



NEW ZEALAND DX TIMES

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MONEY MATTERS

Among the matters to be discussed at the League AGM later this month are two proposals regarding subscriptions. Regrettably, as we all

know only too well, rising costs are still with us and to meet these the following new rates are proposed:

New Zealand Members	\$12.50
Overseas Members:	
Australia & South Pacific	\$17.50
North America & Asia (excluding Middle East)	\$21.00
Europe, South America, Africa and Middle East	\$22.50

RAGCOM has also suggested that to streamline the collection of subscriptions, improve budgetting and strengthen the League's finances, all should fall due on the 1 September in each year.

The following simple example will illustrate the reason for the change. If you paid your sub. in July 1980 - one-sixth or \$1.67 was applied to July and August 1980 and five-sixths or \$8.33 carried forward to 1980/81. When you renew in July 1981 - one-sixth or \$2.08 will be applied to bring the total available for the year to \$10.41 - and this has to pay for what is costing the League \$12.50 to provide.

There may be some teething troubles in the first year but we ask members to bear with us and then come 31 August 1981 we shall be in the clear and on 1 September you will all be asked to pay your subs. by 31 October at the latest.

Full details of the AGM decisions will be published next month and we hope that all will assist us by making prompt payment of their subscriptions.

CLEAR THE AIR

A proposal by John Pascoe - The Three Frequency Proposal - published in the September news bulletin of the ADWLC caught my fancy. I hope that John

will bear with me if I present it in my own terms.

John points out that in recent years the increase in users of the spectrum, coupled with high power, has caused severe overcrowding. He suggests that each station should be allowed to use a maximum of three frequencies for each transmission to a given target area. He gives the following examples of over saturation:

0300 - 0400 GMT	Moscow uses 16 frequencies to North America
2300 - 0100 GMT	Moscow uses 14 frequencies to North America
0120 - 0150 GMT	Deutsche Welle uses 2 frequencies to U.S.A.
0200 - 0230 GMT	R.Polonia uses 7 frequencies to North America
0530 - 0550 GMT	Deutsche Welle uses 7 frequencies to North America.

He suggests the following remedies:

1. Each and every international SW Broadcast Station will be allotted a maximum of 3 frequencies for use to each target area during each (T_{B,2}) transmission.

②
"CLEAR THE AIR" - (continued from Front Page)

2. In the case of a station using omnidirectional transmissions, the same 3 maximum frequencies will be allotted.
3. In the case of a station using a Longwave or Mediumwave outlet in conjunction with the SW outlet to the same target area at the same time, then that station will be allotted a maximum of 2 SW frequencies.

Personally I go along with the proposal all the way - BUT I foresee that if it is to have any chance of success there will have to be major changes not only to attitudes but also to the rules. At present four times each year the broadcasters are expected to advise the International Frequency Registration Board of frequencies they intend to use in the following period, the times and the target areas. The latter are the CIRAF Zones of which there is a total of 75 throughout the world. In North America alone there are 8 designated target zones so that, theoretically, even if John's plan were accepted, an international broadcaster could blanket the continent with 24 frequencies. The other CIRAF Target areas are spread as follows:
Europe, including USSR - 5, Africa - 8, Asia, including USSR - 23, Oceania - 7, Central America - 2, South America - 5 and Antarctica - 7. The final 10 are scattered around in various ocean areas.

If you feel that the idea has merit, you could follow John Pascoe's suggestion and write to the I.F.R.B., I.T.U., Place des Nations, 1211 Geneva, Switzerland. You could also have a go at the Minister of Broadcasting through your local MP who might be prepared to ask a question in the House.

ED.

editorial changes

This month we can mention a few changes which will be taking place in the future. We advised some time ago that Ray Babbage would be giving up the Ladder section. Stuart Forsyth will handle that one. The next to go is John Allchin, who is returning to Australia. SW Mailbag will be taken on by Bill Huddleston. And finally, in this issue we welcome Tony Marr, who is taking over the Equipment feature from Bruce Lister.

On behalf of members we offer our very sincere thanks to those who are leaving for the time and effort they have put into the 'Times' and we wish them continued good listening and success in all fields in the future. To those who are or will be starting soon, we say thanks for filling the gap and we hope that you will enjoy making your contribution to the 'Times' as much as we shall enjoy reading it.

And lastly we were sorry to hear about your argument with a truck, Philip Hamlin, but it is good to know you are nearly fully recovered.

ED.

REMEMBER WHEN YOU PUT YOUR CLUCK BACK ON 26 OCTOBER THE DIFFERENCE TO GMT INCREASES TO THIRTEEN (13) HOURS.

market square NATIONAL PANASONIC
RF 2200 - 8 Band
SW double superhet, direct read-out -
3 years old - as new \$220. Tel. Porirua
35874 after 6 pm.

letters: Barry Williams' note in April 'Logging 100' counted some interest. Thanks to Russ Dear, Invercargill, for your letter. Hope to follow it up later. Thanks to Ian Cattermole for sending the Spanish Dictionary - prize for the LA Competition. Viv van Dyk, Auckland, is in the UK by now and will be busy logging LW, FM and other frequencies not evident in NZ. To answer questions from Hank Wilkinson, Santa Rosa - Thought R. Pacific was pretty prompt with veries: Next League Convention expected in 1992: Weather in mid-April - North Is. Temp. Max.18C Min.12C, Rain on 11 days, Sun 152 hours: South Is. Temp. Max. 18C Min.7C, Rain on 8 days, Sun 130 hours. (How's that for abbreviation?) And lastly a long newsy letter from Frank Crow, Los Angeles - like your comment on the presidential election - we don't have a write-in choice but if we did I'd probably be voting for Mr.M.Mouse or Mr.D.Duck for Mayor in the Municipal elections next week.

Thanks to others who have written and sent information. Just not space for everything.

ED.

FROM THE BRANCHES

AUCKLAND: At the September meeting the 23 members present discussed the format of the meeting and it was agreed that the formal part would last a maximum of 30 minutes so allowing more time for DX chat. Jim Gorman takes over as Secretary as Shirley Jamieson is unable to continue - Shirley remains on the Committee. COMPETITIONS: ANNUAL - MW Shield - John Allchin, SW Trophy - Jim Gorman. MONTHLY - SW over 9 - Dubai 21700 Evan Hunt/Jim Gorman, SW under 9 - Bryan Clark - Lesotho 4800. Novice - Nicholas Pacy - Vanuatu 7260. MW - John Allchin - KAAP 250 w. (? Freq. - Ed.) NEXT MEETING; 26 October - NZART Club rooms, 3000 Gt.North Rd. New Lynn. Enquiries: Jim Gorman - 2985534.

BAY OF PLENTY: The Waikato Branch was formed on 130980 with Colin Campbell present as guest. Two Rotorua members are overseas until October when it is hoped to have an AGM for Bay of Plenty members but not necessarily in Rotorua. David Felden has moved to Waipukarau on promotion. Would all Tauranga, Tokoroa, Taupo, Potorua, Whakatane, Te Puke, Kawerau members please contact Colin Campbell, Tel. 81161 Rotorua, 6 Clouston Crescent (Bus.73719 weekdays) so Branch can be reformed.

CANTERBURY: At the AGM on 28 September the following Branch Officers were elected: President - Stuart Forsyth, Vice-Presidents - Lance Cullen/Bruce Lister, Secretary/Treasurer - Alastair Stewart, 37A Merrin St Christchurch 4, Tel. 588496. NEXT MEETING: 2 November at 48 Bowenvale Ave. Enquiries to Secretary.

SOUTHLAND: 11 members attended the September meeting at Irene Simpson's. Discussion centred round the forthcoming AGM, recent listening at Tiwai and what members are hearing in general. COMPETITIONS: 80M - MW - T.Magan Tikiner 1395 10kW, Merit T.Magan Hong Kong 1044 10 kW. SW over 9 - R.Crawford HCJB 26020, Under 9 - S.Greenyer R.Neiba, Colombia. NEXT MEETING: 21 October at 7.30 pm, Eric McIntosh, 5 Wilfred St. when it is hoped Keith Barton, Secretary, Southern Cross DX Club, Adelaide, will be the guest.

WAIKATO: At a meeting attended by 8 members the combined Waikato/Bay of Plenty Branch was dissolved and a new Hamilton based Waikato Branch formed with the following officers: Chairman - Jim Benzoni, Secretary/Treasurer - David Munn, Committee Stephen Acott, John Durham, Peter Jones. Rules were discussed and referred to the Committee. Branch members Stephen Acott, Jim Benzoni, David Munn, Ralph Stowers manned a display at the Hobbies Exhibition on 19/200980 during which 58 countries were noted and several enquiries received. The Branch will be mounting a display at the NZ Sport & Recreation Fieldays in November. Visiting DXers will be welcome - Contact David Munn 86091(B)/492667(H), or Jim Benzoni 62889/4847 (B) 54695 (H). NEXT MEETING: 19 Oct. 6/6 Stanley St.

WELLINGTON: Members meeting at John Mainland's heard two tapes, the first of a recent BBC World Radio Club presented by Phil Barton and the second the 30th Anniversary Broadcast of DX Juke Box from Radio Nederland. Apart from general discussion of new receivers and station observations, plans for future meetings were discussed. It is hoped to have an open day, probably the last Sunday in November. Bring your receivers, your veries, your wives, your families, your girl friends - and, oh yes, something to eat and drink. Watch this space for details. In early 1981 we hope to have a look at the new Weather Satellite Receiving Terminal at the Met. Office in Kelburn - it should be fully operational by then. NEXT MEETING: Friday, 31 Oct. 8 pm., Bob Conner, 9 Paeroa St. Newtown.

in memoriam

Those who knew him will mourn a friend in Norman L. Maguire who died on 26 July. Norm who started DXing in 1936 had a collection of 3100 QSLs from 80 countries. A man of wide interests, he was a brilliant engineer, a keen yachtsman and a collector of wine bottle labels. Born in New England he became the first engineer at KOB-TV in Albuquerque. After his retirement to Hawaii some years ago he visited New Zealand twice attending the 1977 Convention at Christchurch. One of the highlights of his visits here was the night at Tiwai when he logged 13 new Europeans. And it would have been more if his pen could have kept up with his ears. Our sympathy goes to his family.

BROADCAST DX FOR EL PERSONAL NECESARIO

4

According to advertisements for staff the Manawatu Radio Company station 2XS in Palmerston North plans to be on the air early in 1981. The company is to broadcast from modern studios in Palmerston North. The frequency is not known as yet but at a guess we would say it was to be in the 800's. Their address is P.O. Box 446, Palmerston North.

A publicity sheet from Radio Fjordland, Box 252, Dunedin advises that they have a warrant to broadcast from Te Anau for two weeks from 26 December 1980 with the hours of 6.00am to midnight NZT. (The frequency is not known.) Noel Parry

Radio Rhema is operating on 603 kHz from Auckland with the call sign of 1XG. The station is on for a two month trial period which will end in mid November. According to staff at Rhema a new frequency (1505) has not as yet been allocated by the Post Office and longer hours - to midnight - will not commence from 3AT until operations commence on the new frequency. Tony Silke

The bad news for the month has to be the announcement that Radio New Zealand's two commercial networks, the 2B and 2M stations, have been given the go-ahead to broadcast 24 hours daily. This was the decision handed down by the High Court following an appeal by the private radio stations, of a Broadcasting Tribunal decision following hearings earlier in the year. Radio New Zealand hopes to start all-night broadcasts within a month. This will mean that we will have some sixty odd stations on the air 24 hours a day, surely a ridiculous situation when the small listening audience in the wee small hours is taken into account.

The Broadcasting Corporation of New Zealand has applied to the Tribunal to carry advertising on the YC Network and some regional national programme stations during the summer months when carrying the Sports Roundup programme.

Feilding Community Radio with the call of 2XF operated on 1594 kHz with a power of 100 watts from 27/9 to 10/10 except for weekends. Studios were located at the Feilding Community Centre, Fergusson Street, Feilding. For those who were lucky enough to have heard them a prepared card and return postage is required for a verification. D. Riquish

2YB Wellington 783 kHz will be on the air with a special warrant for the Futt Valley Community Arts Festival for a 7 day period from 27/10. Ethnic and local amateur musical groups will perform live as part of the festival program. This will run as a trial for a full warrant as an access station. The amendment to the warrant seeks to allow community, ethnic, social services, sporting and cultural groups to use 2YB for 24 hours daily without restriction with their own programmes. Initially it will air programmes for three hours on Sunday mornings. D. Riquish

1ZK Kaitiaki 1026 will carry independent programs every Tuesday and Thursday 0900-0930 NZT with some extension allowed on some days. 1ZE Kaikohe 1215 will carry its own programs on Mondays, Wednesdays and Fridays with similar hours. Both are allowed this change to warrants through to March 1981. Tribunal

Radio Sunshine is to broadcast on 1305 kHz from 17 to 27 October in support of the St. Kilda Surf Lifesaving Club rescue jet. No hours are known or what the power will be. Info gleaned from an advertisement for the station. D. Powley

Now to dip into the mailbox;

PAUL SCHMELL, Palmerston North, has been busy and reported 1ZA, 1ZC, 1ZD, 1ZN, 2YA, 2YB, 2YX, 2YZ, 2XC, 2ZD, 2ZE, 2EN, 2XG, 3YA, 3ZB, 3ZC, 4YA, 4ZB, 7HO, KINA, K3SR, K4M1, Fiji 553. Veries in from 1ZA, 1ZC, 1ZD, 1ZH, 2YA, 2YB, 2YX, 2YZ, 2YZ, 2ZC, 2ZD, 2ZE, 2EN, 2ZN, 2XG, 3YA, 3ZB, 4YA, 4ZB, 7HO, K3SR.

PETER JONES, Hamilton, has one out to Rhema 603 and one in from Noumea 666.

CHRIS MARTIN, Lane Cove, NSW, has no reports out but has veries in from Wencheng 564, 909, Chenyang 1029, WXOK, KSTX, KGNR, KARG and WIZM for State 36. Gud luck on Fraser Island.

LINDSAY ROBINSON, Invercargill, has logs of 3ZK, 209, 2XN and 3S1's in from 2CN, 4ZB, 2YA, 3YX, 2ZK, 200.

FRANK A. KIMBLE, Barfield, has reports out to Cinco 1490, 2ZM, 2BA, 2EA 1506, 2PK, 2XA, 2YC, 8AL, 3MP, 2GN, Israel 783, Saudi Arabia 1512, 1521, Radio Mediterranean 1537. Veries in from Singapore 792, 4Y0, 2DU, KPFE and 2EA 1385. (Guess 2EA now off 801).

BOB HOMEWOOD, Papakura, has reports out to Bergaville, 12K, 2F, 2ZH, 2P, 1XU, XG, TWR Benaire 500. Veries in from 1YE, 2H, 2K, 2ZH, 2P, XA 1505, 00, VL2NI, TWR 800.

BRIAN WOOD, Upper Hutt, Reports out to Vanuatu 1125, 2KA, 2C, 2L, 2M, 2AN, 2A, 2C, 2Y, 2K, 2L. Veries in from KXWH, Singapore 792, 112, 2BS, 2Y, 2A, 2C, 2H, 2G, 2A, 2Y, 2AR, 2L, 2G, 2C, 4QO, 2C, 5CI and 2ZL.

HANK WILKINSON, Santa Rosa, California, has received veries from HUCO, 72R, 12B, 2YB, KICE, 72L and K8S 1143. Reports to Tahiti, K8S 756, Fiji 927 and 1200, 1XU, 2AR, 4YC, JONG, JONK, 4AT, 4ZJ, 2ZC, 1ZA.

JIM GOREAN, Papakura, has reported 3YX and 2BS with 3S1's in from 1YE, 2CP, 3YX and 50L.

KRITH ROBINSON, Kapuka, has reported 2DU, 2CV and 43B and 4XQ. Veries in from 1YB and 3YK.

IAN CATTERMOLE, Blenheim, has reports to 1KP, 2NA, 4XA, 5CK, 6PM, 7FG, 8WKV, DYPX, DZMO Y5B1, KRAK, KDEC, KKON, JOAD, JCFK, JCCB, HLSR, BBD76, XET and S/pore 990, 792. Veries from 1KP, 2SF 1215, 2NA, 4KK, 3MP, 5PI, JOTF, Guangdong 1062.

ALEX WELLMER, Bondi, NSW, has reported 3MP, 7BU, 301, 206, 3DB. Veries from 3MP, 7BU, 3DB.

DAVID RIGUSH, Wellington, has reported 1XG and 2XF with veries from 2XF and 2GN.

BRYAN CLARK, Auckland, has reported Samoa 1062 and Rhema 603. Verie from Active 1503.

ROBIN CHAMBERS, Ounake, has reported HLSR, 6WZ, Singapore 792, KATZ, WSPD, 4XQ and K3JB. Veries in from 1YB, Suva 711 and Singapore 792.

JOHN ALLCHIE, Auckland, has logs of 3PFR, CKK, KPAC, KNT and CKK. Veries in from KAAP, KNIX and 60W0 after 3 tries. Agree with your sentiments on situation.

BOB DUNSTONE, Invercargill, has reports out to 2XF and Nicaragua 620.

RAY CHAFFORD, Invercargill, has 3S1's from 1ZH, 2D, 2XC, 2K, 2E, 3WA, Vila 1125, TWR Monte Carlo 1467, PLA Fujian front 846, Uganda 575, 809, 909.

5 It is our intention to publish details of verifications on the broadcast band. If you have any that would be of interest to others please send in details of such things as verie signers, changes to schedules, power increases and such like. As we get enough to fill a column we will print details.

2ST Nowra on 999 verified with a card also giving details of 2ST Bowral on 1215. 2ST 999 opened on 4/6/72 with a 5kW transmitter using a twin vertical radiators 61 metres high with top loading. NW-SE pattern. The Bowral station on 1215 opened on 2/11/79 with a 350 watt transmitter. The aerial system is a single vertical radiator 44 metres high with top loading. Omnidirectional.

Radio Vanuatu, Vila 1125 QSL card with full details. Verie signer I. J. Irving.

Radio Deutsche Welle, Malta non data card and pennant for 1557 reception for self addressed envelope for prompt reply.

Saudi Arabia. Full data card for 1521 from General Director, Engineering Dept. Received registered airmail.

Philippines. DWRV Radio Veritas MW station on 846. Verie on QSL card and personal letter from Jesus S. Torres, Technical Director. DWRV broadcasts with 50kW with a two tower directional antenna with a radiation pattern resembling a figure 8 whose major axis lies 340° and 160° reckoned from true north.

Uganda. Sea mail verie letter from F. X. B. Katene, Chief Broadcasting Eng., for reception of 575, 809, 908 kHz in 1977 from Australia. Wishes to receive reception reports for SW broadcasts beamed to USA and NZ on 15325 0300-0430. R. Crawford.

U.S.A. KGNR Sacramento on 1320 with News Radio 132 QSL card. Signer not readable. 5kW transmitter.

Regional Addresses for Indians noted in UADX magazine. AIR Bombay, New Broadcasting House, Backbay Reclamation, Bombay 400 020. AIR Madras, Madras AIR Madras, Madras 600 004.

RAY CHAFFORD, has reported 2AN, 2C, 2L, 2KA, 72R, 12U, 2EA 1506, 3WA, Active, 200, Rajkot 1071, Israel 738, J601, 2AP, and Nicaragua 620.

KXRB
1000 ON THE DIAL
100 N. Phillips, Sioux Falls, South Dakota 57102

KSDN
MIGHTY 93
100 N. Phillips, Sioux Falls, South Dakota 57102

BROADCAST DX

560	Unidentified with pops 1320. KSFO-?	JA.	1370	CFOK agricultural report 1245 WSPD good 0759.	JA. RCh.
570	KLAC Country music, 0645	BC.	1380	COLO COLO, on top 0:45. good in SS but no IL heard.	BC. DF.
580	KLJ fair-good, Larry King show. 0957.		1430	WJBB ? or similar call letters good. any ideas?	RCh.
600	KOGO " All Night Request Party." 0724 Saturdays. ABC nxs 1100 Cuba, SS Music, BE ann, weak.	DF.	1580	WJHD Madison Tenn. heard here few years ago.	Ed.
603	7ZL 0710 till tune out 0730, early for Wellington. Is heard all day in Infill.	DF.		CEJ Chicoutimi, Quebec 0705 22/9. All speech in FF.	DF.
620	Licaraqua, good signal 0700	RC.	MORNING TRAIL.		
670	WHAQ poor 0900 with news.	BC.	576	IPOH Malaysia good 1815 Alleppey fair 1728	RCh. "
690	KKUA strong 0955.	RCh.	585	RNI Surabaya running late on Saturdays 1755.	BC. DF.
740	KTHH fair with talk 0914.	JA.	600	BED76 very good 1235.	RCh.
760	KGU loggable despite 11A. 0900 18/9.	BC.	648	Jeddah strong 1740.	RCh.
770	KOB weak but easy, "77 KOB." KCKL classical music dominant 0910. SS fair 0700.	DF. BC, RCh.	702	Masirah AA/EE Lessons 1743	"
800	PJB PP weak 0815. " SS fair 0900.	DF. BC.	738	Oman fair 1825 1/10.	"
850	KTAB fair with adverts 1345.	JA.	792	Singapore exc in EE to 1631 off.	"
860	CFPR very good and on top. of XERO.	JA.	828	Syria fair/good 1745-1835.	"
910	Argentine good 0745, 29/9/ CJCA strong nxs over KHJ, 1305.	RCh.	854	Ethiopia. fair 1750.	"
940	KFRE, " Kay Free." exc, jingle and pops, 0914.	JA. BC.	909	ABU GHRAIB fair/good 1750	"
950	KJR frequently with rock 1150	JA.	963	ETZ good 1551-1601	"
970	KYTE dominant 1027.	JA.	1125	Libya good 1755.	"
990	JORK mxg/over KHUA 0915	DF.	1188	Tehran good 1835.	"
1020	KTLQ all SS, clear 0625	BC.	1359	4XQ with 100w on 24 hours.	"
1030	KOTA very good over KWOC with religion 1215.	JA.	1530	Thai good 1730. Vatican fair 1812.	"
1040	WHO behind KFOI 1208	JA.	1566	Bandar Abbas exc. 1814.	"
1060	GFCH. 1155 good nxs 1200. " regular mxg KPAY.	DF. JA.	Credits. R.Chambers Opunake. B.Clark Auckland. D.Fraser. Upper Hutt. J.Allchin. Auckland.		
1080	KIOE strong with talk show 1210.	JA.	Mailbag Continued.		
1060	Mineria, Chile. good 1050.	DF.	ARTHUR CUSHEN, Invercargill. has veries in 1YB, 4LH, 2XA, 8UR, 2ST, 2AP. and reports out to Delhi 1368, ACTIVE. 8TC, 4ZL, R.Viria 1330. TWR Monte Carlo 1467. 7MT, JOHN, 8AL, 2EA 1366, Pakistan 1035, La Voz de Valle 1140, Alk Rejkot 1070. Ta.		
1090	KING good but heting 29/2/3w. at 1215.	JA.	JOHN CAMPBELL, U.K. summary of veries, BBC Carfax 526.5, London traffic info st. CJCS, CKPC, WIOD, WOB, WRVA, Mildare 1323, Irish Pirate, Delta 1322, Roseo 1326, Dutch Pirates. and with two follow up after 2 years Seychelles 1331 country 99 and St. Helena 1511 for Country 100. ta.		
1100	KPAX " Other People Other ways." 0630.	BC.	BEST OF THE MONTH		
1120	KPLW. " Serving Pacific North West. ID 0830.	JA.	Junior. Paul Schnell. KVVH, 999 kwz. 5 kw 26 points.		
1125	Vila 0940 FF very good.	DF.	Senior. John Allchin. KAMP. 140 kwz. 250 watts, 136 points.		
1140	CKXL fair with nxs 1300	JA.			
1150	CKX good with " 11-50 CKX." 11s 12a.	JA.			
1160	KSL equal strength with 2ZK 0622.	BC.			
1170	KVCC good with GAW 055a.	JA.			
1300	KJBB on top KJPS pops 1222.	JA.			
1320	GHM easy listening mxg with KAMR 1310.	JA.			
1360	KFO fair, hettin. PAX 1245	JA.			

Continued.

A DXER'S WORLD TOUR PART III Continuing a series of articles adapted from an 11 page report by Pete Taylor on his trip through Africa and China last November and December.

After Kenya it was on to Egypt. Foreign daytime DX from Cairo included Cyprus, Israel, Lebanon 1500, Saudi Arabia 594 and 1521, Bulgaria 576 under Israel (but over at nights), and Syria on 566 and 782. Items from the nighttime DX trail - 648 Russian here. Others from USSR noted on 549, 873, 720 BBC Cyprus EE nx only poor 1512 GMT. 792 VOA Kavala EE mixed unid AA 1837. 1206 Polish synchros, good 1820. 1314 Italy synchros here 1820, also 1332. 1395 Albania gd in GG 1815. 1422 Saarbrucken GG fair 1815. 1476 Vienna classical mx 1907. 1500 Radio Free Lebanon in EE re Middle East peace 1755. 1584 AFRS Athens with sports 1627. 1614 Eastern Crete, Greek anthem at 1959 s/off. Per verie from Station Director George N. Papageorgiou "Radio Station of Eastern Crete", Box 2, Ierapetra, Crete is a private station operated under govt licence to overcome difficulties in the reception of Radio Athen -s due to strong interference from AA stations. A home-made 1kw transmitter feeds a 30 metre conical monopole antenna.

The visit to China by Pete, Kristine and the Sony ICF-6700W may well have been the first in recent times by an active DXer from the west. Listening in the Peoples' Republic was spiced with 1kHz hets on nearly every frequency, and some drifting transmitters and jammers added to the scenario. In Beijing (Peking) locals were on 639,720,828,927,1036 & 1476kHz. 603 and 801 are either in, or very close to, Beijing. 783 Baoding and 909 Tianjin are also quite strong. Shanghai locals are 540 (1st Central prgm), 792, 855 (2nd prgm), 1099-1101 drifter, 1296 language prgms, 1431-1433 drifter (listed 1422). Jiangsu is the strongest semi-local. No towers were sighted but quite a few images were observed. In Hangzhou (Hangchow), locals are 830 and 1530, with Shanghai 540 and 855 both good. Many images. The band was also scanned at Guangzhou (Canton) and locals here are 648, 735, 901, 1062, 1201 & 1341. Hong Kong stations are audible when jamming is absent.

From collective observations in the above cities, the CPBS 1st prgm was positively noted on 531, 540, 549, 560, 567, 585, 621, 635, 639, 648, 738, 756, 801, 837, 981, 1017, 1035, 1053, 1069, 1077, 1197, 1238, 1287, 1332, 1350, 1359, 1363, 1369, 1395, 1408, 1415, 1575 & 1602. No local idents are carried on straight CPBS-1 outlets, and when prgms are aired on regional stations, they are preceded by "Central" ids. The 2nd CPBS prgm is carried by Beijing 720 & Shanghai 855. An additional night-time outlet on 603 was also very strong in the Chinese capital, with jamming carried after the prgm concludes at 1600 GMT. Other CPBS-2 frequencies noted were 723 (possibly), 747, 897, 899 & 1044.

continued. BC

CAMBODIA: The "Voice of Kampuchean People" on 917 is scheduled as, 2258-2400, 0358-0400, 1058-1330 (not Saturday), 1058-1400 Saturdays.

CHINA: A survey early in September showed the following stations; Heilongjiang PBS (Harbin) 1st prgm on 621, 900, 1341. Inner Mongolian PBS (Hohhot) on 675 in standard Chinese. On 1458 and 1548 in Mongolian. Yunnan PBS (Kunming) 1st prgm 576, 990. Tianjin PBS 1st prgm on 909 2130-0530, 0735-1515. 2nd prgm on 1071 2150-0040, 0135-0840, 0955-1500. 3rd prgm on 1386 0135-0515, 0950-1500. Also on 954 with language lessons. Times not known.

BBC-MS

Jilin PBS on 738, 1107, 1485, 1530 2050-0520, 0850-1510. Zingjiang Uygur AR PBS on 630, 675, 684, 702, 738, 999 at 2230-0200, 0330-0700 and 1045-1720 in std CC. Kazah network on 909, 954, 972, 990, at 0050-0230, 0530-0700, 1200-1720. Uighur network on 558, 810, 846, 882 and 1413 at 2230-0200, 0330-0700, and 1045-1730. Satoshi Wakisaka

JAPAN: FEN Sasebo reported on 1575 ex 1566. Nagoya DXers Circle

JORDAN: According to a schedule Radio Jordan on 855 is in EE 0500-1730. Also on 1485 R.Jordan closes in AA at 2300. SCDXers

PAKISTAN: External service on 756 1300-1420 in Hargazi and 585 1600-1800 with news at 1615. Both beamed to Afghanistan. BBC-MS

QATAR: Latest schedule shows AA on 675, 954, 1223, 1485, 1602, 0245-2100. EE on 999 0300-2100 with news at 0430, 0530, 1500, 1700. WRH NXletter

UNITED ARAB EMIRATES: Abu Dhabi on 729, 810, 972, 1575 s/on in AA 0213. 809 closes 0601. Opens again 0800 in EE with EE News 1030-1045, FF 1100-1300, Urdu 1300-1600 s/off. Dubai uses 1107, 1250 and 1481 in AA. Umm al-Qiwayn on 846 0215-0700 and 1100-1600. SCDXers

VIETNAM: Voice of Vietnam in Ho Chi Minh City on 870 operates 2157-0030, 0200-0600, 0930-1540 (Suns 2157-1540) News from Hanoi at 2300, 0200, 0400, 1100, 1430, 1530. BBC-MS

KATB, 24 hours a day 485 November for US elections.

It's a little while now since we had the last Equipment Review, and I would like to take this opportunity to thank Bruce for his hard work he has put into these pages. He will be carrying on with the equipment reviews as in the past, hopefully from comments supplied by you, rather than having to take comments straight out of the manufacturer's sales orientated and exquisitely photographed brochure.

As well as reviews on receivers and other items of related equipment I would like to have even more participation from you; perhaps you have some particular problem concerned with your listening or maybe you don't really understand what the machine is trying to tell you about the new receiver you're thinking of spending your hard-earned savings on. Hopefully, we should be able to sort out some of these hassles here, the only requirement being that the subject will be of general enough interest to warrant being published. I'm sure this still leaves us with a very large field of possibilities to look into here, so have a think and don't be afraid to ask. Answers will be written with as little complicated technical jargon as possible too. Send your queries and comments on your new receivers or on models you've done to them in with your regular notes, and as space permits we'll see how we get on with them.

As a start, I thought that perhaps a few words on what to look for in a new receiver might not be out of place, as there seems to be an ever increasing variance of models available these days.

A good adage for checking out a receiver is that what it doesn't hear is more important than what it does. This may seem odd at first, but if you think for a moment, there's always a terrific amount of different signals arriving on your aerial, and it's your receiver that has to discriminate against all those, we hope, and just reproduce the one that you're tuned to. This can be quite a demanding task by any standard, so the first thing to accept is that the sensitivity of the receiver isn't its' main selling point. Manufacturers usually describe the sensitivity in terms of how many microvolts (millionths of a volt) of signal input the receiver needs to give a stated output from the speaker. You'll see that some receivers get down to around 0.25 microvolts while others may state as high as 2 or even 3. This really doesn't matter much at all, as over virtually all the shortwave spectrum, the general noise level, whether it's from bursts of static or galactic or solar noise is very often high enough to make these different sensitivities quite unnoticeable. Also, it may well be that a very sensitive receiver may be more prone to overloading from strong signals. Above about 20MHz or so the natural noise level does decrease somewhat, although it still does vary a good deal. It's only around these frequencies that you might be able to hear the results of this better sensitivity, so you would have to decide how much of your listening time you would be spending above 20 mhz.

Getting back to what the receiver doesn't hear, we mentioned overloading earlier. There are several different forms of overloading, but they all come down for our purposes to the problem that most of us have struck, especially on medium wave, when we're plagued with our local stations appearing all over the dial. Contrary to some beliefs, this isn't the fault of the broadcasters, but is a serious failing of a great number of modern receivers. In the old days when we all used valve receivers this wasn't nearly as common a problem as it is today, because one thing in the favour of valves was that they could handle a far greater range of signal levels without overloading than transistors can today. As a result we have our transistor receivers being driven into overload and producing these 'false' signals all over the band. Although it's most common on medium wave, it's well worth checking out on shortwave too, as at least one current brand of receiver I've seen suffers badly from very strong signals, such as those we would expect from Radio Australia for example. If you have a receiver you're trying out, I would suggest that if it runs off batteries or 12 volts as most do, take it on a small 'DX-pedition' to within a mile or so of your local station and see how it performs. This should give some sort of comparison with the signal levels it is likely to live with in the future when you have it at home with a low large aerial system.

a new receiver

The SONY CRF 1

Normally I would not stick my neck out by writing about a new Receiver, but courtesy of Email Industries Ltd., I have the use of one for a couple of days and it seems reasonable to share my impressions of this rarity. First, though, the manufacturer's specifications:

Circuit system: Dual conversion superheterodyne. Semiconductors: 21 ICs, 21 FETs, 68 transistors, 99 diodes (including 12 LEDs). Freq. range AM 10 kHz - 30 MHz. Operating Modes: AM(Wide, Narrow), USB, LSB, CW. Intermediate Freq.: 1st - 55.845 MHz, 2nd - 455 kHz. Sensitivity:

Frequency	AM(NARROW)	SSB
10kHz - 50kHz	30dB(30 V)	20dB(10 V)
50kHz - 30MHz	0dB(1 V)	-10dB(0.3 V)

Selectivity:

Band width	Mode	AM		SSB
	Wide	Narrow	SSB	
- 6dB	More than 10kHz	More than 4.4kHz	More than 2.0kHz	
-60dB	Less than 16kHz	Less than 8.0kHz	Less than 3.4kHz	

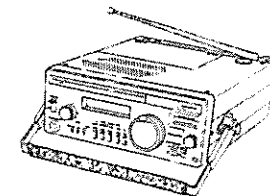
Image rejection: 1st - 100dB at 10MHz, 2nd - 90dB at 10MHz. IF Rejection - 90dB at 10MHz. There is the usual provision for various power supply, Headphone and recording jacks, Antenna terminals etc. Dimensions 260 x 100 x 330mm. Weight 6.6kg.

Tuning is carried out with a single large knob. With this pulled out - a very positive movement - the whole frequency range can be swept with approximately 7½ turns. Pushing the knob in locks to the a 100 kHz block and the frequency can be tuned to 100Hz. Both analogue and digital read-out are provided, the former being of use only as a basic indicator for swept reading. With the tuning knob in the locked position approximately 1¼ turns are needed to sweep 100kHz.

Comments: In my experience every new receiver one uses has its own individual characteristics and it takes some little time to get used to these. With the CRF 1 the first thing I noticed both on sweep and fine tuning was the speed with which one moves from one frequency to another - for example, one can be tuned to a station in 60ms and decide one wants to tune a station in the 19mb, pull out the knob and start dialling and before you've realised it you're way up in the 13 or 11 mb. The same applies to a lesser extent with the fine tuning. The tuning knob is unbelievably smooth and does take a little getting used to, but when one does it is a joy and it is very pleasant not to have to make all the adjustments for changing from band to band. The fine tuning button seems to take care of all but the very strongest stations on the same or adjacent channels and the preselector and antenna selector help bring up signals on the appropriate bands. I could wish that the markings on the preselector were a little larger and a little clearer though after one has used the receiver for a little one becomes familiar with the settings for the different frequencies. The tone, not adjustable, is quite acceptable. Stability is also excellent.

I happen to be a Sony fan and I am impressed with this addition to the range. Compared with my ICF 6800W, it seems to have much the same performance except possible on SSB which is easier to tune on the CRF 1 than on any other receiver I have used so far. I did not really try it out on the MW band. One other point - I was very happy to be playing with a receiver which wasn't cluttered up with FM which I am never likely to use.

Whether the advantages are worth the additional cost is for the purchaser to assess.



New Zealand

Radio DX League

OFFICIAL PUBLICATION: "THE N.Z. DX TIMES"

To: Stationery Secretary NZRDXL,
P.O. Box 450, OHARU 8900.



Name:
Address:

Post Code:

FOR REPORTING STATIONS:

Aerogramme Report Forms.....@50(200g) for \$1.75 =
 Surface Report Forms.....@50(160g) for \$1.00 =
 Log Book for recording Station Loggings.....@1(110g) for \$1.50 =
 Prepared Cards for hard to verify Stations;
 English/Spanish (Delete one NOT required).....@25(110g) for \$1.00 =

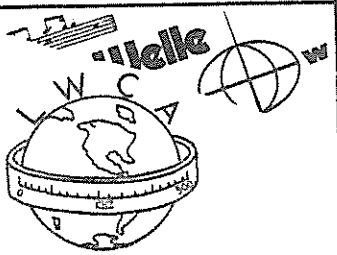
POSTAGE STAMPS:

U.S.A. } 31c value (Airmail)..... @ 37c each =
 } 14c value (Surface)..... @ 19c each =
 AUSTRALIA. 28c value (Surface)..... @ 35c each =

MEMBERS CORRESPONDENCE AND MISCELLANEOUS ITEMS:

Aerogrammes with League heading.....@ 50 (200g) for \$1.50 =
 Surface with League heading.....@ 50 (160g) for \$0.90 =
 Lapel Badges.....@ \$1.50 each =
 Car Stickers (Peel 'n' Stick).....@ 10 (40g) for \$0.80 =

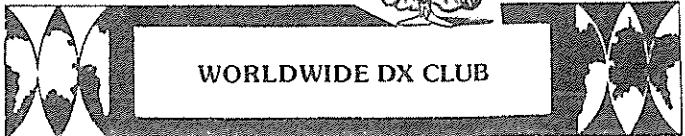
FRENDX



World of SWL'ing

SPEEDX
will keep you in touch

10



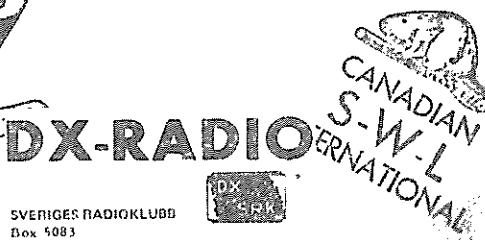
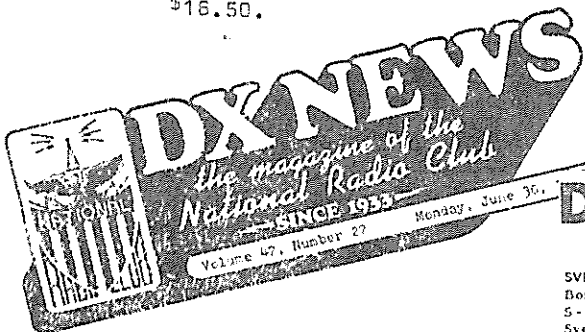
WORLDWIDE DX CLUB

DX MAGAZINE No. 1 Vol. XV January 1980

DX PUBLICATIONS:

The following list covers a number of the better known publications covering the hobby. Costs where quoted are the latest available and for Airmail. Unless otherwise stated the price is US\$. A number of publishers will send a sample copy for approximately the cost of a single issue plus postage.

- FRENDX - North American SW Assn., P.O.Box 13, Liberty, Indiana 47353 - SW only plus features - \$24.
- DX Magazine - World Wide DX Club, Postfach 1263, D.6380 Bad Homburg 1, FRG., - MW/SW/Utes plus features - DM30.
- DX News - National Radio Club, P.O.Box 32125, Louisville, KY 40232 - MW only, features - \$26.
- CANDX - Canadian SWL International, P.O.Box 142, Thunder Bay, Ontario, P7C 4V5 - SW only.
- Bulletin - San Diego DXers Club, 1826 Cypress St. San Diego, CA 92154 - LW, MW, SW, TV, SSTV, Utes etc.
- All Language Broadcasts - Atlantic States DX Assn. 1137 East 12th St., Brooklyn, New York 11230
- The Gridly Wave - SLIDX News, 9720 Vickie Place, St.Louis, Missouri 63136 - F, SW, FM, TV, etc.
- DX Monitor - International Radio Club of America, P.O.Box 26254, San Francisco, Cal. 94126 - MW only.
- SPEEDX - P.O.Box E, Lake Elsinore, California 2330 - SW/Ute.
- RCMA Newsletter (50 pp +) Radio Communications Monitoring Assn., P.O.Box 4563, Anaheim, CA 92803 - Two-way communications.
- The Loudown - Longwave Club of America, Box 33188, Granada Hills, CA 91344 - \$18
- Bulletin - American SWL Club, 16182 Ballad Lane, Huntington Beach, CA 92649 - SW and features - \$23
- Review of International Broadcasting - A programme review edited and published by Glenn Hauser, University Radio WUDT, Knoxville, Tennessee 37916 - \$16.50.



SVRIGES RADIOKLUBB
Box 6083
S-10242 STOCKHOLM
Sverige - Sweden

THE JOY OF BEING EDITOR

Getting out the magazine is no picnic -
If we print jokes people say we are silly;
If we don't they say we are too serious.
If we clip things from other magazines
We are too lazy to write them ourselves;
If we don't we are stuck on our own stuff.
If we stick close to the job all day,
We ought to be out hunting news.
If we do get out and try to hustle,
We ought to be on the job in the office.
If we don't print contributions,
We don't appreciate true genius;
If we do print them the magazine is filled
with junk.
If we make a change in the other fellow's
write up,
We are too critical.
If we don't we are asleep.
Now like as not some guy will say,
We swiped this from some other source - WE DID!
The N.Z. Radio Times - March 1935.

And thanks to RAY CRAWFORD for
for sending it on.

WELL IT'S NOT QUITE LIKE THAT
BUT NEAR ENOUGH - and here are
a couple of items from SPEEDX -

Peggy Thomson (CA) took a radio,
tapes, QSLs, Pennants and what
have you to her kids' school
and gave a 1½ hr. talk on DX.
She enjoyed, the kids enjoyed
it and the teachers enjoyed it.

Then there was Michael Gurdus
who sat in his Tel Aviv flat
and monitored the US hostage
rescue attempt in Iran. He
seems to have known more of what
went on than the US Armed Forces.
Nearly caused a diplomatic in-
cident (via Ch. Tribune/NY Times
etc. and various correspondents.

STATIONERY OFFICE INFORMATION

A new Price List has been printed and is effective from
1 October 1980.

The main changes are:

- a. Deletion of Spanish Report Forms.
A booklet containing the necessary translations
for German, Spanish and French (and possibly
Dutch) is being prepared for use with aerogrammes
with the League heading.
- b. Deletion of 10c Australian Stamps.
As the surface rate of postage between Australia and
NZ is now 28c, the 10c were no longer required.
Airmail - 35c.
- c. Increase in price of Aerogramme report forms.
Due to increases by the manufacturer.
- d. INCREASE IN POSTAL CHARGES FROM 1 OCTOBER 1980.

CAR STICKERS ARE NOW BACK IN STOCK. THESE ARE THE
'PEEL 'N' STICK' VARIETY AND ARE BLACK ON YELLOW.

QUESTION ? QUESTION ? QUESTION ? QUESTION

According to a n announcement on BBC World Radio
Club on 12 October, the programme will be coming
off air at the end of December for 'a well earned
rest'. While not stated in so many words - does
this mean the abandonment of yet another radio
DX programme? Has anyone any information?

ED.

with Philip Hamlin
in TAURANGA.

CONTINENTS LISTING

It's September '80 already with spring in the air and the twice-yearly review of member's progression in each of the continents. Asterisks by the Pacific total indicate that AFAN Antarctica has been verified and those by your name indicate deletion if we don't hear from you next time. This month features favourite QSL's from North America.

BROADCAST	A/NZ	Pac	S.Am	C.Am	N.Am	Eur	Afr	Asia	Cnt	Total
Arthur Cushen	563	108	25	87	1058	130	28	441	150	2440
Keith Robinson	599	87	26	50	1191	110	3	270	114	2341
Ray Crawford	508	84	61	52	309	111	38	350	163	1513
Eric McIntosh*	470	68	4	4	319	60	5	132	83	1062
Robin Chambers	294	61	14	33	274	96	20	199	120	991
Chris Martin (Aus)	164	56	9	45	211	73	39	133	152	730
David Riquish*	291	64	4	11	180	6	-	44	50	600
Bryan Clark	140	59	35	38	168	26	5	41	94	525
Hank Wilkinson (USA)	73	44	79	110	52	14	2	118	79	492
John Allchin*	168	31	-	5	143	-	-	3	29	355
Jim Benzoni*	169	18	1	3	49	-	-	10	25	250
Stewart Forsyth	192	19	1	4	18	-	-	2	14	236
Gunter Jacob	-	-	-	-	6	161	4	2	34	173
Jim Gorman	97	7	-	-	-	-	-	2	7	106
SHORTWAVE										
Arthur Cushen	295	376**	447	223	344	1708	505	994	265	4894
Parry Williams*	76	91	112	?	269	621	496	522	222	2187
Ray Crawford	107	66**	180	74	116	652	129	357	172	1681
John Mainland	31	53	83	74	126	699	236	304	203	1606
Gunter Jacob	131	9	121	36	81	569	148	231	128	1326
Bryan Clark	140	49*	78	39	118	435	271	193	204	1325
Peter Jones	44	26	34	19	49	419	41	89	113	721
Eric McIntosh*	73	78*	40	7	112	191	64	108	117	672
Keith Rogers	40	15	35	28	51	289	51	146	130	655
Jim Benzoni*	57	42	28	29	72	204	37	113	101	583
Jim Gorman	68	17	23	14	36	225	16	142	77	541
Cecil Symmes	82	19	14	13	47	155	29	112	107	471
Steven Greenyer*	21	48*	118	46	24	74	57	65	139	453
Leigh Morris	13	18*	25	26	17	127	39	91	126	356
Bill Jolly*	48	11	15	5	18	143	15	96	75	354
Brian Gall	8	16	11	11	20	115	22	70	100	273
Mike Smith*	31	14	16	3	20	107	9	44	67	244
Stewart Forsyth	18	6	10	5	9	94	6	23	62	171
Ian Wells	9	13	12	9	17	58	4	41	64	163
Philip Hamlin	10	8	17	10	4	64	4	26	63	143
John Allchin*	14	5	2	6	5	32	24	21	67	109

Best QSL's: on MW - Chris Martin KNDC 1490 250w; Keith Robinson KLGR 100w; St. Pierre & Miquelon 1375 4kw (Magnifique!) Arthur Cushen CKFH 1400 250w; Bryan Clark CJFP 1400 5kw in Quebec. On SW - John Mainland, CHXK 6130 Halifax; Leigh Morris, Bryan Clark, Arthur Cushen, Ray Crawford - all have CKFX 6080 10w in Vancouver as their best; Ian Wells WINB 11775 50kw; Peter Jones WNYN 17845; Keith Rogers CFVP 6030 100w Calgary. It looks like the Canadians have it !!

FEATURED CONTINENT FOR MARCH '81 IS EUROPE.

- D-E-L-A-C-I-E - P-E-R-E -

POSTAGE RATES AND NOTES:

1. Add the weights of the items which you have ordered together, and then consult the tables below to find the correct amount of postage to be paid.

below 100g	add 25c postage	Zone 1	Add \$2.10
100g up to 249g	add 30c postage	Zone 2	Add \$1.90
250g up to 499g	add 50c postage	Zone 3	Add \$1.50
500g up to 999g	add 75c postage	Zone 4	Add \$1.40
over 999g	see opposite		

For items 1 Kg up to 3 Kg ONLY:

Sub Total	\$
Handling	\$ 20c
Postage	\$
Payment enclosed for	\$

- Zone 1. Whangarei, Auckland, Hamilton, Thames, Tauranga, Fotherby & Gisborne
- Zone 2. New Plymouth, Palmerston North, Napier, Masterton, Rangamui & Wellington
- Zone 3. Nelson, Blenheim, Greymouth, (All Westland) Christchurch, Timaru.
- Zone 4. Oamaru, Dunedin, Invercargill (All Otago and Southland) Gore etc.

NOTES:

When ordering STAMPS ONLY enclose a 20c stamped/addressed envelope when ordering BADGES ONLY enclose a 25c stamped/addressed envelope

Payment must be enclosed with all orders and cheques etc made payable to "NZRDXL STATIONERY"

This price list is effective from 1st October 1980

Division	QSL	QRP	QTH	QSO
GOLD STAR (Over 1250)				
Arthur Cushen	2421	3440	19	145
Keith Robinson	2310	2343	33	114
Ian Crawford	1497	1535	38	164
Eric Mc Intosh	1088	1102	11	88
SILVER ACE (751-1000)				
Robin Chambers	979	-	-	119
Dene Lynneberg	809	832	3	103
ACE (501-750)				
David Macpherson	607	618	31	54
Bryan Clark	514	526	12	94
SENIOR (301-500)				
Hank Wilkinson	483	499	16	79
Paul Aronsen	-	494	-	-
INTERMEDIATE (151-300)				
Ian Catermole	445	462	17	25
Ray Babbage	451	453	2	15
John Allechin	318	362	44	20
John Campbell	340	360	17	100
Lance Johnston	330	-	-	30
Alan Gilbour	-	270	-	37
Bob Homewood	-	304	-	-
Alastair Stewart	-	286	-	9
Stuart Forsyth	213	241	28	15
Lindsay Robinson	206	-	-	26
Paul Rawdon	186	190	2	27
Keith Rogers	182	189	7	17
Jack Searle	185	187	2	20
Leigh Morris	182	185	3	34
Tunter Jacob	170	173	3	34
Paul Ramsay	160	-	-	5
JUNIOR (51-151)				
Peter Jones	138	139	1	7
Mike Smith	127	132	5	11
Jim Gorman	-	110	-	7
Mark Nichols	99	101	2	6
Steven Greenyer	73	75	2	27
Alex Wellner	59	66	7	9

Welcome to the Ladders Nicholas Facey, Alastair Stewart and Jim Gorman. Also to Frank Crow of Los Angeles. And a return to the Ladders by Paul Aronsen, and Jim Benson. Got you in the correct ladder now I hope Bob Homewood..... I have 2 entries which I am unsure of what section is involved. I have had 276 Verifications from 68 Countries, 37 I grade, and Ron Bower has 55 Veries from 32 countries, again presumed to be SW.

COMPETITIONS COMMITTEE REPORT
Effective 1 July last, responsibility for League Competitions was transferred from AROC in Invercargill to Auckland branch. A committee has now been formed, consisting of Arthur de Maine, Shirley Jamieson and Les Kicketta, and their first task is to organise reprints of the out of stock SCM and Ladder Award Certificates. Recent SCM winners will receive their awards as soon as possible. In respect to ladders, all current participants should already have a ladder certificate, plus ladder stickers to reflect their QSL Totals.

Division	QSL	QRP	QTH	QSO
GOLD STAR (Over 1250)				
Arthur Cushen	4836	4918	82	240
Bob Padula	4719	-	-	-
Dene Lynneberg	2383	2413	30	218
Ray Crawford	1659	1695	36	173
John Mainland	1581	1610	29	203
John Durham	1571	1589	17	189
Bill Huddleston	1405	-	-	144
Ray Babbage	1366	1376	10	136
Bryan Clark	1317	1335	18	205
Gunter Jacob	1311	1330	10	128
Ian Catermole	1311	1311	100	138
GOLD STAR(1001-1250)				
Jack Searle	1110	1110	0	138
SILVER ACE (751-1000)				
John Campbell	776	798	22	224
Lindsay Robinson	776	783	7	117
ACE (501-750)				
Peter Jones	651	731	80	115
Paul Aronsen	-	691	-	-
Keith Rogers	-	668	-	133
Jim Benson	-	608	-	107
Paul Rawdon	573	585	12	136
Jim Gorman	-	561	-	80
SENIOR (301-500)				
Alan Gilbour	-	486	-	103
Cecil Gyman	463	479	16	108
Lance Johnston	439	-	-	80
Steven Greenyer	447	459	22	140
Alastair Stewart	-	391	-	80
Leigh Morris	328	365	37	131
Bill Jolly	362	363	1	77
Jack Farrow	326	330	4	53
Mike Smith	301	321	20	74
INTERMEDIATE (151-300)				
Alex Wellner	201	224	-	98
Chris Hatton	201	-	-	56
David Hughes	183	191	8	83
Stuart Forsyth	159	172	13	62
Ian Wells	157	163	6	64
JUNIOR (51-151)				
Michael Williams	114	121	7	36
Arthur De Maine	108	114	6	51
John Allechin	108	109	1	68
Les Boyd	59	77	18	33
Nicholas Facey	-	54	-	-
Bill Mannix	-	51	-	41
Mark Nicholls	50	-	-	12
Frank Crow	-	51	-	25

Please be a little more careful with your entries. They appear on scraps of paper with varying size, shape, colour and writing. Remember to put the various sections on separate lists.....

IF YOU ARE NOT UP TO DATE WITH LADDER AWARDS FROM AROC IN AUCKLAND.....

Shortwave Mailbag

Welcome to another full MAILBAG this month, which features some rarer countries verified including Lesotho and Guinea. It is getting to that time of the year again, with summer conditions on the way, longer days, and a chance to catch some of the increasing activity on the higher frequencies, especially 11 and 13 metre bands. Anyway, we'd better see what has turned up in the past month!

ARTHUR DE MAINE Auckland, is first up with veries to hand from RN Lopik 17615, Sofia 11750 for country no. 50, CBC Northern Service 6195 and Kiev 11735. Thanks Arthur!

LES BOYD Wanganui, reports a quiet month but a few in from Bucharest 9510, KTWR 17855, Budapest 9830 and WINB 15185. Good luck with those exams!

CECIL SYMMES Wellington, has a nice one from Sierra Leone 5980, also Vatican 9625, KTWR 11840 with Special QSL for 1st DX programme, India 11620 and Gazeta 5955.

GAVIN WATERS Melbourne, but shortly to return to Wellington, lists veries as ORF 21585, BRT 15175, 15385, Prague 21705, HCJB 26020, 21480, 17770, 9585, KTWR 11840, Israel 21710, 15582, 11637, 9812, TWR Monte Carlo 9495, RBI 15100, RNZ 6105 Norway 15345, 9590, Tashkent 15460, 11785 and for new countries RCTV Dubai 21485, Ulan Bator 12070 and VON Lagos 15120. Good to hear from you again Gavin!

RAY CRAWFORD Invercargill, has sent 23 out, and verified HCJB 26020, South Africa 3230, Kenya 4804, Switzerland 6135, 17795, 21630, FEBC 15450, Zimbabwe 3306, TIFC 5055, 6175, 9645, Neiva 4855 and Tabajara 4795.

ALEX WELLNER Sydney, has two out and one in from HCJB 26020. Thanks.

JOHN MAINLAND Wellington, has four back from Dubai 17750, Ethiopia 7110 and Budapest 17785 and 21505. Thanks John!

BILL MANNIX from deep inside Fiordland National Park has sent seven out, all new countries, and has QSLs back from Voice of Malaysia 15295, Vanuatu 3945 and 7260, also one for RCI 11845 on their 35th Anniversary Card.

BRIAN WEBB Upper Hutt, has sent 47 away, and has been equally successful QSLwise with HCJB 11835, 11915, 15200, Deutsche Welle 6100, 7130, 9545, 9700, 9735, 11765, 11785, 11905, 17825, 17875, 15275, Sofia 11750, NHK 11815, 17725, 17825, Hanoi 15012, KTWR 15365, TWR Bonaire 15275, Switzerland 6165, Lisbon 6025, 9575, 9740, 15125, Vienna 12015, REE 7105, Athens 9515, Denmark 15165, Vatican 9615, RNZ 15345, Luxembourg 6090 and Moscow 5980. Busy!

RICK and LIZ JACKSON Christchurch, reporting for the first time, have sent 19 out and verified Moscow 22250 (sure of that frequency?) AFRTS 21570, 6030, Vietnam 11855, Port Moresby 4890, Peking 9460 with lapel badge, Finland 21465, Korea 9570 with pennant, Portugal 9575, Spain 9630, Vatican 9615, 15125, KTWR 11840 with DX endorsement and letter, SRI 15305, Sweden 21690, Vanuatu 3945, RSA 17780 and NHK 15235. A good start Guys, and welcome to t pages. Per John Mainland your SSB station on 5195 is a Deutsche Welle transmission to their relay station at Sines, Portugal.

ARTHUR CUSHEN Invercargill, reports QSLs in from HCJB 6070, Neiva 4855, IBRA Radio 9510, 11745, Finland 15430, Korea 9580, 6165, Ulan Bator 6383, Switzerland 17850, AFRTS 9575, Swaziland 11740, Tabajara 4795, AIR Delhi 7155, Moscow 15525, 15220, 12070, Ulan Bator 11855 and Kuwait 11665.

PAUL RAWDON Eastbourne, reports a quiet month, but preparing a DX listening post for an upcoming Jamboree! Meanwhile two good QSLs in for Tanzania 4785, and Zimbabwe 3306.

IAN CATERMOLE Blenheim, has a big list with Penang 7220, NHK 15175, via Sines 15180, CPBS 15880, RN Madagascar 7285, Bucharest 17730, Amman 9530, Moscow 21535, 21495, REE 15240, Ethiopia 9560, TWR Bonaire 15255, 15275, Seoul 15570, 9570, Tirana 9750, Sweden 17740, Peking 17855, a good one from Conakry 4910, DW 9700, Vatican 21500, AIR 15335, KTWR 17800, Oyo 6050 Lagos 3326, Surcolombiana 5010, Cinaruco 4865, 4VEH 11835, Neiva 4855, Anhanguera 4915, Rumbo 6075, Splendid 11880 and Boa Vista 4835. Some nice Latins there Ian!

PAUL SCHNELL Palmerston North, has logged three and has four in from BRT 15175, AIP 15165, Portugal 9575 and IBA 15582.

BILL JOLLY Kawerau, checks in with three out with veries to come!

STEVEN GREENYER Invercargill, has QSLs in from Rumbo 6075, NSB 6115, TIFC 6175, 964, Neiva 4855 and Progresso. Thanks Steven!

Shortwave Mailbag

JIM BENZONI Hamilton, begins page two of MAILBAG with 8 reports out, varies back from Hungary 21525, VOA Philippines 26000, RSA 17780, RAI 7275, Radiobras 15125, Norway 21730, RN Madagascar 25650, Bonaire 21640, RM Irkutsk 21590, Zhigulevsk 9785, ERT 9640, and two new countries Ghana 4915 and New Hebrides 3945.

FRANK CROW California, has sent ten away and heard from Norway 15175, RFI 17860, ORF 5945 ORF 15260, Prague 7345 and RN Bonaire 6165.

LEIGH MORRIS Palmerston North, has verified Belize 3285, Benin 4870, KGEI 15280, Peking 15120, RTM Kuala Lumpur 15295, Zimbabwe 3396 Conakry 9650, KGEI 9625 and Nei Monggol 3970. Good quality Leigh!

A.F.N. BARNES Masterton, has just one from HCJB Quito 9745. They all count!

DAVID HUGHES Palmerston North, has them back from RM Minsk 7420, Ulan Bator 6383, 12070, Andorra 6225, Benin 4870, Bucharest 15385, and Ethiopia 7165. Doing well!

BRYAN CLARK Auckland, has reported five and has that good one from Lesotho 4800, also Lhasa 4035, Peking on 5 frequencies, and Deutschlandfunk 7285. There has just been a reported siting of Bryan decked out on a beach in the Cook Islands discussing DX with Nooroa Tangaroa

RON JAMES Wellington, has lengthy list with the following: Hyderabad 4800, RFI 21580, 21620, Nairobi 4915, 4934, Bonaire 15440, Sorong 4875, HCJB 26020, Denmark 15165, ORF 21735, Tula 9615, Moscow 9490, TIRL 9615, Kabul 4775, SRI 17735, 21695, RN Bonaire 17695, Penang 4985, YVOD 4980, RNZ 15485, H4B9 9545, H4B5 5020, New Hebrides 3945, 7260, TWR Monte Carlo 9660, 9675, WYFR 15130, Praha 17705, BBC 15390, NHK Sines 15435, Seoul 11725, Sofia 15130, and Vanuatu 3945. Good to hear from you Ron, and the very best of health for your daughter.

Now to a couple of misfiled Bandwatch notes ...

Owen Cullen reports reception of NSB Japan on 9595 kHz at 0900 GMT with a good signal carrying EE/JJ language lessons. **Paul Rawdon** has Lesotho at 1808 GMT at a very good level in vernaculars, and news at 1845. On 4965 kHz Namibia fair with EE pops and many announcements. Lesotho reception was of course on 4800 kHz.

Well that's my last stint as editor of these pages, and news appears elsewhere of your new editor. Thanks again for your support over the past close to three years, in letting us know what varies you have been receiving, and providing information for fellow members! And concerning the news of last month, Adelaide's new FMer is 5SSA-FM (not 5SFA) and uses 5 Double S-A-FM slogans. 73 JOHN ALLCHIN

Radio Andorra **RRI** **wyfr** **ORF** **+SBC**
OSTERREICH

BEST OF THE MONTH

UNDER 9 MHz

Lesotho 4800 kHz with their former power of 10kw. 127 Points

BRYAN CLARK, Auckland

OVER 9 MHz

H C J B Quito, Ecuador 26020 kHz with a power of 100 watts. 138 Points

RAY CRAWFORD, Invercargill

T.B. MAY New Plymouth, has verifications in from Polonia 11815, Portugal 6025, Athens 9650 and Vanuatu 3945.

STUART FORSYTH Darfield, logged some goodies at Tiwai, but only has one from Kenya 4804. Will be in touch.

PETER JONES Hamilton, has verified Benin 4870 and Greenland 9575 for new countries, also TWR Swaziland 5950, IBRA 9510, ORF 5945, Pakistan 15480, Radio 5 3250, Red Cross 7210, BBC Antigua 6195 and Baghdad 9745 with pennant.

KEITH ROGERS Lower Hutt, has 17 reports in the mail and QSLs in from HCJB 15200, Solomons 5020, Vanuatu 3945, SRI 21695, RM Irkutsk 21490, Vietnam 15012, Japan 17810, AIR 15205, Poland 6135, DW 6130, WYFR 17845, Northern Solomons 3322.5 and East New Britain 3385.

JIM GORMAN Papakura, has logged 12 and claims veries for NHK 15175, a rare one from Sana'a 4853, Vilnius 11735, Dubai 21700, RNZ 11675, Prague 9740, KTWR 17800 HCJB 6095, RM Vinnitsa 11710, AFRTS 15345 RCI 17820, CPBS 7335, 7504, 11040, 11330, 11505, 12200, 15030, Fujian Front 7280, 5900 and Ethiopia 9560.

SHORTWAVE BANDWATCH

with BARRY WILLIAMS of Auckland

It seems that last month produced some good openings from 90 metres right through to 11 metres. The highlights were the loggings of Transkei, Lesotho and Namibia. At the other end of the spectrum were the good openings on 13 and 11 metres. There are some good signals to be heard up on 11 metres around 0700. Often, by listening to the ham bands, one can soon learn when the high frequencies are opening and to what part of the world. The 11 and 13 metre bands because of the small dimensions of a resonant antenna, allow DXers to experiment with antennas. Try a new antenna on these bands and let us know how it works.

All times are in GMT. Add 12 hours for NZ Standard time. Frequency in kHz.

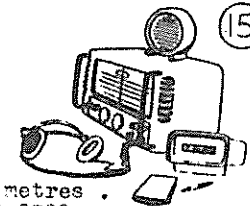
FREQ	TIME	COUNTRY	STATION	PROGRAM AND RECEPTION DETAILS	INITS
3210	1845	MOZAMBIQUE	R.Mocambique	fair with talks //4865 on10/9	BC
3255	1900	SOUTH AFRICA	SABC Radio 5	English news to 1915	AC RC

3270	1700	SOUTH WEST AFRICA	Windhoek	News on the hour to abrupt s/off 1706. Poor on 26/9 and not heard since.	JM
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3288	1838	MADAGASCAR	Tanannarive	The most consistent 90 metre African Good signal in French.	BC AC
3306	1840	ZIMBABWE	Gwelo	Musical program. Classics.	AC
3330	1103	PERU	Ondas del Huallaga	Sign on with National anthem, ID then music to fade out 1130. Poor 26/8	JM
3345	1115	INDONESIA	RRI Ternate	Good signal. Talks, music. ID 1118	OC
3607	1130	JAPAN	NHK relay, Tokyo	Good in Japanese	RC
3910	1805	JAPAN	FEM	Fair signal. English, Pops	CS
3945	0900	VANUATU	R.Vanuatu	Very good in French. 0715 Pidgin	CC BL
3950	1800	TRANSKEI	Capital Radio	Eng. news then Pops. Commercials. Fair signal from all reporters. Reports early Sept.	AC RC JM
3955	1930	GT.BRITAIN	BEC	Fair in German. ID and news.	CS
4719	1100	INDONESIA	Ujung Padang	Fair Indonesian, Music news.	CS
4767	1054	ECUADOR	CRE Guayaquil	VG at s/on.	RC
4774	1406	INDONESIA	RRI Jakarta	Good with news, Indonesia.	CC
4795	0815	BRAZIL	R.Tabajara	Good level. music with frequent IDs	OC
4800	0900	VENEZUELA	R.lara	Poor signal. LA music, many IDs	CS
4800	0630	ECUADOR	R.Popular Independiente	ID " R.Popular " .Good sig. 0737 strong signal. IDs and Ecuadorian music.	OC CC

4800	1835	LESOTHO	R.Lesotho	Maseru, Heard regularly since 28/9. Vernaculars. News 1845. (Per Chris Martin, station advises running 100 kW since late September.	BC
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4810	0420	PERU	R.San Martin	Tarapoto, OAXOX, good to s/off 0455. Gave full calls and frequencies.	RD RC
4815	0845	BRAZIL	R.Dif.Londrina	good signal and good music.	OC
4815	0820	ECUADOR	R.Canal Manalita	Fair with music and IDs.	OC
4860	1732	INDIA	Sriniger B	Englis news to 1735, 3277 khz not //	BC
4885	0800	BRAZIL	R.Clube de Para	Opens on this new frequency.	AC
4934	1846	KENYA	Nairobi	Warning program. 1945 Vernacs to f/out 2000 1800 English s/on then news. One of best Africans 60 metres	OC
4942	1757	MOZAMBIQUE	Emisora Provincial	Compuia, Portuguese /	CC CS BC
				with ID on the hour. Fair till f/out 1925.	BC
4960	1900	KENYA	Nairobi	Vernacular Service to 1900 s/off weekdays. Sat/Sun station runs later.	BC



FREQ	TIME	COUNTRY	STATION	PROGRAM AND RECEPTION DETAILS	INITS
4965	1900	SOUTH WEST AFRICA	Namibia	SWABC Windhoek, Heard often since 1/10. In Africans with SABC news English at 1900	BC
4975	0810	PERU	Radio Pacifico	ID with SS & Peruvian music, Good 22/9	CC
4975	0840	PERU	R.Timbira	Fair with bad Utility CRM	CC
5040	0838	COLOMBIA	R.Cinco	IDs and music. Full ID 0900 f/out 0940	CC
5882	1013	ARGENTINA	R.Rivadavia	Thought to be unidentified station here 1/10; news program	SG
5884	1025	COSTA RICA	Radio Casino	Good at s/on	RC
5965	1120	MALAYSIA	Rhasa Malaysia	Poor, Sundays only at this time	CC
5965	1010	COLOMBIA	L.V.de Los Centauros	Good signal till covered by Radio Casino	RC
5980	0415	SOUTH AFRICA	RSA	Fair signal, s/on to NA 0156	RC
5980	0445	GUATEMALA	AWR	Weak to s/off. CRM BCC 5975 khz	RC
5985	1105	TAIWAN	Voice of Free Asia	English with news 1111	CC
5990	0410	ROMANIA	Bucharest	English news & comment. Poor copy	CS
5995	1300	AUSTRALIA	RA	News English // 9770, 11705 khz	FC
6005	0508	ASCENSION	BBC relay	Eng & Spanish, Poor signal	CS
6005	1810	GERMAN FED.	REP. Berlin	RIAS, Very poor copy in German	CS
6015	1035	SOUTH KOREA	KBS	Home Service, Korean, fair signal	RC
6015	0900	BRAZIL	R.Club de Pernambuco	Open with ID then news. fades	CC
6020	1820	USSR	R.Moscow	World Service, Fair English	CS
6020	0825	USA	VOA Bethany	Station ID French. Poor	CS
6030	0945	USA	AFRTS GR.	Fair airforce news after R.Japan s/off	CC
6045	2035	LIBERIA	VOA Monrovia	Fair with "Jazz Hour"	CS
6080	1029	CHILE	R.Patagonia	CD97, New Chilean first noted in August. Only ID'd recently. s/on, chimes then male vocal. ID 1030. "Comenza transmision CD97, Radio Patagonia"	SG
6082	1035	PERU	R.Nacional	Weak signal	RC
6120	1030	NICARAGUA	R.Zinica	Heard here on Mondays when Argentina appears to have a late s/on	SG
6120	0940	ARGENTINA	R.El Mundo	Strong Spanish	CC
6135	0511	TAHITI	R.Tahiti	Very pleasant island music	FC
6140	0700	PERU	R.Huallay	Last months unidentified. s/off around this time. One of four new Peruvians noted this year. R.Oriente 3285, R.Moyobamba 5015, R.Imagen 5035 and R.Huallay. (Thanks Ed)	SG
6140	1002	AUSTRALIA	Perth ABC	VLW6 opens with news headlines. Fair	CC
6165	1000	SOUTH KOREA	R.Korea	ID in Korean over R.Cultura, Brazil. Good in English 1030	CC
6175	0900	PERU	R.Tawintinsuyo	Good with s/on between 0900 and 1000. Typical Peruvian program	SG
6180	0805	GUATEMALA	V.of Guatemala	with English ID and later with Eng. commentary. Good clear signal	BC
6190	0945	INDONESIA	RRI Padang	Good with Indonesian news	CC
6207	0930	INDONESIA	RRI Biak	Fair signal with G&W music. (I have recently noted this station Owen. Reported as Risk Ed.)	CC
6261	1000	PHILIPPINES	Manila	drifting to this freq. News and Full ID	AC
6315	0901	IRELAND	R.Dublin	(tentative) heard 4/10 with musical selections. English announcements to after 0645. very weak. (Let's see if the boys down South can pull this one through.)	RC
7200	1810	GERMAN DEM. REP.	RRI	Prog. in Portuguese then into French	CS
7295	0550	GT. BRITAIN	VOA	Arabic then 0600 French. Good signal	CS
7345	0814	CZECHOSLOVAKIA	Prague	English to West coast NA	FC
7391	0605	UNIDENTIFIED		extremely weak signal heard 20/9. English. Time and frequency coincides with USA hobby station. "Voice of Cliperton"	BC

FREQ	TIME	COUNTRY	STATION	PROGRAM & RECEPTION DETAILS	INITS
9080	1630	CHINA	R.Peking	Program. Concert music. VG. Also 0936 JW EL	EL
9475	0400	EGYPT	Cairo	News in English //12050 khz.	FC
9535	0450	GREECE	VOA	English ID then Arabic	CS
9585	0355	TURKEY	Rizim Radio	Fair at s/on 0400	RC
9585	0155	SOUTH AFRICA	RSA	Opens to NA with news in English //11500	FC
9585	0914	BRAZIL	R.Excelsor	with Cuckoo call and ID 0915. Strong	CC
9645	0925	BRAZIL	R.Bandeirantes	good with many commercials	RC
9675	0935	Brazil	R.Marumbi	Good with musical program	RC
9695	0955	BRAZIL	R.Rio Mar	Good with musical program	RC
9715	1200	USSR	R.Tashkent	Fair with English s/on	CC
9750	1000	CHILE	R.Mineria	good at s/on	RC
9760	0620	CANADA	RC	Good with world news	JW
9765	0300	PORTUGAL	Lisbon	English news mixed with BCC Antigua	AC
9770	1516	AUSTRALIA	RA	Pop music program. Good	FC
9795	0440	USSR	R.Moscow	Russian Svce with folk music	CC
9860	1450	CHINA	R.Peking	English ID. s/off 1455	CS
11675	1800	NEW ZEALAND	R.RNZ	Good signal with National program	AC
11705	0821	FRANCE	RFI	Good strength but poor audio	JW
11725	2300	VATICAN	Vatican R.	Good to Latin Am.	RC
11725	1030	SOUTH KOREA	R.Korea	Good with English program	CS
11740	0740	AUSTRALIA	RA	Good in English	RL
11750	1243	SINGAPORE	BBC	English, commentary	FC
11765	0100	BRAZIL	R.Tupi	Good with frequent IDs	SG
11770	0950	USSR	R.Moscow	WS, English. Pops	CC
11775	0915	PHILIPPINES	R.Veritas	0923 ID and program ann. in English. // 9615. No sign of 15215. 0925 into Korean.	CC
11815	1300	JAPAN	NRK	General Overseas Svce. Good, English	JW
11840	0800	GUAM	TWR	English Tues. "Hour of Freedom"	CC
11860	0712	POLAND	R.Polnia	News and comment, Good English	JW
11890	0930	PHILIPPINES	FEBC	"Radio International" English. Good with news. Over RA who has now moved to 11820.	CC
11940	1340	SINGAPORE	R.SINGAPORE	News to sign off 1620. Fair signal at 1055 Financial report, English	FC
11945	0832	NEW ZEALAND	R.NZ	Local news, good	FC
12015	0404	AUSTRIA	ORF	s/on 0400 to NA. 0530 IS, // 21740	FC
12050	0200	EGYPT	R.Cairo	ID in English at end of news, Poor	CC
15028	0900	ANDORRA	AWR	Gospel on Sundays in English	AC
15055	0230	PORTUGAL	R.Portugal	Good level through to s/off 0303	CC
15055	0150	BRAZIL	R.Bras	Test BC 13/9. PP,SS,FF & EE IDs. Poor to fade out 0230	CC
15125	2035	BRAZIL	R.Bras	English. ID 2143	CS
15130	0700	PORTUGAL	R.Japan	relay, Sines, English mixed with Moscow	AC
15170	0230	LEBANON	Peruit	English to 0300	AC
15175	0050	BELGIUM	Brussels	Good signal with English	CS
15200	0956	INDONESIA	VOI Jakarta	Good with Pns. news, Clear freq.	RC
15285	1000	INDIA	AIR Delhi	New freq. English to Australia	AC
15285	03:0	PHILIPPINES	R.Veritas	heard in English under R.Moscow	CC
15305	2200	PORTUGAL	R.Japan	relay Sines, Good signal, no interference	AC
15325	0200	SOUTH AFRICA	Radio RSA	Clear in English to USA with "DX Corner" first Sunday of month	JM BC
15475	1430	USSR	R.Peace & Progress	Good, English	CC
15520	1900	AUSTRIA	ORF	Good in English	RC
17605	0720	HOLLAND	RN	English to Sth.Africa	EL
17635	0900	CHINA	R.Peking	"Learn to speak Chinese" Mon.Wed.Fri.	BL
17705	0100	GUAM	KTWR	Indonesian to close down 0130	AC
17740	1000	PHILIPPINES	VOA	News in Special English, Good	CS
17770	0100	GUAM	KTWR	"DX Listeners Log" Thursdays	AC
17770	0220	HUNGARY	R.Budapest	Fair in English; ex 17710	JM

FREQ.	TIME	COUNTRY	STATION	PROGRAM & RECEPTION DETAILS	INITS
1777 U	0657	GERMAN FED. REP. DW		Russian ID & IS. Heavy jamming.	JM
17795	0750	ITALY RAI		English to NZ. Over R. Australia. // 11905.	OC
17820	0110	PHILIPPINES VOA		Poor in English.	CS
17820	0700	AUSTRIA ORF		s/on. 0850 English.	AC
17840	1400	NORWAY Oslo		English Sunday only. Fair signal.	WC
17845	0115	PHILIPPINES VOA		Station ID English then Recall. Poor	CS
17860	0500	NEW ZEALAND RNZ		Good signal in West Coast of States.	FC
17875	2140	CANADA RCI		DX Program to close 2159. //17840, 15325.	CC
17910	0220	PAKISTAN R. Pakistan		news in Urdu, good signal.	CC
21465	0604	GERMANY DEM. REP. RFI		English, DX program, comment, poor	CS
21470	0600	SAUDI ARABIA		Djeddah, opens Arabic, mixed BBC 0900. RC AC Dubai also reported here 0930. (could someone please check this out for next months Times)	RC AC
21495	2030	BULGARIA		Sofia. English to Africa, Fair.	FC AC
21515	1730	SPAIN Madrid		s/off in Spanish. Mixed with Paris.	BC
21540	0335	PHILIPPINES VOA		Poor, English, "Jazz Hour"	CS
21550	0630	SAUDI ARABIA		heard to closing 0800.	AC
21570	0220	USA WRTS		, good with commentary.	CC
21595	0900	AUSTRIA ORF		s/on. Pakistaners this frequency 0915 in Tamil Austria in German. Pakistan also reported as in Urdu. RC BC AC	RC BC AC
21600	0840	USSR R. Moscow WS		Good signal	BL
21615	1935	USA WYFR		Fair in English. Listeners Letters.	CS
21640	0557	AUSTRIA ORF		IS, Stat. ID English, Good signal.	CS
21670	0900	PHILIPPINES VOA		Poor with English news and comment.	CS
21680	0930	GERMAN FED. REP. DW		Good, English, "Panorama"	JW CS
21695	0711	SWITZERLAND SWI		Fair, News English.	BL JW
21700	0400	UNITED ARAB EMIRATES Dubai		ID in English then Arabic prof.	CC
21730	0606	NORWAY Oslo		News & comment to Australia, Excellent.	JW
21735	0400	AUSTRIA ORF		Fair at s/on improving to 0600.	AC
21735	0700	GERMANY FED. REP. DW		s/on Russian to East Europe. Jamming	BC
21740	0430	BELGIUM Brussels		Dutch to 0615, New frequency.	AC
21740	0147	AUSTRALIA RA		Indian Film Music, //21650, 21680.	FC
25850	0700	MADAGASCAR RNZ		Testing to SE Asia, English to 0720.	CS BC
25730	1037	NORWAY Oslo		Very good with English ID at s/on. Norweg.	BC
25820	0730	FRANCE Paris		Poor copy, Station ID	CS
26000	0906	PHILIPPINES VOA		World news English.	JW
26020	0709	ECUADOR HCJB		Still here with 100 watts. Fair EE 0508	BC CS
26050	0758	BELGIUM Brussels		Dutch to Africa Sundays. Good signal week days opens 1000; Reception fair - good.	BC AC JM CS

Only 12 contributors this month but enough to almost fill 4 pages. Our thanks to the following;

AC	Arthur Cushen	BC	Bryan Clark	JM	John Mainland
CS	Cecil Symmes	SG	Steven Greenyer	OC	Owen Cullen
RC	Ray Crawford	CC	Colin Campbell	ED	Bob Dunston
JW	Jim Webb	BL	Bob Logan		trying out his new PRG7000
FC	Frank Crow				from Los Angeles.

ARTHUR CUSHEN'S SHORTWAVE REVIEW

Interesting stations heard this month include Namibia 4965 English news from Radio South Africa at 1900; Lesotho 4800kHz local programme 1900; Swazi Music Radio 4980kHz gospel programmes 1845; and Radio Patagonia 6080 opening 1030GMT, are among those heard as well as stations listed below. This is part of the script of New Zealand Calling October 6 and 20, at 0530 on 15485 and 17860kHz, and at 0845 on 11945kHz and now broadcast on the External Service of Radio New Zealand on the first and third Monday of the month. From October 26 we move to Daylight Time. New Zealand will be 13 hours ahead of G.M.T. so all overseas broadcasts heard within New Zealand will be received one hour later. Frequencies are in kilohertz, all times in GMT.

ANDORRA: Adventist World Radio 15028kHz heard on Sundays at 0900 in English with a DX programme at 0930. Some adjacent channel interference from Peking 15030kHz.

AUSTRALIA: Radio Australia only verifies reception reports one month in each year and therefore those reports received during November which has been chosen as the verification month will be verified.

BELGIUM: Brussels using 21525 1705-1750 in English; 21740 0430-0615 in Dutch and 26050 1000-1300, Sundays from 0800.

BONAIRE: Radio Nederland broadcasting on 6020kHz 0930-0955 in Dutch to South America.

BULGARIA: Sofia 21495 heard in English opening at 2030 to Africa.

CANADA: DX Digest now broadcast on Saturday 2130-2200 for listeners in Australia and New Zealand on 11945, 15325, 17820.

COSTA RICA: Radio Casino has been heard on 5954kHz opening earlier than scheduled at 1030GMT with a march and full station announcements.

GUAM: KTRR a new frequency 17770 replacing 17800, 0000-0140GMT has DX Listeners Log on Thursday at 0100GMT. 17705kHz replaces 17330 2258-0130 GMT.

HAITI: 4VEH noted on 11835kHz opening at 1000GMT in Spanish and uses Bells of St. Mary's as a theme.

INDIA: All India Radio 15285 1000-1100 in English to Australia and New Zealand also using 15205, 17875.

LEBANON: Beirut 15170 English 0230-0300.

NAMIBIA: Windhoek expected to commence regular operation on October 1 using two 100kW transmitters 24 hours a day. Announce schedule is 3270 1615-0515; 4965 0300-0615; 4965 1515-2200; 7190 0515-1615 and 9650kHz 0615-1515. Advice from Chris Martin of Sydney.

PORTUGAL: Lisbon using 9765kHz and this new frequency observed with English 0300 and 0500GMT. Radio Japan Sines broadcasts on 15130kHz 0700-0730GMT but this transmission mixed with Radio Moscow. 15305kHz is used 2200-2230 and heard well after VOA leaves the frequency at 2200GMT. This Sines relay transmitter carrying Radio Japan, broadcasts, has programmes in English for the first 15 minutes and then Japanese.

SAUDI ARABIA: Heard on 21550 0600-0800 in Arabic then on 21470 from 0800, but at 0900 mixed with BBC World Service.

SPAIN: Madrid on the air in Spanish 1530-1730GMT using 21515 (mixed with Paris) and also 11945kHz.

SWEDEN: Single sideband transmission a relay of the Home Programme now on 21555 0630-1800 and 21645 1900-2130.



..sign off..

with JOHN MAINLAND

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ENGLAND BBC World Service programme "New Ideas" is broadcast as follows effective 30 Sept. Sat 0930, 1115, 2230; Sun 1730GMT. "Here for the asking" presented by Peter Clayton will be broadcast on Sat 0930, Wed 0630 and the new time Fri 1015 GMT.

ITALY RAI EE Sept-Oct 1980: 1915-1955 1180, 2010, 2235; 0425-0440 2275, 2900; 2025-2035 11800, 2275, 2235; 0750-0410 12725, 15120, 11700; 2200-2235 11800, 15120, 2010; 2100-2120 11800, 2575.

via RAI

NIGERIA (External Sec) "Voice of Nigeria" Lagos, EE: 0500-0600 7253; 0600-0800 15125, 15120; 0800-0900 7255; 0830-1000 15125, 15120; 1600-1700 7255; 1800-1900 15125, 15120; 1800-1930 11770; 1900-2030 1255; 2030-2200 11770; 2100-2200 15125, 15120.

BBC MS

PHILIPPINES Radio Veritas Asia's new Korean service is well heard in Japan at 0225-2350 on 9615, 11775 & 15215.

JAXX Newsheet via Asiar DX, RN 28/8

ARGENTINA Carlos Maslato provides this week of the new all-night service from CBA Frontera Aires, 4320kHz. There are lots of fine musical programming and among them are these: on Mondays at 0510-0600 Profiles of the Tango; on Sundays at 0805-0900 a programme about the Sesuela; and there's Invitation to Music from 0705-0800 Mon-Fri". G. Hauser, R.I.B., via RN DX 28/8

JAPAN PORTUGAL Radio Japans relay transmissions via Sines effective Sept 7 are: 0200-0730 EE/JJ 15120 replaces 15435; 2200-2230 EE/JJ 15305 replaces 15120.

NHK annect 31/8

BOLIVIA Carlos Maslato, Argentina, reports Radio La Voz de la Frontera on new 4775 shift from 4500, noted at 0300 a/c off and a on 0900. SODEX 2/7

RADIO AFGHANISTAN External service: Kabal: 1410-1530 Urdu 4775; 1530-1600 English 4775; 1600-1700 Russian 11700; 1700-1800 Arabic 11700; 1730-1800 Urdu 1530; 1800-1900 German 1255; 1900-1930 Spanish (1255-1915 New York comment) 11775. From 11. Introduced a new pm "Our Great Northern Homeland" in the domestic service Sat 07 Oct 28 Aug., 1125-1150BBCE

GUADALUPE Due to requests from persons in the South Pacific to HCJB staff visiting this area and from listeners letters, HCJB will broadcast a special release 0800-0930 on 11900 & 6130, the px will be a Bible ministry and teaching px. The regular HCJB px will continue on 26050 and 9745. For further details write to HCJB for a px sked. HCJB's European sec will use new 15240 0700-0830//11835; 1900-2000 EE 15200 & 17790//21480; 2130-2200 EE 15180, 17790//21480. The South Pacific sec will start one hour later, 0700. HCJB 2/8

SOUTH AFRICA It has finally been decided to introduce a sec broadcasting in SS & PP for listeners on the entire continent of South America. At present, antennas are under construction at Radio RSA's huge transmitting station to provide coverage from the most southern tip of South America right in to Jerezuela. The antennas covering the northern part of South America will also reach into Cuba and the lower part of North America. The South American broadcasts should take the air during the first half of 1981 and will be scheduled for broadcasts prior to the North American sec.

OBITUARY Radio RSA has lost one of its most dedicated Dx Editors-Waldemar Denzin of the German sec. RSA newsletter No. 99

SSB BROADCASTS The BBC, Voice of America and Deutsche Welle will be experimenting with SSB on a larger scale in 1981. RNDX

KUWAIT Radio Kuwait in AA is using a new out-of-band freq., 17650 kHz, since 2 Sept 0815-1300//21625. RN DX 11/8

BELGIUM From 28 Sept BRT's Dutch sec will use new 26050 kHz, 1000-1300 (weekdays); 0800-1300 for Africa on Sundays. RN DX 11/8

LEBANON Voice of Lebanon, 6550, an interesting px detail is "Saturday night party" in EE 1925-2115. A. Farmer, Scotland RN DX

TRANSKEI Capital Radio is testing their new 50kW sw tx on either 11750 or 9765 day-time GMT and 3950 mornings and evenings GMT, transmissions are irregular. Application has also been made for night-fas in the 40, 60 and 90 metre bands.

Richard Ginbey, RSA., RN DX 11/8



Deutsche Welle - The Voice of Germany