x1410
 JOIF 50kw x1410
 1422 3XY Melbourne
 DZEM 10kw x1360
 AIR Rajkot B x1420
 JORF 30kw x1420
 1431 4XD Dunedin x1430
 2WL Woollongong
 AIR Chandigarh x1230
 AIR Calicut B x1090
 DYRS 5kw x1420
 JOZF 5kw x1430
 JOVF 5kw x1430
 1440 2CN Canberra
 AIR Kanpur x1550
 AIR Ahmedabad B
 AIR Port Blair B
 DZOM Mindoro 1kw
 DZDL x1420 5kw
 JOWF 50kw STV
 1449 2YM Palmerston Nth
 2MG Mudgee x1450
 Karachi Pakistan
 AIR Sambalpur x860
 JOQM 5kw x1450
 JOKF 5kw x1450
 1458 3YW Westport x1460
 2NM Murray Bridge
 5MU Murray Bridge
 AIR Bhagalpur x1470
 AIR Mangalore x1470
 FEBC Zambales 250kw
 14£7 3MA Mildura x1470
 Rakitraki Fiji 2.5kw
 AIR Jeypur x1460
 AIR Panaji B x1540
 DZYM 1kw x1530
 1548 4QD Emerald x1550
 Khipro Pakistan 10kw
 DYLA 10kw x1550
 D... 5kw x1100
 1557 2ZH Hawera x1560
 2RE Taree x1560
 DZYR 1kw x1350
 DWGO x1550 2½kw
 1566, 4GM Gympie
 3NE Wangarrata
 Suva Fiji 5kw
 DZHH x1570
 FEN Sasebo 250w
 1575 R..Rhema Christchurch
 3..Warrnambool
 6.. Exmouth, planned
 FEN Iwakuni 1kw
 FEN Misawa 250w
 1584 2WA Wilcannia
 7SH St Helens x1570
 5MG Mt Gambier
 5WM Woomea x1570
 AIR Jaipur B x1270
 AIR Indore B x1590
 AIR Madras B x1150
 4 AFRTS stations 250w
 - Philippines
 1593 R..Manukau, Auckland
 2WN Woollongong
 4SO Southport x1590
 5MV Berri x1590
 AIR Bhopal A x1440
 JOQB 10kw x1590
 JOTB 10kw x1590 NHK
 1602 2CP Cooma x1570
 3WL Warrnambool
 5LC Leigh Creek x1570
 AIR Nagpur B x660
 AIR Pune B x1230
 AIR Patna B x1500
 AIR Mysore x1400
 AIR Tiruchi B x1480

6MN Mt Neirnon
 Peshwar x540 300kw
 AIR Dibrugarh x570
 DZAG La Union 1kw
 DXCD Davao x560
 JOIK 100kw Sapporo
 576 2FC Sydney x610
 Temon Sabah x568
 AIR Alleppy x580
 DZYZ 1kw x640
 DYDY 10kw x570
 JOHG 10kw x580
 585 5.. Monarto, new
 8.. Katherite, new
 Port Moresby P-NG
 RRI Surabaya 100kw
 AIR Nagpur A x590
 DZVV 1kw x600
 DYCI 1101a x550
 JOPG 10kw x580
 3WV Hershaw x590
 Tutong Brunei 200kw
 AIR Calcutta 1000kw
 DZBB Manila x580
 DXBB x540 2.5kw
 JOAK Tokyo 300kw
 608 4GY Gympie x600
 6PH Port Headland
 7ZL Hobart x600
 Kota Kinabalu 20kw
 AIR Aimer x600
 D... Zamboanga 10kw
 JOKK Okyama 5kw
 4QR Brisbane x580
 6NM Northern x600
 AIR Bangalore A
 DWHB 10kw x590
 DYHP x600 5kw Cebu
 JOLK Tuluoka 100kw
 3AB Melbourne x620
 AIR Patna A x620
 DZIG Cagayan x690
 DZHN x660 5kw
 DXDC Davao x590
 JOCG 3kw d x620

6/3 3YA Christchurch
 2CO Corowa x670
 4... Goonyella, new
 5.. Pinaroo, new
 8KN Katherine x670
 Wewak P-NG x670
 Serasa Brunei 100kw
 Singapore CC Svce
 Lahad Datu, Sabah
 AIR Itanagar, new
 DNLW x660 5kw
 DYNG x760 Cebu 5kw
 JOUG Yamaguchi 5kw
 JOVK 5kw d x80
 684 2KP Kempose x680
 6BS Russellton x680
 8TC Tennant Creek
 Labasa Fiji 2.5kw
 AIR Calicut A x680
 AIR Port Blair x680
 JOAG x660 Nagasaki;
 JODF 5kw x720 1BC
 4KQ Brisbane x690
 5SY Streeky Bay x690
 Kota Kinabalu Sabah
 AIR Raikot A x690
 DZCV Cagayan x740
 DXBC Agusan x630
 DWWC Negros x740
 DXDX x690 1kw
 JOAB 500kw Tokyo
 702 2BL Sydney x740
 AIR Jullundur B x710
 DZAS x680 FEBC 50kw
 JOKD Kitami x700
 JOEB Hiroshima x700
 4QW St George x710
 2CT Campbelltown
 7NT Launceston x710
 Suva Fiji 10kw x710
 Multan Pakistan 100kw
 Kuala Belait Brunei 1kw
 AIR Siliiguri x700
 DXIC & DZYI x720
 DXRD Davao 5kw x670

DYSR 182U Cebu 3kw
 DXGS 1kw x750
 JOJF YBS 5kw x740
 JOPE 5kw x940 KRY
 3LO Melbourne x770
 Temon Sabah 10kw
 AIR Simla x770
 JOUB Akita 500kw
 2YB Wellington x800
 2KA Katoomba x780
 4TO Townsville x780
 6VA Albany x780
 Sandakan Sabah 10kw
 AIR Madras C x1550
 DXRA 10kw x710
 DYME x810 1kw
 DYPR Palawan x770
 DZNL x750 1kw
 JOXR Okinawa x780
 4QG Brisbane x790
 Singapore 750kw
 Muzaffarabd 100kw
 AIR Pune A x790
 DZAB 1kw x790
 DYRR x770 Leyte 1kw
 2EA Sydney x800
 2.. Moruya, planned
 4QY Cairns x800
 5RM Berrri x800
 Kudat Sabah 10kw
 RRI Semarang 10kw
 AIR Rewa x820
 DZNC x840 1kw
 DWFA Sorsogon x800
 DYKA x820 1kw
 DXMZ x770 1kw
 DXBL Surigas x800
 4YA Dunedin x780
 2BA Bega 10kw
 6WN Perth 10kw
 Labasa 2.5kw Fiji
 Rabaul P-NG 2kw
 RRI Merauke 10kw
 DZRJ Manila x780
 FEN Tokyo 50kw

6AM Northern x860
 NBC Madang P-NG
 RRI Cribton 10kw
 AIR Shillong x1090
 DYRC Cebu x900
 DZSP x810 Laguna
 JOPR FBC 5kw x860
 JOHE 3kw x860 HBC
 873 2GB Sydney x870
 6DB Derby x870
 AIR Jullundur A
 DXRT 1kw x890 Sulu
 DXRB x880 1kw
 DZRC Albay x890 5kw
 DZPA CWO 5kw x890
 JOGB 500kw x870
 882 1YC Auckland x880
 3YB Warrumbool
 6PR Perth x880
 4BH Brisbane x880
 AIR Imperial x920
 DWRV Manila x860
 JOPK 10kw x880
 891 2XW Wellington x890
 5AN Adelaide x890
 Lautoka Fiji 10kw
 Berdas Brunei 10kw
 DYSR x840 10kw
 JOHK Sendai 20kw
 4YC Dunedin
 2LM Lismore 2kw
 6BY Bridgetown
 DWFA Devonport
 7AD Devonport
 8HA Alice Springs
 Goroka P-NG
 AIR Cuddappah
 DZBT x870 Bantaras
 DZJC x770 1kw
 DWRP new NIA
 DXRZ x950 5kw UMBN
 JOHO HBC 5kw
 JOHE BSS 5kw
 JOZR RKC Kochi 5kw

4WZ Warrick x960
 6TZ Bunbury x960
 RRI Jember 10kw
 AIR Jalgaon x960
 DYSS 10kw x1020
 DXYZ 5kw x980
 JOTG 5kw x960
 JOZK 5kw d x960
 972 2MW Murwillumbah
 5DN Adelaide x970
 Kuala Belait Brunei
 AIR Cuttack A x970
 DXMO UMBN x950
 DWKS 1kw x880
 981 1YE Kaikhoen x970
 3HA Hamilton x980
 4RQ Rockhampton
 6KG Kalgoorlie
 AIR Raipur x980
 DZRD 5kw x1010
 DYBQ BBC 5kw x870
 DXER 5kw x930
 6PM Perth
 7BU Burnie x560
 8GO Gove 0.5kw
 Singapore 50kw
 AIR Jammu A
 DWRT x980 10kw
 JORR 10kw Kochi;
 2NB Broken Hill
 2ST Nowra x1000
 RRI Jakarta 300kw
 AIR Coimbatore x1010
 DZEG 5kw x1510
 DXHP RMN 1kw x1000
 1008 1ZD Tauranga x1000
 2XX Canberra x1010
 4CA Cairns x1010
 4IP Ipswich x1000
 6GE Geraldton
 7EX Launceston
 Hyderabad Pakistan
 AIR Calcutta B x1000
 DXXX 100kw x1010
 JONR ABC 50kw

Shortwave Mailbag

13

With Barry Williams

Two very choice verifications received back by League members this month. Bayrak Radio 7kW on 6110 khz (now reported on 6283V khz) has been received by John Mainland . Bayrak Radio is a shortwave radio based at Lefkosa in the Turkish Federated States of Cyprus and this would be one of the first veries from this station received in NZ . The other prize QSL is Sao Tome 10 KW on 4807 khz back to Paul Edwards . To my knowledge this would be the second verie from Sao Tome received in NZ over the last 15 years, so you can see it certainly is a very rare verification . Congratulations to both John and Paul .

We note that Uganda is still verifying many listeners so we suggest that those who have not yet verified Kampala get a report away now in case they return to their old ways and stop verifying . Well lets see what QSLs have come back this month .

JIM BENZONI Hamilton , has 6 reports out and veries back from Kuwait 11825 , 12085 , 15345 and with a new FRG7 we expect to see many more veries in the months to come .

ROBIN CHAMBERS Opuake ,Voz de Chile 15150 after 4 years . That accounts for how you got into this section Robin . Best regards .

DAVID MUNN Hamilton, has 13 reports out with veries back from Tchad 4904 (3 weeks by air) , HCJB 6050, Pakistan 21590, Lagos 7255, Bucharest 11705, Denmark 15165, ELWA 4770 FEBE 11685, YJB4 3945, RBI 7260 (50th Country) FEBE 9715 .

BARRY WILLIAMS Auckland has 2 back from RA Canarvon 6035, AIR Bhopal 3315.

DES MILLS Dunedin , 6 reports out . QSLs from FEBE 17810, Bagdad 11905, Peking 11720, Red Cross Radio 7210, Tashkent 6025, Prague 11990 .

PAUL RAMSAY Oamaru , No veries this month but 3 reports out to RNZ . You will have to do something about this state of affairs over the summer holiday

DENE LYNNBERG Wellington .veries from Austria 21470, HISS 9569, Relogio Federal 4905, RM Kiev 17820, Vinnitsa 15465, Kharkov 15480, Frunze 9550 . Greetings .

PHILIP HAMLIN Tauranga, 29 reports away and QSLs from WYFR 21675, NHK 21535 R Ned. 9770 (50th Anniversary card) VIA9 9660, HCJB 9745, 6130, 11900 .

LEIGH MORRIS Palmerston North. has them back from Veritas 17710, BCC Taiwan 15225, RNZ 6105 (30th Anniv. card)Uganda 15325, WYFR 15440, AWR via SIBC 11835, 15120, Bangkok 9655, Bulgaria 11750

JOHN MAINLAND Wellington with some nice ones in Swazi Com.R. 4980, WYFR 15440, 17875, 21525, Bayrak R. 6110, NHK Sines 11825 and Garoua 5010 khz .

JACK SEARLE Haumoana with veries from NEK 21535, RM Armavir 17775, Lenninrad 21600, RCI 15325, R.Sweden 15125, RSA 21535, VOA Tangier 11760, KGEI 15280, VOA Delano 21745, IBA 15105, Algiers 9705 R.Cameroon 4850, HJGG 5095, Uganda 15325, SIBC 11835 . Certainly a good month Jack with 3 new African countries verified Total fro 30th Anniversary award standing at 21 and a minor placing in the Radio Monitors International Award .

CECIL SYMES wellington , has them back from Uganda 15325, NHK 21535, RA Shepparton 21680, RM Vinnitsa 9765, Armavir 7310, Moscow 9550, 9450, Krasnoyarsk 11820 .

ERIC McINTOSH Invercargill has 8 reports out and has them back from CBC 9535, Berne 9725, RN Lopik 15220, RN Bonaire 9715, RNZ 6105, XEDM, KTWR 17855, Uganda 15325, Austria 6015, RSA 17780 and Sri Lanka 11835. Very nice to hear from you Eric .

DAVID HUGHES Palmerston North 15 reports out and QSLs in from RA Shep. 21680, SBC 11780, RN Bonaire 9770, NHK 11875, VOA-? 21610, (Dixon or BBC relay)KTWR 11810, RM Nikolayevsk 17765, Peking 15045, HCJB 6130, RNZ 6105, SIBC 11835 . Congrats on RMI contest prize and 30th Aniv. card from RNZ .

JOHN CAMPBELL England . with his usual fine selection of rare QSLs .Xapuri 3411, RPKDK Banyuwangi 3503, Inoa 4762, Para 5045 Atlantida 4790, Gran Colombia 4910, Borborema 5025, Concepcion 6135, and his specialities the hobby pirates Skyport 6215, Radic 49 6220, Cavendish 6260, Free London 6260 .Will write sometime John .

PAUL EDWARDS Wellington with a very choice selection of varies . XINM SIC5, Laos 7385, Sao Tome 4807, TWR Swaziland 2700, Federacion 4900 and Chile 15150 .

IAN CATTERMOLE Blenheim with a long list of varies . Singapor 7170, RNZ 15345, Moscow 15410, 15175, 11960, 9665, 11830, Sofia 9765, BBC Ascen. 11860, BBC Antigua 9510, BBC Malaysia 9725, DW 17825, VOA Wof. 7200, AFRTS 11790, ;5330, Bagdad 11935, KTWR 11810, Lagos 7255, Tashkent 15460, 11730, Sarawak 7270, RA 15190, 15290, BBC 7230, Budapest 15225, HCJB 15300, IBA 15105, NHK Sines 17820, UN 6135, VOA 6185, 11840, FEBA 15405, FEBC 9715, Brussels 9685, Uganda 15325, VOA Philippines 7235, 7290, 11730, Bucaramanga 4845, Good selection there Ian . That will bring your total up .

ARTHUR DE MAINE Auckland, 13 reports out and varies back from Tashkent 15115, RSA 17780, Sri Lanka RMI 11835 . Yes Arthur after being away from home for a while always interesting to see what the postie has left .

BRYAN CLARK Wellington , 9 reports away and QSL's from VOA Grenville 21690, 21470, IBA 9815, 9425, Karachi 21625, RM Ashkabad 11930, WYFR 21610, This is a change for me Bryan .

ASH NALLAWALLA Dunedin , none out but one back from Sofia 11750 . Looking forward to seeing you in January .

BILL HUDDLESTON Auckland has them back from Uganda 9730, Sweden 17735, 9605, Vilnius 11780, (Pennant), RM Kazan 9600, Madrid 11840, SLBC RMI 11835, 15120, RN Bonaire 21640, NHK Sines 17820, Ghana 4915, Budapest 9585, IBA 11655 . 28 reports out .

GAVIN WATERS Wellington, with no reports but QSL's from Kuwait 15345, Tashkent 15115, 11730, NHK Sines 17820 11825, Vatican 15120, WYFR 21525, Vilnius 12060, RM Moscow 11830, Armavir 17860, 17730, Frunze 17825, Nikolayevsk 17845, Ivan-Frankovsk 9665, Simferopol 17815 .

BEST OF THE MONTH to Paul Ormandy's Angola 4820kHz 10kw 127pts & Jack Searle's Radio RSA 21535kHz 250kw 107pts.

PAUL ORMANDY Oamaru , 29 loggings with Prague 15110, IBA 21580, 21650, back . Also countries no. 154 & 155 in Angola 4820 and RM Frunze 17825 . Congrats.

JACK FARROW Lower Hutt , 3 reports out with them back from VOA 26095 , IBA 15105, BBC 12095, 15420 .

GREGORY BAKER Auckland , bemoans only 8 out but they seem to be coming back OK . FEBC 11765, Prague 11990, KTWR 17855, Karachi 17830, NHK 15105, Lagos 7255, Seoul 15205, (with pennant). RSA 15220, Budapest 6000, WINE 15145, RN Lopik 17700, VOA 21460 , RM Frunze 17825, NHK Sines 17820 . As soon as scholl is over we expect to see more loggings .

BILL JOLLY Kawerau , reports out to 13 stations and returns from P & P 15300, RNZ 17860, Tahiti 15170, NHK 21640, AFRTS Bethany 15430, Pakistan 17830, RBI 17880, RM Frunze 17840, Tula 7250, Nikolayevsk-on-Amur 17770, RN Madagascar 11730, Norway 11850, Kuwait 12085, RM Simferopol 17815, VOA Dixon 21610, 26095, Delano 21460 .

HAMISH CAMPBELL Hastings , also has been outier due to exams but over the last 2 months has recieved back Prague 11990, Bucharest 9570, AFRTS Bethany 11790, Peking 9460, RNZ 6105, (30th Aniv. card.) Hanoi 15012, HGJB 6130, VOA 17740, WYFR 15440 .

STUART FORSYTH Christchurch .4 reports and QSL'd RN Madagascar 15220, Sofia 11750, AIR 9912, VOA Philippines 6110, VOA Kavala 9770, SLBC 15425. John has read your letter and see you before Christmas .

ARTHUR CUSHEN Invercargill, HCJB 6160, R.Garoua 5010, RNZ 17860, Budapest 21525 Tashkent 15460, ORU 11735, Taibeh 15225 KTWR, 11850, Madrid 9790, Uganda 15325 , Sweden 21700, NHK Sines 17820 . I'm still trying to get Garoua back Arther .

DES DAVEY Te Kuiti, 2 out and varies from IBA 9835, NHK 17795, 15235, 15195 Hanoi 10040, RA 17870, 9580, AIR 11620 Tashkent ? Best regards Des.

NORM CLOVER Hamilton, 8 loggings with QSL's from RN Bonaire 9770, NHK 15195

DAVID OSBORNE Hastings has QSL'd Lisbon 6025, AFRTS Gville 6030, Spain 6065, Poland 7145, RN 9770, 9715 from Bonaire, Kiev 9800, Budapest 15160, IBA 17685, USSR 15130 21600, VOA 21460, 21610. Your cmts held over David .Ta!

SHORTWAVE BANDWATCH

Coordinated by JOHN ALLCHIN



There has certainly been increased activity on the higher frequencies this month, and there appears to have been some good openings on 13 metres in the past few weeks. The recent November adjustments has meant the introduction of new frequencies on this band, due of course to increasing sunspot activity during our summer. Radio RSA has introduced a new 13 metre band frequency of 21695 with French being noted at 1800 GMT. Some good quality low band Africans are still being heard in the early morning, while Australian members Chris Martin, Harry Weatherly & Brian Dodgson have proved their Southeastern Victorian location with some excellent Australian reception of Latin Americans on 49, 60 & 90 metres, details of which appear in a separate survey. A good number of overseas contributions too - they have been marked with an asterisk *.

FREQUENCIES IN KILOHERTZ

TIMES IN GMT (Add 13 hours for New Zealand Daylight Time)

FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	INITS
3015	1808	NORTH KOREA	Radio Pyongyang	at a weak level with a music programme.	JS
3225*	1520	INDONESIA	RRI Tanjung Pinang	signing off at this time, fair signal.	GVG
3285*	1850	MADAGASCAR	Radio Madagasikara	in FF w/strong het from Indonesia 3288 7/10.	GVG
3305	1110	PAPUA NEW GUINEA	Radio Western District	good with popular music prgm.	AD
3325*	1520	INDONESIA	RRI Palangka Raya	signing off with usual format 7/10.	GVG
3355*	2038	BOTSWANA	Gaborone rlg	songs signing off with anthem 2059 with fair signal.	DW
3385	1008	PAPUA NEW GUINEA	Radio East New Britain	fair in Pidgin with news.	CS
3395*	2032	INDONESIA	RRI Tanjung Karang, ID 2035	fair in II with talk and music.	DW
3985	1815	SWITZERLAND	SBC Berne	good in English with a bulletin of news.	JS
4680	0545	ECUADOR	Radio Nacional Espejo	regular fair to very good levels.	DM
4719	0955	INDONESIA	RRI Ujung Pandang	tentatively the one w/II music & tentative ID.	CS
4760	1820	SWAZILAND	TWR	poor-fair with EE ID 1830. Hymns followed. Dwr. Very good 7/10 at 1823. DM. Gospel programme in German 1830.	AC
4770*	1005	ECUADOR	Radio Cenit, Portoviejo	with SS instrumental music & ID 1200. Fair.	DW
4782	0500	SURINAM	SRS Paramaribo	tentatively the one in Indonesian at poor level.	CS
4785	1852	TANZANIA	Dar Es Salaam	good in Swahili at this time.	DM
4820	0450	HONDURAS	HRVC	weak in EE with 'La Voz Evangelica' IDs.	JS
4835	1827	SOUTH AFRICA	SABC	poor in EE. Also 4880 fair in Afrikaans and 4810 Springbok Radio with EE comedy play.	DW
4845	1830	BOTSWANA	Radio Botswana Gaborone,	music, station ID and then vernac. talk.	AC
4845	1810	MAURITANIA	Nouakchott	fair with FF talk and highlife tunes.	BC
4850	0850	SURINAM	SRS Paramaribo	fair with a programme in Dutch.	LM
4850	1820	MAURITIUS	MBC,	signing off in FF at 1830 with anthem. Sign off 1900 Sats.	AC
4910	0633	ECUADOR	Emis. Gran Colombia	excellent 2/11 peaking level with Colosal 4945.	DM
4920*	1910	AUSTRALIA	ABC Brisbane	fair level in EE, quite regular lately 20/10.	GVG
4934	1808	KENYA	Mombasa (per WRTVH NL)	very good & clear with EE news to 1815 then band music and commercials. BC. EE talk 1955, Swahili talk 2000 //4915.	GVG*
4982	1015	VENEZUELA	Ecoc del Torbes	in SS with IDs, commercials and music. Poor level.	CS
4985*	1157	MALAYSIA	Penang	with music programme and ID at 1200 in EE at fair strength.	DW
4990	1800	NIGERIA	Lagos	good with EE news DM. 1944 with EE talk & ID 1958 at fair level.	DW
5020	1140	SOLOMON ISLANDS	good in EE AD. 1006	fair-good with relay of RA news in EE. JS	JS
5026*	2041	UGANDA	Kampala Home Service,	African vocals, ID in Vernaculars 2101, s/off 2105	JS
5039	1747	SUDAN	Radio Omdurman	very good with an Arabic programme 7/10.	DM
5040*	1405	GEORGIAN	SSR Tbilisi	in Farsi sounding language fair to good 20/10.	GVG
5050	1818	TANZANIA	Dar es Salaam	at poor level with talks. Better earlier.	BC
5055*	1953	SWAZILAND	TWR	with Gospel music and hymns 24/9 //3275. 5055 on 20/10 too.	GVG
5060*	0718	ECUADOR	Sist. de Em. Progreso	with SS and ID 0720 at fair level.	DW
5255*	1200	INDONESIA	RRI Sibolga	ID after Jakarta news, quite strong, better at 1500.	GVG
5345*	1630	SOUTH YEMEN	Voice of Freedom	s/on, seems jammed //9953 very clear.	GVG
5955	0500	GREECE	VOA Kavala	with EE programme to Europe at fair level.	DM
5975*	1023	BOLIVIA	Radio Nacional,	news and ID 'Radio Nacional Cochabamba'. Poor in SS.	DW
5980	0703	SIERRA LEONE	SLBS Freetown	with BBC news relay, then local announcements with sirens before leaving the air - never reappeared. (Back in July, I heard them past 0800 on this frequency Paul - maybe a rapid fade -ed).	PO

FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	INITIALS
5980*	1438	MALAYSIA	Sabah Kota Kinabalu	C & W oldies in EE to sign off at 1600.	GVG
5990	1805	ETHIOPIA	Amharic Home Service	fair; prgm of Cuba during Castro visit. 1955 //7110 mixed but generally good. Heard daily since 25/8.	S/off Dwr
5995	1830	AUSTRALIA	Radio Australia	good with EE service. Strong in Pidgin 0930.	JB PR
5995	1830	CANADA	RCI interval signal	weak under RA (Daventry relay Jim?=ed)	JB
5995	0600	GREAT BRITAIN	BBC strong in EE	with Newsdesk.	JB
6006	0815	COSTA RICA	Radio Reloj in SS	with Latin music, ID at poor level.	RCh CS
6010	0600	PERU	Radio America	with SS programme, very loud some nights.	DM
6012	0830	ANTARTICA	AFAN McMurdo Sound	at a poor level at this time.	RCh
6025	0500	PORTUGAL	Radio Portugal	fair in EE but mixed with two other stations.	JS
6030*	1200	PHILIPPINES	FEBC Home Service	to the Islands in EE, QRM VO Thai People 6033	GVG
6060	0922	ARGENTINA	Radio Nacional	in SS with classical music & ID at fair strength.	CS
6082	0830	PERU	Radio Nacional	Peru with SS music and IDs at a good level.	LM
6090	0800	AUSTRALIA	VLI9 ABC Sydney	very good with 'Talking Point' prgm & Radio 2 ID.	PH
6105	0645	CANADA	RCI good over RNZ	with EE programme to Africa to 0700 sign off.	RCh
6135	0955	KOREA	Seoul fair in KK	and into (?) JJ 1000 mxd Peking s/on in CC. NF.	Dwr
6145	1825	FRANCE	Radio France International	very good in GG at this time.	Dwr
6160	1830	BULGARIA	Radio Sofia	good in Turkish. 2000 Albanian //6135 poor level.	Dwr
6165	0700	SWITZERLAND	SBC Berne	with DX programme every 2nd Saturday, good in EE.	Dmi
6165	0940	VIETNAM	Voice of Vietnam	fair, but noisy in VV. Time pips & news 1000.	Dwr
6170	1757	GREECE	VOA Kavala	in EE with a talk on a ghost town, fair level.	CS
6170	0935	PHILIPPINES	PBS Manila	fair in EE Dwr. Fair in EE 1158 on 4/10.	GVG*
6185	0930	INDONESIA	RRI Manokwari	very good with clear ID in II. (Listed 6150 WRTVH-ed)	JS
6185	1855	TURKEY	TRT Ankara	good to past 2015 in TT //9515 & 7175 both poor 1930.	NF.Dwr
6190	1840	VATICAN	Vatican Radio	fair in Hungarian to 1845. Czech to 1900(see 6230-ed)	Dwr
6230	0725	VATICAN	Vatican Radio	in EE with news & SS prgm 0730 to 0748 s/off PO. Latin Mass 0630 on 1/11.	DM
6576	1845	NORTH KOREA	Radio Pyongyang	fair to good closing in FF.	JS
7065	0504	ALBANIA	Radio Tirana	with French comment at good strength.	CS
7105	0512	ASCENSION ISLAND	BBC with EE news	to 0515 and then into FF. Poor signals.	CS
7115*	1055	THAILAND	Bangkok popular items	with ID 1100 in EE at fair level.	DW
7135	0605	FRANCE	Radio France International	very strong in FF.	JB
7170	2030	GREECE	VOA Kavala	in EE with Jazz programme at fair level.	CS
7210*	0640	SWITZERLAND	International Red Cross	with talk on activities 25/9 in EE, good.	DW
7240*	2104	INDONESIA	RRI Mataram	ID 2106 and news in II, fair with some interference.	DW
7285	2230	MADAGASCAR	RR Talata	good with EE pops in Indonesian programme.	PO
7325	0600	GREAT BRITAIN	VOA Wofferton	with EE news and comment 0611.	CS
7385	0410	USSR	Radio Moscow World Service	good signals in EE.	DO
7390	0300	UKRAINE	SSR Radio Kiev	poor to fair in EE beamed to North America.	DO
7550	0530	SOUTH KOREA	Seoul KBS	very good in EE.LM. Till 1630 in EE then AA, QRM Moscow	LM /GVG*
9525	0830	SOUTH KOREA		very good in EE at this new time.	LM /GVG*
9530	0430	BULGARIA	Radio Sofia	DX prgm Saturday very good in EE Dmi. QRM from Jordan.	JS
9535	0400	CANADA	RCI strong in EE	to North America to 0420 sign off.	JB
9540	1000	AUSTRALIA	Radio Australia	fair in EE.	PR
9570	0400	ROUMANIA	Radio Bucharest	good in EE with a bulletin of news.	Dmi
9575	1000	USA	KGEI 'Golden Gate of Friendship'	ID good in EE. Now back on 5980 since 3/11	3/11
9590	0800	NORWAY	Radio Norway	fair in EE with prgm 'Norway this Week'	JB /LM
9585*	2205	JAPAN	NHK Radio Japan	in EE from Tokyo, with generally good reception.	JPB
9615	0500	BELGIUM	Brussels with FF	to Africa, poor with ID and interval signal.	PH
9625	0230	SWEDEN	Radio Sweden	DX prgm Wednesdays to North America in EE, good level.	DMi
9625*	1130	CANADA	RCI in EE 20/10,	interval signal 1200 followed by news. Very good.	DML
9645	0430	BELGIUM	ORU Brussels	opening at this time in Dutch.	AC
9715	1100	PHILIPPINES	FEBC 'Voice of Love'	ID requesting reports. RR prgm to 1130 s/off	S/off
9720	0300	UKRAINE	SSR Radio Kiev	DX prgm Thursdays in EE good Dmi. Poor-fair.	DO /JB
9725	0430	SWITZERLAND	SBC Berne	DX prgm Sundays to North America in EE, good level.	DMi
9765	0530	UKRAINE	SSR Radio Moscow	Vinnitsa with new 'World Service' at good strength.	PO
9770	0430	GREECE	VOA Kavala	with EE prgm to the Middle East at very good level.	DMi
9800	0615	USSR	Radio Moscow	good with EE prgm //9540, 7230, 7200.	PO
9815	2000	ISRAEL	IBA Jerusalem	very good in EE with news.	JS
9895	0930	HOLLAND	Radio Nederlands	in EE to Europe fair with some utility QRM.	DO
9980	1315	NORTH KOREA	Radio Pyongyang	very good in EE.	CH
10040	2035	VIETNAM	Voice of Vietnam	//15012 both very good in EE. JS. 2050 in EE v/good	DO
11620	1900	INDIA	AIR New Delhi	good with Hindi Film music & 'University' prgm.	PH

FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	17	INITS
11700	2115	LIBYA	Tripoli	good with AA prgm of music & talk. Abrupt s/off 2159 with severe co-channel QRM from Vatican Radio.		PO
11720	0903	CHINA	Radio Peking	good in EE //17635 also at a good strength.		JS
11810	1445	INDIA	AIR New Delhi	very good in EE with news at 1455.		BW
11810	1000	GUAM	KTWR Agana	opening at this time but severe QRM from DW Antigua.		JS
11825	2210	PORTUGAL	Radio Japan	via RTE Sines in EE, into JJ 2215 excellent //9585.		JPB
11835	0400	MORROCO	VOA Tangier	news in EE beamed to Europe at fair level.		DMI
11845	0400	CANADA	RCI	good in EE //9535, 5960. PH. DX prgm Mondays strong Dmi. 0412.		JB
11850	0800	NORWAY	Radio Norway	fair with news in EE.		AD
11880	0542	SPAIN	Spanish Foreign Radio (REE)	strong in EE //9630 s/off 0615.		JB
11925*	0230	LEBANON	Beirut	in EE to the Americas, into FF 0300 when VOA QRM begins.		GVG
11930	0236	TURKMEN	SSR Radio Moscow	via Ashkabad in SS to Chile 'Aqui Radio Moscow' v/g		PO
11955	2130	TURKEY	TRT Ankara	opening in EE but blocked by BBC 2200 AC. Exc in FF 2130		JPB
11990	0300	CZECHOSLOVAKIA	Radio Prague	DX prgm good on Fridays in EE.		DMI
15105	2130	MALTA	DW EE	identification and then into PP for prgm beamed to Brazil.		JS
15125	1100	SWEDEN	Radio Sweden	DX prgm Tuesdays good in EE //9630. DMI. Fair PH Good.		AD
15145*	0030	USA	WINB Red Lion	in EE and into SS at 0100, fair via long path 21/10.		GVG
15150*	2140	CANADA	RCI	in EE with election talk 18/10, into EE prgm to Africa 2200 vg.		DML
15160	1030	HUNGARY	Radio Budapest	in EE to A/NZ & Japan very good DO. Good in EE.		AD
15190	0959	INDIA	AIR in EE	to North America //11725 17287 & to A/NZ 11775 15205 17705		BW
15225	0400	HUNGARY	Radio Budapest	DX prgm in EE on Saturdays. Good reception.		DMI
15230*	0100	CUBA	Radio Habana	in SS //15340 via Pacific longpath 21/10.		GVG
15273.5	0143	URUGUAY	SODRE	good with EE/SS pops, hetting 15275, best on LSB past 0230.		PO
15280	0310	NEW ZEALAND	Radio New Zealand	Wellington good in EE to the Pacific Islands. PR		PR
15300	1415	FRANCE	RFI	excellent in FF. CH. 1719 in EE to Africa //15425 both good.		JS
15305*	0420	CHINA	Radio Peking	in EE 26/10 with prgm on Botswana. Very good over QRN.		DML
15310	1500	MASIRAH ISLAND	BBC World Service	with 'Radio Newsreel' prgm.		BW
15320	0810	AUSTRALIA	Radio Australia	good with programme in EE.		PR
15350	0540	USSR	Radio Moscow World Service	in EE at a very good level.		CH
15375	2120	EGYPT	Radio Cairo	in EE at a good strength.		LM
15390	0450	SWEDEN	Radio Sweden	opens to Africa in Swedish, fair with co-channel QRM.		JS
15400	0430	LIBERIA	VOA Monrovia	good in EE with prgm beamed to the Middle East.		DMI
15405	0305	SEYCHELLES	FEBE	signing on 0310 in (?) Swahili, reasonable level.		CH
15440	2100	USA	WYFR	good in EE with religious programming.		AD
15470	0630	USSR	Radio Moscow	good in EE //15360 15175 17805 17825 17840 17855 17730 21575 21590 21600 17835 11740 9450 7230 & 6150.		
15790*	2200	CLANDESTINE	Voice of Malay Revolution	good in Malay with talk.		DW
17700	0700	HOLLAND	RN Lopik	signing on in EE to Africa good with 'Sunday West' prgm.		JB
17710	0123	PHILIPPINES	Radio Veritas Asia	poor in EE with frequent fading.		DM
17715	1033	HUNGARY	Radio Budapest	good in EE to A/NZ and Japan.		DO
17730	1230	SWEDEN	Radio Sweden	good in EE with Sweden Calling DXers programme.		CH
17740*	0220	PHILIPPINES	VOA Tinang	to SE Asia in EE with news, very good, occasional QSB.		QSB.
17770	0400	AUSTRIA	ORF Vienna	in EE to the Far East Good, new frequency. AC		/DML
17795	0700	JAPAN	NHK Radio Japan	strong with General Service in EE.		JB
17820	2348	USA	VOA Dixon	good in EE. PR. (On this frequency per latest sched Paul-ed)		JB
17830	0235	PAKISTAN	Radio Pakistan	good with dictation news in EE.		AD
17850	0530	ROUMANIA	Radio Bucharest	good in EE to Africa //11830 15340. DMI. Good.		DO
17890	0100	AUSTRALIA	Radio Australia	in EE with good signals.		PR
17920	1257	EGYPT	Radio Cairo	good in EE. AD. Good with EE announcement.		CH
21450	0630	USSR	Radio Moscow World Service	good in EE //21600 Leningrad site.		PO
21455	0500	PORTUGAL	Radio Liberty	via Gloria in RR and heavily jammed.		PO
21460	0230	USA	VOA Delano	good in EE to Far East. DMI. 0250 CS. 0010 DML* 2300//21610		PO
21460	0630	BELGIUM	ORU Wavre	good in FF.		PO
21465	0700	EAST GERMANY	RBI	fair in EE to Southeast Asia DO. Fair 0717 CS. Hindi 0730		PO
21470	1500	GREAT BRITAIN	BBC World Service	good in AA. Also signing on 0930 in EE.		PO
21480	1910	ECUADOR	HCJB	EE religious prgm offering pennant, poor CS. 2135 DML* EE 1500		PO
21485	1000	VATICAN	Vatican Radio	good at sign on in Latin. PO		/AD
21485	2100	USA	VOA Bethany	strong in EE. PO. At 2114 with news and sports, v/good.		DML*
21495	1200	ISRAEL	IBA Jerusalem	good in EE till 1230. RR 1500 //21565, 21730, 21625.		PO
21500	1400	AUSTRIA	ORF Vienna	good with programme in SS.		PO
21505*	0738	USSR	Radio Moscow	in RR with very good signals DML. Fair 1200 in (?) Hindi		PO
21510	0730	PORTUGAL	Radio Liberty	via Gloria //21455 in RR.		PO
21515	0600	USSR	Radio Station Peace & Progress	fair with Chinese programme.		PO

FREQ	TIME	COUNTRY	STATION	18	PROGRAMME & RECEPTION DETAILS	INITS
21520	1200	GREECE	VOA Kavala		with EE sign on, then into RR prgm, strong signal.	BC
21525	0500	AUSTRALIA	Radio Australia		good in FF. 0600 in EE.	PO
21530*	1127	MADAGASCAR	RN		with Indonesian prgm. 1128 full ID, 1130 news, vg. DML*. Fair at sign on in Indonesian //21540.	PO
21540	1206	EAST GERMANY	RBI		good in EE. <u>AD</u> . Very good 1240 in EE. DML*. Hindi 1330 fair	PO
21540*	0944	RWANDA	DW		news review in EE, including President Sche 1's visit. Vg. DML	/PO
21550	1600	SWEDEN	Radio Sweden		returns here in Swedish using <u>Upper Side Band</u> .	PO
21560	0500	ITALY	RAI		Rome fair in AA programme.	PO
21560	1330	WEST GERMANY	DW		s/on in GG good to s/off 1350.CH. 0600 strong in GG.	PO
21570	0930	AUSTRALIA	Radio Australia		very good in EE.	PO
21580	0730	FRANCE	RFI		good in FF //21620.	PO
21590	2030	USA	VOA		Greenville fair with Voice of America Jazz Hour. EE f-good 1910.	BC
21600*	1208	WEST GERMANY	DW		in EE to Africa & 'Panorama of the Week' prgm. DML.	/JB
21605	0930	KUWAIT	Radio Kuwait		strong in AA, also on 21685 at 1000 & 17745 0500.	PO
21610	2300	USA	VOA		Dixon strong in EE.PO. Strong 2215 with 'Breakfast Show'.JB. Vg. DML*	PO
21635	0530	USSR	Radio Moscow		strong in RR with Home Service. PO. Classical music 0545.CS	CS
21640*	2114	NETHERLAND	ANTILLES		RN Bonaire to West Africa in EE at very good level.	DML
21650	0930	WEST GERMANY	DW		(Julich or Malta ?-ed) strong signing on in GG.	PO
21660	0930	CYPRUS	BBC		World Service strong //21610,21710,21470.	PO
21665	0730	PORTUGAL	RFE		Gloria with 'Morning Music' //21720 at good level.	PO
21670	0000	PHILIPPINES	AFRTS		strong in EE past 0600.PO. Poor in EE 1410.CH. Gen v/good.DML*	DML*
21680	1830	PHILIPPINES	VOA		relay good with local identification, sign off after RR prgm one day only.	BC
21690	0930	SWEDEN	Radio Sweden		strong with FF programming.	PO
21695	1759	SOUTH AFRICA	Radio RSA		on new frequency in FF, fair till sign off 1850, heard since 15/10.	BC
21700	0930	PORTUGAL	Radio Portugal		signing on in PP at good level //21735.	PO
21700	0730	CZECHOSLOVAKIA	Radio Prague		fair in EE.	PO
21710	1530	GREAT BRITAIN	BBC		World Service here from 0700, and still very strong.	PO
21730	1300	NORWAY	NRK		very good in Norwegian past 1600, although blocked by jamming of IBA from 1500.	PO
21730	0230	PAKISTAN	Radio Pakistan		in Indonesian till 0250. EE noted 0240 - 0250.DML*PO	PO
21740	0000	AUSTRALIA	Radio Australia		good in FF to 0100 then EE //21680.PO. 0004 vg. DML*	DML*
21745	1810	PORTUGAL	RL		Gloria very good with news in Bulgarian.JB. Liberty 1600 s/on.PO	PO

POINT RICARDO DXPEDITION: A survey of 49, 60 and 90 metre band Latins heard by Australian members Chris Martin, Harry Weatherly and Brian Dodgson on a recent DXpedition to Point Ricardo near Marlo on the Victorian coast, some 380kms east of Melbourne. A 450 metre longwire antenna directed at Peru and Ecuador, and connected up to Drake SPR-4's, netted the following catches.

3265	1135	UNIDENTIFIED	Latin		under RRI Sorong, poor in SS, 8/9.
3300	1125	GUATEMALA	Radio Cultural		fair in SS. 3325 ECUADOR Ondas Quevedenas SS good. Ondas Quev. was heard at 0715 with a good signal, and again noted at 1115 at poor to fair level. This one not audible in Melbourne!
3375	1115	UNIDENTIFIED	Latin		poor in SS 8/9. 3380 ECUADOR Radio Iris, SS at 1120.
3390	1112	ECUADOR	Radio Zaracay		fair in SS. 4762 PERU Radio Inca del Peru SS 1046, pr.
4781	1120	HONDURAS	Radio Juticalpa		fair in SS. A good level EE announcement was heard at 1121 inviting listeners to write to the station for more information.
4785	0810	COLOMBIA	Ecos del Combeima		fair, SS. 4790 PERU Radio Atlantida fair in SS 0541 Radio Atlantida was followed to 0600 s/off with Peruvian Anthem. S/on 1050.
4797	1055	BOLIVIA	Radio Nueva America		fair, with SS prgm on 8/9.
4800	1035	VENEZUELA	Radio Lara		heard with solid signals in SS, 9/9.
4801	0615	ECUADOR	Radio Popular		fair in SS. 4810 GALAPAGOS ISLANDS 1225, fair in SS.
4851	0545	ECUADOR	Luz y Vida		noted with poor signal but by 0815 was at very good level
4870	1145	ECUADOR	Radio Rio Amazonas		poor, SS. 4940 ECUADOR Radio Nacional, SS gd 1157
4975	1201	COLOMBIA	Ondas del Ortegaza		noted poor in SS 9/9.
5025	1100	PERU	Radio Quillabamba		fair in SS. 5060 ECUADOR R. Nacional Progreso, 0718gd
6105	1158	MEXICO	XEQM 'Su Pantera'		Merida good in SS on 8/9.
6115	0640	COLOMBIA	La Voz del Llano		was noted fair in SS at this time on 9/9.
6180	0645	BRAZIL	Unidentified Brazilian		poor in PP, 9/9.
6180	1210	GUATEMALA	Radio Nacional		good in SS, 9/9.

BANDWATCH CONTRIBUTORS ARE LISTED ON PAGE 2

ARTHUR CUSHEN'S SHORTWAVE REVIEW

19

Radio Moscow's World Service is operating for 14 hours a day and has replaced the regional programmes for various parts of the world. It is understood that over 40 transmitters of 500kW are now employed from 22 locations. This month African signals continue to be heard in the 60 metre band and with daylight time it is not necessary to listen so early. November 5 found many stations making major frequency moves. All times are in GMT, 13 hours behind New Zealand Daylight Time. Frequencies in kHz.

Australia: Radio Australia is using six new frequencies from November 5. 6060kHz 1530-2030GMT; 6080 1030-2030; 11800 1745-2000; 11865 1500-1730; 15105 1015-1530 and 15130 0030-0130.

Austria: Vienna is using some new frequencies including 5945kHz 0400-0600; 12015 2100-2400 and 17770 0400-0600 to Australia and New Zealand, while at 0600 21470 and 21550 are both well received.

Botswana: Gaborone on 4845kHz heard with march and identification at 1830GMT.

China: Radio Peking heard with the Anti-apartheid programme from UN Radio and noted on Thursday 1630-1700 on 15040kHz in English.

Germany: Deutsche Welle broadcasts in English to Australia and New Zealand 0930-1030GMT on 9650, 11850, 15275, 17780, 17800, 21540 and 21680kHz. At 2100-2200 on 7130 and 9765kHz.

Greece: Athens on 11955kHz opening 0000GMT but mixed with BBC.

Israel: Jerusalem to Australia and New Zealand from November 5, 0500-0515 in English is using 11655, 17855 and 21495kHz.

Korea: Radio Korea using two new frequencies 7550kHz at 1600, 2000 and 2300 and 9870 0530 and 1330 for 30 minute programmes in English.

New Hebrides: Radio Vila has extended its schedule and now broadcasts on Saturday previously a silent day. They are operating on 1420, 3945 and 98mHz FM.

Nicaragua: Radio Nacional heard very strong on 5950kHz all night and best around 0800 is testing with 50kW on this frequency.

Norway: Oslo is using new frequencies to this area 0700-0830 is on 9590, 11850 and 21730kHz and 1100-1230 is on 17840 and 21730kHz.

Spain: Madrid in Spanish to Australia and the Philippines 0800-1100 is on 9520, 9790 and 11730kHz. Alternative frequencies are 9510, 11890 and 11995kHz. English to Europe 2030-2230 on 7155, 9505, 11840 and to North America 0515-0615 on 6065kHz.

Swaziland: Trans World Radio on 4760 heard in German at 1830, while at the same time 4790kHz has a broadcast in Portuguese.

Taiwan: Taipei in English 2145 on 9685, 11825, 15225 and 17890kHz. According to a letter from the President, last year they received over 73,000 letters and they plan a new programme format for the future.

U.S.A.: KGEI is using 9575 to November 5, this frequency replaces 9685kHz for English 1000-1100GMT. From November 5, 9575 will be replaced by 5980kHz.

U.S.S.R.: The new Radio Moscow World Service noted 0400-1600 and 2100-2300 with a DX Session on Saturdays at 0533 on 17825kHz.

SPECIAL

SPECIAL QSLs are offered by: Holland's Happy Station for its 50th anniversary broadcast on Sunday 19 November. Only 4000 printed so be quick! Nihon SW Broadcasting has a special QSL for 23 November when it will co-broadcast on a satellite link with KZOO Radio in Hawaii. Beginning 1530 GMT that day with the EE prgm "Tokyo

Forum Get-together" on 3925, 6055 & 9595kHz, there will be some 15 hours of programming simulcast with the Honolulu station. Reports, with an IRC, to Nihon SW Broadcasting, 9-15, Akasaka 1-Chome, Minato-ku, Tokyo, Japan 107.

market square

BARLOW WADLEY XCR30 RECEIVER WANTED. Call Jack Farrow, 25 Wai-iti Cres, Lower Hutt. Ph 662.465

..sign off..

CAMEROON Current schedule of Radio Cameroon, Yaounde reads: 4.850khz 0430 to 0650; 1630 to 2300 GMT. 6060khz 0650 to 1630 GMT. 9745khz 1100 to 2300 GMT.

via Jack Searle

ALGERIA "Radio of the Democratic People's Republic of Algeria" sked EE 1900 to 2000 GMT (News 1905 to 1925) on 7145, 9510 and 11075khz.

BBC MS

AUSTRALIA Radio Australia, Melbourne via Lyndhurst 0800 to 1530 GMT on 6045khz replaces 9540khz to NZ 210CT.

John Mainland

SRI LANKA SLBC external see EE 1845 to 1945 GMT on 9720, 11870, 15120 and 17850khz.

BBC MS

MALTA "Malta Calling" EE Saturdays 2045 to 2115 GMT now on 6010khz in place of 5980khz.

BBC MS

USSR Moscow noted on 22025khz 0815 to 1100 GMT.

Bob Conner

MALI Thanks to a loan from the Federal Republic of Germany, Radio Mali will be able to buy two short-wave transmitters—with a power of 50 and 100 kilowatts—and a 100 kilowatt medium-wave transmitter. The installation should be completed by the end of 1979.

BBC MS

SOUTH AFRICA Radio RSA EE sked wef NOV 5: 0156 to 0250 on 9585, 9610, *11900 and 15155. 0256 to 0426 on 4990, 5980, *7270, 9585 and *11900. 0556 to 0700 on *15220, 17780 and 21535. 2056 to 2150 on *11900, 15155 and *17780. Mon-Sat 1056 to 1156 on 15125, 21535. 1258 to 1550 *11900, 15220 and 21535. Sunday only: 1258-1459 *11900, 15220, 21535. 1459-1550 GMT *11900, 15220 and 21535khz. *Denotes 500kw.

R.RSA

PAKISTAN R. Pakistan EE nx to UK 1005 -1010 GMT on 17665, 21625khz.

BBC MS

WEST GERMANY DW Koln 17730 1715-1805 replaces 21600khz wef 5 Nov.

John Mainland

AUSTRIA Vienna to Western No. America EE 0430-0500 on 5945khz wef 9 Oct ex 6015.

John Mainland

MALAYSIA "Voice of Malaysia" Malay directed to Aust/ NZ 0900-1000 15295.

BBC MS

CAMBODIA External See VV 1030-1100, 2230-2300 GMT on 4908, 11949khz. First observed 15 Sept 1978.

BBC MS

NEW ZEALAND RADIO DX LEAGUE

ADMINISTRATIVE OFFICE

P.O. Box 1313, Invercargill

All queries re membership, policy, subscriptions and competition awards should be addressed here.

STATIONERY OFFICE

P.O. Box 450, Oamaru

EDITORIAL OFFICE

P.O. Box 2956, Wellington

Only enquiries relating to content & distribution of the NZ DX Times should be referred to Wellington. Closing date for all contributions is 12 noon on the first Monday of each month.

ANNUAL SUBSCRIPTION: NZ\$ 7.00

Joining fee of \$1 for new members only. Overseas rates available on request from Invercargill.

USSR Radio Moscow and its associated services intend to employ a total of 39 500-kilowatt short-wave transmitters during the 'D' plan period 5 Nov 1978 to 4 March 1979. USSR is now operating 42 500-kilowatt transmitters from 24 different sites. Sites and frequencies listed for 500 KW are: Armavir 15210/17730, Tula 9610, Kiev 15110, L'vov 9765/11780, Baku 7825, Tbilisi 9760/11805, Yerevan 21505, Alma Atai 1745, Ashkhabad 11930/15195, Dushanbe 15155/15220, Frunze 9655/11740/15265/15435/17825/21745, Tashkent 11960/17755/17860/17875, Irkutsk 9735/15175.

BBC MS UHN

Algeria Further to the previous report, Radio Algiers has retimed the EE px to 2000-2030 on 9510 acc; to BBC WRC.

RCI DX DIGEST 29/10

CANADA RCI Nov 5 EE 1900-1930 17820, 15325, 11905, 5995; 2000-2030 17820, 15325, 11945, 11905, 5995. RCI 29/10
Philippines R. Veritas EE Nov 5: 0000-0030 11725, 15275, 17710; 0300-0330 15275, 15260, 17710; 1130-1230 9590, 11805, 15165; 1300-1330 9590, 11955, 15165.

R. Veritas annc't 30/10

TURKEY Voice of Turkey EE 2130 on 6185, 7170, 9515, 11955; Turkish at 1715 on 6185 and at 0545 on 11955 and 11965khz.

John MAINLAND

STOP PRESS

If you really like to hear Radio Sweden in languages other than Swedish, write to the Minister, Ministry of Foreign Affairs, P.O. Box 16121, S-10323 Stockholm, Sweden. The future of non-Swedish programming is in jeopardy following a govt survey of Swedish embassies which showed that they never heard from listeners!!