



NEW ZEALAND DX TIMES

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RADIO COUNTRIES

Interestingly our friends across the Tasman, the Southern Cross DX Club, have decided to adopt the European DX Council 'Radio Countries' List as they consider it is the most widely accepted listing among DX Clubs. As a step towards standardisation the decision is to be welcomed and is one which might be followed with advantage by New Zealand. Unfortunately such a move is likely to be resisted by the 'old hands' who under the more stringent rules pertaining overseas might have to discard certain countries which they can count under the New Zealand rules.

While the EDXC List is vastly superior to the N.Z.List, in the opinion of the writer, it still leaves something to be desired. The objectives of any 'Radio Country' list should surely be:

- a. To provide the DXer, whatever the area of his specific interests with the maximum number of TARGET AREAS.
- b. To ensure, as far as possible, that the long-time DXer and the beginner DXer are able to log and/or verify the same number of 'Radio Countries'.

In the introduction to the 1971 edition of the NASBA List the statement is made that "most 'radio country' lists are flawed by the attempt, in determining what shall or shall not be counted as countries, to set certain fixed criteria, often geo-political. But such criteria are apt to change rather than remain fixed due to the three shaping factors, namely: politics, geography and hobby tradition. So in practice, unresolvable conflicts arise in applying such rational, but fixed criteria."

For the writer's part it is accepted that it is desirable to have a standard list, acceptable world-wide, so that Dxers in one country can, if they so wish, compare their achievements with those of Dxers in other parts of the world knowing that they are talking about the same thing.

There are, to my mind, one or two basic rules which should be accepted:

- a. That once the basic 'radio country' list has been accepted, there can be no reduction - once a 'radio country' always a 'radio country' - there should be no such thing as an 'extinct', 'deleted' or 'former' 'radio country'.

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NEW ZEALAND RADIO DX LEAGUE

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FROM THE BRANCHES

Only two Branches reporting in this month - so over to AUCKLAND for starters.

In the 'Queen City' 18 members attended the February meeting. Future events including Arthur Cushen's visit in late April and a 'Band Survey' to be held in May were discussed. Bryan Clark gave a talk on League Competitions and Bryan Marsh demonstrated the Grundig RR1140, National DR Q63, Sony ICF2001 and CRF1 - all on loan from Miles & Carlaw. COMPETITIONS: Broadcast: KIKI 830 10kw (but who? - Ed), SW Over 9: Bryan Clark Voice of Clipperton 21750 Novice N.Pacey Tashkent 11785. Under 9 - No entry. Next Meeting: NZART Club Rooms, 3000 Gt. North Road, New Lynn at 2 pm on 29 March. Enquires - Jim Gorman, Tel. 298-5534.

SOUTHLAND: 15 members attended the February meeting at Ray Crawford's. After usual business the meeting, chaired by Bob Dunstan, heard a tape on broadcasting in Guatemala. DX Tips followed and arrangements were made for a visit to Tiwai on 21/22 March. The meeting was the last to be held at Ray Crawford's home before he and Raywyn depart for Australia in late April. Members expressed their appreciation to both for their untiring efforts on behalf of the Southland Branch. Noel Parry was welcomed to a Branch meeting after an absence of 8 years and several other members who had not be present for some months were there. COMPETITIONS: B.O.M. Broadcast: A.Cushen KNOX Grand Forks, N.Dakota 1310. Merit: R.Crawford LS4 Buenos Aires 590. Rest of World: P.Aronsen R.Monte Carlo 1467. SW Over 9: R.Crawford Brussels 26050. Under 9: S.Greenyer R.Nolan, Holland 6270. NEXT MEETING: Tues. 24 March at 7.30 pm at Arthur Cushen's, 212 Earn Street.

The departure of Ray Crawford, his wife and family, from Invercargill will deprive not only Invercargill but New Zealand or an outstanding DXer and a keen supporter of the League. Over recent years, Ray has been one of the team of Southland members who have put together the Broadcast Section of the 'DX Times' and on behalf of all members we offer you not only our sincere thanks for your efforts in the past but our best wishes to you and your family in the future. We understand that you have accepted a transfer and promotion to the new smelter at Gladstone, Queensland and our loss is their gain. Keep in touch and let us know how Queensland goes. ED.

RADIO COUNTRIES (continued from Page 1)

- b. The only way in which the list can be increased is where for some reason an existing 'radio country' becomes divided into two recognisably separate political or geographical units.

Looking at the objective of providing the maximum number of TARGET AREAS it seems fantastic that through an accident of history countries such as the USSR, Canada and the USA are each treated as single 'radio countries' while a circle with radius 200 miles in Europe could touch on at least 9 countries. One possible way of increasing the number would be the use of the TARGET AREAS for BROADCASTERS promulgated by the ITU in accordance with the Radio Regulations - the CIRAF Zones. If this were done the RSFSR would be divided into 16 separate 'radio countries' of which 3 are in Europe and 13 in Asia. Added to the 14 autonomous SSRs, the USSR would give a total of 30 Target Areas. In North America, Canada would become 5 'radio countries', CIRAF Zones 2, 3, 4 and 9 plus Newfoundland, which having once been a 'radio country' in its own right, remains so. The USA would become 4 'radio countries' CIRAF Zones 6, 7 and 8 plus Alaska. Other areas which merit review are Australia, China, Southern Africa, parts of South America and possibly the United Kingdom - there seems quite a good case for treating Northern Ireland (Ulster) as a separate country.

It could be a very interesting exercise - any takers?

ED.

BROADCAST DX

POR EL PERSONAL NECESARIO

During the last month 4ZG 558 Gore was opened with the transmitter at Charlton with a temporary power of 1 kw. The licence is a short-term one up to August 7 and by that time it is hoped to have a 5kw transmitter at Dacre.

4XF in Invercargill 1224Khz Foveaux Radio is now scheduled to open May 2. This call now been allocated. The Director General was at the opening of the Gore station and said that the next Radio New Zealand transmitter to come on the air would be the National Programme Repeater at New Plymouth possibly using 855Khz which should open in June. Five University stations have been operating and two are on new frequencies from that used in the past. Radio Active in Wellington is on 1233Khz and Radio U in Christchurch is on 1422Khz. The schedule is: Radio U 1422Khz 2000-1100 to March 14; Radio Active, Wellington 1233khz 1900-1200 to March 22; Radio B Auckland 1404khz 1900-1200 to March 14; Radio Contact Hamilton 1440khz 1900-2100, 0200-1200 weekdays, and 0200-1200 Saturdays to March 14; Masskeradio, Palmerston North 1584khz 1800-1200GMT to March 7, with new call 2XM.

Radio B in Auckland applied for 1404khz with 250W at a new transmitter site at hobson Bay, this was refused as was their application for 972khz and they did not accept 603khz, so the outcome is they remained on 1404 and restricted to 100W,

During March the Latin Americans should be at their peak if last year's reception is any guide and DXpeditions are planned for the East Cape and Tiwai over the weekend March 21.

Outstanding logging this month must be Seychelles 1368khz at 1800 GMT, reported by Michael Smith.

Now into the mailbag;

DEXTER POWLEY, DUNEDIN. Loggings Fiji 558khz Radio U, 1422khz, 4ZG 558khz Massey Radio 2XM 1584khz, was too 2XC last year.

MICHAEL SMITH cntd. KGNC 710, R.Seychelles 1368, 4EB 1485, Kgar.

ERIC MCINTOSH INVERCARGILL. has logs out to 4ZG, 1YT logged at Taupo, KNIX, Fiji 558, 200, 2XK, 2XJ. Veries in from 1YT, 200, V.O.A. 1575 Thialand. 1XL, 2ZW, 2XJ, 7FG.

BRYAN CLARK, AUCKLAND. Verie from 1XN Nambassaland 1170, reports to Radio U

MARK NICHOLS, Auckland. Logs out to Radio Nambassaland, 1XN, 2XK, 2XJ, 1XG, veries from 2XK, 2XJ, 1XN, Noumea 666 and CFCN.

DENE LYNNEBERG, PUKERUA BAY. has reports out to, 1YA, YC, 2M, YZ, YT, ZO, ZH, ZE, ZD, XX, XA, XW, ZT. 2YA, ZK, YNYX, ZG, ZC ZN. 3ZM, ZC, XG, ZA, 4ZW, XD, ZB, 3EA. Vanuatu 1125 WHAM 1180 KNIX. Fiji 558. Veries in from 2YX, YC, YA, ZK, YM, ZC, ZN, XJ, 1YZ, ZO, ZD, XA 3ZA7ZL, 2EA1386, 4ZB.

JACK SEARLE, HAUMOANA. logs 2XJ, 1XL, 2XK, 1XG. Veries in from 2XJ, 1XL, 1XG.

BOB DUNSTONE, INVERCARGILL. reports out to RADIOU 2XM, KFAX, XEJP. Veries from 2CT, R. Super 1200 and R. Mitre 790.

MICHAEL SMITH, OPUNAKE. has reports out to KSSK, KKUA, Cuba 600, WWL 870,

PETER JONES HAMILTON logs Fiji 774 A3Z 1020, 3NE, Rhema 1503. 4QG, veries A3Z, Samoa 540 2XJ.

BROADCAST DX

(4)

ANDREW BOOTH, DARFIELD, has varies in from 1ZO, 2 NX,XJ, XL ,ZE, ZH, ZN,3XG YW,ZB,ZE, 4YW,9AL.

ARTHUR CUSHEN, INVERCARGILL.has reported Wallis Island 1188, 4GM,1566, 4ZG558, varies from KNOX,2AP,4XW, 2XJ, 3EA, 7ex,CBU 690,2CA, WMT600, 2AP.

DAVID RICQUISH, WELLINGTON.1XL,2XJ, 2XM,4XS,KTWO, KUAM, VOA Thialand 1575, logged and varies in from 2XJ,4XS,KUAM DYFX 1305, FEN 910 (after 9½ years) KUAM Guam was count-ry 55.

ROBIN CHAMBERS, OPUNAKE.has reports to KOAM,A3z,JOAB,XEJ 2KA,KNUI,CX30, R Seychelles &R Massey. Varies in from 4XD, 2XJ,LS4,1XN,HLSR,A3Z, 1ZT

TIM AUSTIN,BLUFF.a lone verie from Radio Vatican.

RUSSEL WINTER INVERCARGILL. reported 4ZG verified 4XF fiordland.

JIM GORMAN, PAPAURA.has a lone report from R. Nambassaland.

RAY CRWFORD, INVERCARGILL.has varies from 2XJ,4XS, 2XX,3CR,5UV,2AP,540, 5LC, 5CK 5SY,5PA,5AN, 2CP,KDEO, KSSK KVON, KSLM, KATB 570, WVUV,VOA Rhodes 1260, Joab.YNM 620,R. Super 1260, R.Continental 590, R Suceso 995, reports to 4ZG,2AP 1359, 1404

LINDSAY ROBINSON, INVERCARGILL. has logs to 3XG,4YB,2XM,varies in from 2UW, 4XF,1548.

BEST OF THE MONTH

Senior; R Chambers and R Crawford with LS4 Buenos Aires, 590khz 10Kw 149pts

Junior; Bob Dunstone with LR6 Beunos Aires 790khz 10kw 148pts

MISS R. Contact 1440kHz did not operate; 2AL Levin 1225 March 30-April 16 will operate 24 hours. Our programmes 1800 onwards weekdays not Sundays.

SEYCHELLES.

Michael Smith comments; ZCQ3 , Seychelles Islands heard on 1368khz , signing off at 1800GMT in English on 18/2/81. I first heard it on that date but on the 19th ,20th, and 22nd it was also there but in fre-heh. It was giving a good signal on t-the 36" loop and JFET preamp. and no co-channel QRM. Strangely conditions from the rest of Europe and NEar east were poor, although 6PM on 990 was unusually strong. According to the loop the signal was coming in from the SSW direction , which tallies up with plotting the path on a great circle map.

TE AROROA.

The fame of this listening post on the East Coast is spreading and two members report visiting the area. Ralph Sutton of Wellington headed north with four coils of wire his FRG7000 ,DR22 and his WRH he submits a long list of stations heard.He comments"how much more could have been acheived before the days of all night NZBC transmissions." "I think my next DXpedition will have to be to a remote part of the world".

K. F. Bradley of Stratford sends a long list of stations he heard from north America and intends to go back next year.

OBITUARY Brian Hadlow passed away in his sleep on February 22. Brian has been a League member for many years firstly in Nelson and later at Anakiwa. Brian suffered from severe hearing loss and found radio listening a great hobby taking it up in 1963. He visited Invercargill and our home and heard his first Yank KOMA, and since then keenly followed the hobby and was a technical monitor for Deutsche Welle and this has given him another interest in his retirement. Our Sympathy to Mrs Hadlow and son Martin who informed us of this news. (ATC)

BROADCAST TRAIL

(5)

580	KMJ Good 0920 25/1	RC
590	Alaskan weak under KSSK 0920	RC
600	Cuban good ID at 0915	RC/MS
640	KFI Fair 0830 9/2	RC
650	KORL Fair-good 0835 9/2	RC
670	WMAQ Strong 0850 7/2	RC
680	KNBR Good 0815 25/1	RC
690	KKUA Good 0817 25/1	RC
690	CBU News good over KKUA 0902	RC
700	WLW Fair-good 0835 9/2	RC
710	KIRO strong over KMPC 0815RC/MS	RC
710	KGNC Larry King show 0830	MS
730	CKLG Good 0925 25/1	RC
730	KEX and R.Melodia 0817	RC
740	KRMG Good 0910 7/2	RC
760	KGU Excellent 0910 25/1	RC
770	KOB Good 0833 7/2	RC
780	WBEM 0750 KCRL ID at 0800	RC/MS
790	KKON Good0925 KABC Talk show 0910	RC
800	XEROK 0750 & PJB 0835 9/2	RC
830	KIKI Good 0835 9/2	RC
840	WHAS Good 0925	RC
860	KTRB 1000, KOAM C&W 0818	RC
870	WWL C & W 0810	MS
900	KNUI 0757 9/2	RC
910	KNEW Mixed with HJDO 0910	RC
920	KARN Weak-fair 0837 9/2	RC
930	KEJ Fair 0840 9/2	RC
970	KEJ "R.Mexicana" SS 0755	RC
990	XET Strong 0802 in spanish	RC
1000	KOMO heard 0955	RC
1017	A3Z Good 0735	RC
1020	KTNQ Spanish good 0955	RC
1040	KPOI Good 0812	RC
1060	CFCN Good-clear ID 0912	RC
1070	LR1 Fair 0835 14/2	RC
1090	KING Good 0955	RC
1110	KHEI Good 0843 9/2	RC
1130	KWKH heard 0815; CX30 La radio Montivideo 0812;	RC
	KLEI Fair 1220	RC
1140	KRAK Good 0912 15/2	RC
1150	XEJP Slogan heard 0813 9/2	RC
1170	KVCO Good 0700 16/2	RC
1180	KOFI Larry King Show 0900;	RC
	WHAM & R.Petrolera 0925 23/2	RC
1200	WOAI Fair 0925	RC
1210	KZOO JJ Lessons 0815 fair	BC
1220	R. Globo Fair 0810 17/2	RC
1230	R. Calidad Fair-good 0810	RC
1270	KNDI Good 0905	RC
1379	Colo Colo Fair-good 0755 18/2RC	RC
1440	KUHL Good at times 0757 15/2 RC	RC
1500	KSTP Twin City Weather then Larry King 0741; KUKU 0912BC/RC	RC
1550	KGAR Good C&W 0750	MS

Thanks to R. Chambers M. Smith and B. Clark. An excellent survey of the more easy to hear stations.

STATION NEWS

AUSTRALIA: 2CT Campbelltown on 1602kHz closed on January 23 as the station had debts of \$50,000. 2CT broadcast ethnic programmes and its licence allowed only the nation of sponsorship of programmes.

WESTERN SAMOA: According to a verification from 2AP to Arthur Cushen they state..... "It is significant that both 540kHz and 1359kHz are on the south coast of Western Samoa, with the earth mat almost in the sea. They therefore get an extremely good launch off to the south. The Auala repeater on 1251 kHz is on the north coast, and it has been reported from Hawaii. The 10kw transmitter on 1404kHz is in the middle of the island and distant propagation is thus not as good even though there is a 10db increase in power over the repeater. A couple more site details before I close. The 540kHz and 1395kHz sites are completely remote from any source of power, so they are equipped with twin diesel generators which are cycled automatically on a weekly basis. The Auala site on 1251kHz is about to draw power from a local mill site, and thus is equipped with only one diesel." (Note - According to a BCNZ Engineer who installed the Samoa transmitters the 1404 transmitter may move to 747kHz when Located at its new site).

CUBA : The Voice of Cuba broadcasts in English to North America from 0500 to 1000 on the Radio Rebelde transmitter on 550 replacing the former 600kHz outlet. The 600kHz outlet has been added to the other frequencies used to carry "La Voz de Cuba" programmes in Spanish. 600kHz continues to be used to relay Radio Moscow programmes in English. BBCMS. EXTERNAL SERVICE OF RADIO PEKING. 0930-1530 Japanese-1044 918 719 1100-1500 Korean-1018 1130-1230 Tagalog-1341 1130-1400 Vietnamese-1296 1300-1330 Vietnamese-1341 1430-1530 Laotian-1296 1500-1600 Hindi-1323 1207 1600-1630 Urdu-1327 1600-1800 Hindi-1207 BBCMS.

Most DXers tend to call their end fed random length of wire strung around the backyard, a "Long Wire". This is really incorrect. A true Long Wire should be at least 4 wavelengths long. This can involve some length as shown by the following examples of 4 wavelength long wires on 40 metres - 480 feet, and 60 metres - 720 feet. So you can see, most of us are not fortunate enough to have the room to string out a true Long Wire. However there are some DXers who live on farms or have access to wide open spaces who use or may like to try this antenna.

Long wires have very good directional properties. From Fig 1, one can see maximum pickup is at right angles to the wire of a half wave dipole. As the wavelengths of the antenna increase the lobes narrow and change direction. From Fig 2 we now see the maximum pickup lobe is from the end of the wire when 4 wavelengths long. The more wavelengths the narrower

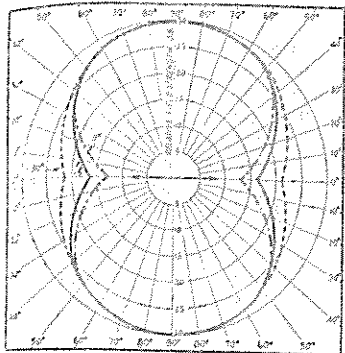


Fig. 1 - Directivity patterns of a horizontal half-wave antenna at three radiation angles, 15, 30 and 40 degrees. The direction of the antenna itself is shown by the arrow. These patterns are plotted on a 90dB scale, which is about proportional to signal strength as determined by ear. If 30 dB represents an S9 signal, 0 on the scale will be about S1. All three patterns are plotted at the same maximum, but the actual amplitudes at the various angles will depend upon the antenna height, as described in the text. The patterns shown here show only the shape of the directivity diagram as the angle is varied.

the lobes and the closer they are to the axis of the wire.

Much has been written regarding the gain of a Long Wire as against a half wave. I feel it is enough to say at present that in theory the gain of both antennas is similar and depends on many factors. If one wishes to pursue the subject further, then refer to the ARRL Antenna Handbook.

To me, the benefit of the long wire is the ease of erection and if required, its directional properties. Also, I believe because of the length of wire used there is a large signal pickup area, and consequently better reception on lower frequencies than the half wave dipole. During the 50's and 60's at Whangaparaoa, Long Wire antennas up to 100 feet high in places and some over 1000 feet long in places were used to great effect.

My personal comments regarding the erection of a Long Wire are as follows.

1. Run the wire out as long as possible. Cutting the wire for a resonant frequency is not essential.
2. Keep the wire as high as possible.
3. Run the wire roughly in the direction of the desired signal.
4. The above two comments usually depend on the height and location of the supports - usually trees.

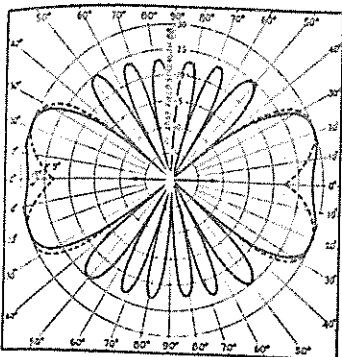
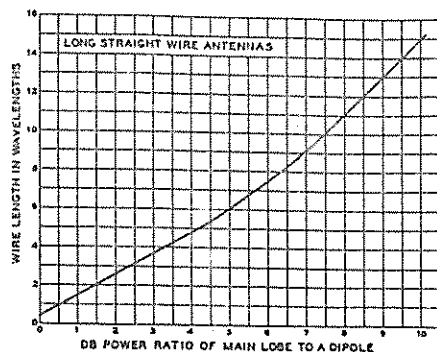


Fig. 2 - The horizontal patterns for a four-wavelength antenna at vertical angles of 9 and 15 degrees.

Figure 3
DIRECTIVE GAIN OF
LONG-WIRE ANTENNAS



5. It is most likely the Long Wire will require more than two supports as the weight of 500 feet of wire is quite substantial and the wire will sag.
6. Drawn copperwire such as telephone wire is the best wire to use but difficult to handle. Plastic stranded wire is more satisfactory for temporary antennas but will stretch if too much tension used.
7. If I had a choice I would go for a wire at least 500 feet long and 30 feet high, preferably higher if possible, running NE - SW.

If some DXers are using or intend to try the Long Wire I would be interested to hear their comments on their antenna. Also their comparison against other antennas.

THE BEVERAGE ANTENNA

The Beverage is an extension of the Long Wire and for many years has been well known to NZ Broadcast DXers. I have come across little written information about the Beverage as it is a specialist antenna usually restricted to Broadcast monitoring.

The main requirements are the same as those for the long wire except the height should be limited to under 10 feet were possible, and the length should be 1000 feet or longer. Again the height depends on the supports used, trees, shrubs, fence posts and poles; and whether there are any animals or humans to contend with. From our experience at Whangaparaoa we found that as the height of the antenna was raised station signal strength increased but the directivity of the antenna deteriorated. The Beverage is the most effective broadcast antenna I have used because of its directivity and gain. Two beverages running at a 25 degree angle to each other has meant the difference of receiving a British Columbian station or one in Florida on the same frequency. Space is the main requirement, preferably country that is covered with low scrub, scattered trees or even a fence line running in the desired direction. If the antenna is adjacent to, or overlooking water, so much the better.

This article in the series on antennas prepares us for Robin Chamber's Two Wire Beverage System.

LATE DELIVERIES

First more Branch Notes and CANTERBURY has come to light with the following:

Eight members attended the February meeting which welcomed back John Bathurst. COMPETITIONS: S.W. Under 9 - A. Stewart and S. Forsyth both with R. Dublin 6319. And Over 9 - Again a joint effort, this time M. Jackson and S. Forsyth HCJB 26020. Broadcast: KSSK s. Forsyth. And the NEXT MEETING; Note the change of venue - now 8 Langdon Street, Darfield on 29 March. For information and transport either A. Stewart - Tel 588-496 or S. Forsyth - Tel 98-404 Darfield.

NORTH OTAGO: Five members were at the February meeting which decided that Junior members should be absorbed into the Senior section in an effort to bring back their enthusiasm. A visit to a crippled children's meeting is planned as the Branch contribution to the I.Y.D.P. There will be a little talk on DXing and then the children will have a go on members receivers. The April meeting will be devoted entirely to listening.



TRANS WORLD RADIO

Bonaire, Netherlands Antilles



This Newsletter which is designed to keep listeners up-to-date with changes which occur between the annual issues of the WRTVH is published in May, August and November. Contains details of changes in frequencies, programming, and other developments. The 1981 edition which can be airmailed direct to members from Denmark should be ordered from Arthur Cushen, 212 Earn

Street Invercargill. Cost \$8.00. To catch the first mailing orders should be placed before the end of March. Copies of the 1981 WRTVH are available at a cost of \$20 a copy.



A two page spread under the title 'The Early History of Radio Hauraki' appeared in the issue of the North American "Dx Monitor" of 24 January 1981 - and they nearly caught me out - when I looked at the title page, found the year was given as '1980' - glad to see others beside me make mistakes sometimes.

Trans World Radio

During March and in the first week of April, Dr. Louis Muggleton, who is head of TWR's international wave propagation department will be presenting a new

series on propagation. The subjects are:

- | | | | |
|---------------|---------------------------------|---------------|-----------------------------|
| March 5 & 6 | Radio Black Out | March 12 & 13 | Radio Black Out - continued |
| March 19 & 20 | Sudden Ionospheric Disturbances | March 26 & 28 | Auroras |
| April 2 & 3 | Choosing the correct frequency | | |

These talks are carried on the KTWR DX Programme on Thursdays at 0100 GMT on 17770 kHz and on Friday at 0915 GMT on 11840 kHz and 1445 GMT on 9510 kHz.

For those interested in the subject, there is an excellent article on propagation in the 1979 edition of the Radio Amateur's Handbook produced by the American Radio Relay League.



The Dx Press continues to carry angry reaction to the axing of the World Radio Club programmes. The BBC has informed the "World DX Club" that the future of any radio enthusiast type of programme rests with the listeners themselves and a concerted effort on their part might see a new programme being launched. Arthur Ward, 17 Mospur Drive, Northampton, England, NN2 6LY, has offered to co-ordinate listeners views for presentation to the BBC. Deadline for correspondence to reach Arthur Ward is 1 April 1981.

LETTERS

Max Burke, Christchurch, asks if anyone has verified or knows the address of a Korean station "The Voice for the Unification which broadcasts in English from 1400 - 1430 GMT on 4120 kHz. Says they state location as Seoul but programme content indicates N. Korea. Reports to both Pyong yang and Seoul have brought no joy. Tim Austin, Bluff, tells that he visited the Radio Technicians' Depot in Invercargill twice during the school holidays - what he saw made him hope that he will be able to do similar work when he leaves school - good luck to you, Tim, and hope it works out. Next Paul Ormandy having fun with his new Kenwood P1000, picking up R. Dublin/R.290 on 6287 kHz. Chasing new countries.

MORE LETTERS

Then there was that letter from Rev. F Glen - the comment on a correction to name and address will be passed on - not handled by me (Ed.) - The Reverend writes 'I've never sent any of these details in before - I have not the faintest bloody idea where to send them, nor the foggiest idea if I'm on time and off time. However, the Southland Branch are wondering if I have vanished into the wallow of fine weather and drought up here. Tom Chisnal and I constitute an unofficial branch for the Nelson area of two so we meet once a year and talk about what we ought to be doing.' After a few more details, he concludes 'Between promoting my new book and work, plus the farm I can still manage a night a month on BC - but its murder now for the BC DXer with these all night stations. Takes the heart out of one when you have been doing it for 31 years.' Now that is what I call a nice letter - thanks. As a matter of interest there are between 12 and 14 members in the Nelson area and one or two more over the Takaka Hill - want a list so that you can have a good get together.

In the BC Section the recent death of Brian Hadlow was noted. I too have received a letter from his son, Martin, and since I believe that it contains much that will be of interest to members I quote it in full:

"He had been a keen Dxer for many years and started to take the hobby seriously in early 1963 using a Philips Hilversum Plano receiver. He changed to an Eddystone 840C in 1964 and has used this receiver, along with an Eddystone EC10, ever since.

As a long-time member of the NZ DX League he read each copy of the NZ DX Times with considerable interest although he was one of the 'silent majority' who rarely entered details of his loggings and QSLs for publication.

A quick check on my father's log books brings back memories of stations such as ZBW3 Hong Kong, VTW2 Gilbert and Ellice Islands, ETLF Ethiopia on shortwave. Interesting mediumwave loggings included BFBS Aden 1241, Swan Island 1165 and British pirate stations. My father was also a long-time monitor for Deutsche Welle as well as being a 10 year member of the Radio Canada Shortwave Club. His best DX loggings were Andorra 6305 kHz with 1kW (shortwave) and Norfolk Island 1570 kHz with 10 watts (mediumwave).

DXing and shortwave listening were of continual fascination to my father and the hobby gave him countless hours of pleasure."

Thanks, Martin, for taking the trouble to write - it was a kind thought. May I join with the BC Editors in expressing our sympathy with you and your mother and is it possible to hope that you, perhaps, will continue with the hobby and get from it as much pleasure as did your father.

Norfolk Island Broadcasting Service



VL2NI



RADIO CONTACT - The Station Manager has advised the Broadcasting Tribunal that due to staff shortages which have had the result that the transmission equipment is not in working order, the station will not be able to take advantage of the short term authorisation it was granted.

DX-ing IN EASTERN EUROPE - According to reliable reports the Czech authorities have decided to stamp out what they call "ideological sabotage", that is listening to foreign radio stations. Czechoslovak DXers have been subjected to house searches and all 'undermining material' such as QSL cards, diplomas, station schedules, magazines and the like have been confiscated. The Post Office is now opening the mail of all known DXers and confiscating such items. (Weki Vecelar, QTH Africa via World Wide DX News)

We would thank Mr.C.A.Roper, Geophysical Laboratory, D.S.I.R., Christchurch, who supplied the information on which the following notes and diagrams are based and Mr. G.Jeune, Chief Cartographer, Dept. of Lands & Survey, who with Mr.D.Meadows, arranged the production of the diagrams.

Fig.1 - Most Common Occurences

Shows the zones as the areas of maximum auroral activity. These zones are no longer of much significance scientifically since it is the state of the magnetosphere which is of importance, but for the purposes of radio transmission it is necessary to know where most auroras occur.

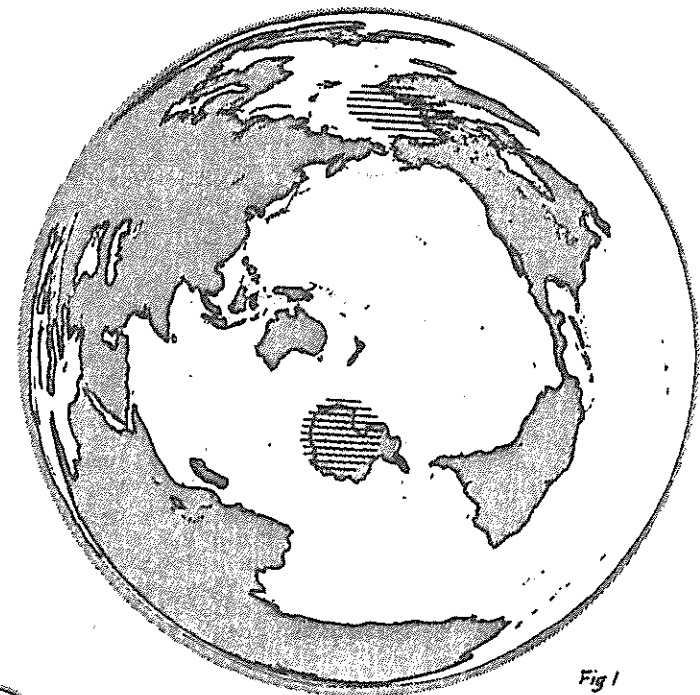


Fig 1

Fig.3 - Areas from which transmissions to N.Z. would be affected.

The fan drawn on either side of the north and south zones shows where trans-zonal propagation would be difficult. However anomalous propagation paths through the zone or around it would be quite possible. One can be sure though that transmissions from the shaded areas would be affected.

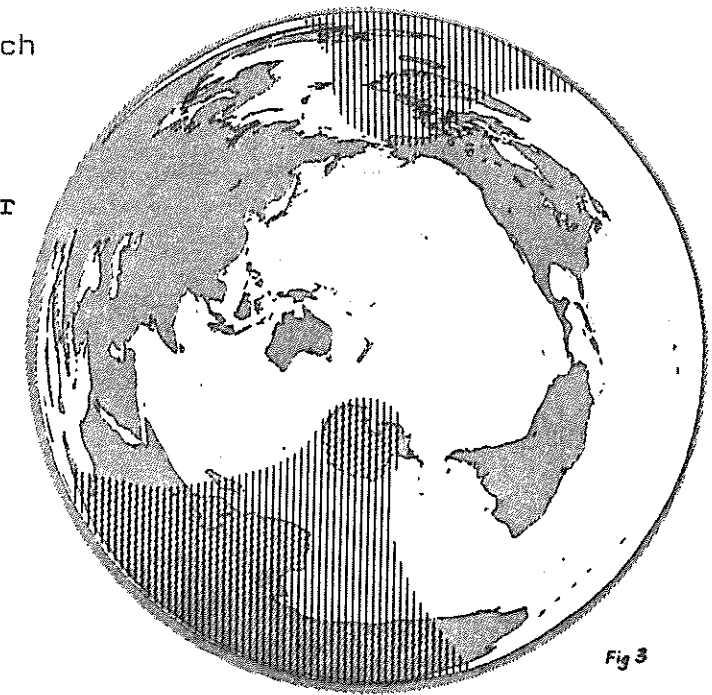


Fig 3

Fig.2 - Effect of Magnetic Storms

Shows possible extent of auroral activity during major storms and how large an area is affected by the auroral displays. It may indicate the difficulty of being definite about the effects of any given aurora. Note that the outside edge of the marked area is not definite - it is ill-defined and certainly cannot be taken as more than an indication of the limit of activity.



Fig 2

market square

FOR SALE: National Panasonic DR28 Receiver - 6 Band, New Condition, very little used, Manuals etc. included. Contact - T.Shewan, 130A Alabama Road, BLENHEIM. Tel. 86908

LATIN-AMERICA DX - Don't forget that entries for this competition close on 31 March by which dates entries should be with the Editor. A handsome Dictionary, presented by Ian Cattermole, reposes on my bookshelf.

COMPETITIONS -

'WINDY WELLINGTON DX CUP'
In the first quarter, Oct. - Dec.1980, members had to log three DX programmes from 3 different European countries and 6 news programmes in English from 6 different countries in Europe. The judges have expressed their pleasure at the high quality of the entries. First prize, the WRTVH Newsletter, goes to Owen Cullen, Hikurangi, Northland. Runner up was Douglas Doull, Auckland. All entrants receive a certificate.



This month sees a mixed bag of verifications with the highlights no doubt being Ray Crawford's Radio Tabajara, Turkish Police Radio and the first QSL reported from the Voice of Asia, for New Zealand at least. Well let's get straight into the mailbag and see what we have this time around.

BRASIL: Radio Tabajara, Joao Pessoa, Paraíba. 4975 kHz 1 Kw. Verified with a souvenir postcard folder with verie text printed on inner cover for a report of March 78. (Ray Crawford. Invercargill. Has rpt in EE or EP? Ed.) Oh! verie signer was Roberto Carlos A. de Oliveria Director



Operacional. (Nice verie Ray. Ed.)

GUYANA: Guyana Broadcasting Service. 5950 kHz. Full detail verie letter signed by Joy Luke Praser for L.R.E. Case Chief Engineer. Received in 11 weeks for report on Cricket test relays. (Bryan Clark. Auckland.)

JAPAN: Nippon Hoso Kyokai, Matsuyama. 3970 kHz 600 watts. English report sent to Matsuyama direct verified on a Radio Japan QSL card. (Ray Crawford. Was reply from Matsuyama or Tokyo Ray? Ed.)

LEBANON: La Voix du Liban 6550 kHz. Cyclostyled letter received in English with full verie details in 11 weeks for an EE rpt. Verie signer not clear, over printed name of Joseph El-Hashem. (Jack Searle. Haumoana.)

PHILIPPINES: Philippine Broadcasting Service, Manila. p/d card received in 2 months for EE rpts and ms for 3286 and 6170 kHz. Verie signer Greta Malubag. (Leigh Morris. Palmerston North.)

SRI LANKA: Adventist World Radio via SLBC Ekala. Four special QSL cards for test broadcasts by AWR-Asia to Africa/Middle East received in 1 month for 3 IRC's. QSL's contain all relevant details (including transmitter power). Cards for 15120 & 17850 kHz endorsed 'First test broadcast QSL to N.Z.' Also sent QSL stamps for affixing to AWR certificate. (Bryan Clark. Nice work Bryan. Ed.) SLBC Radio Monitors International special QSL No. 409 with full data of R.M.I. Contest. Plain card with special contest stamp on reverse side. Verie signer Adrian Peterson. (Congrats. on being a minor prizewinner Jack. Good work! Ed.)

TAIWAN: Voice of Asia 5980 kHz. full detail card received in 90 days together with a schedule for an EE report and 2 IRC's. (Leigh Morris. Would like some more info on this one Leigh. Believe you sent it via the Voice of Free China? Most likely the first verie if nor the only one received in NZ for this station. Ed.)

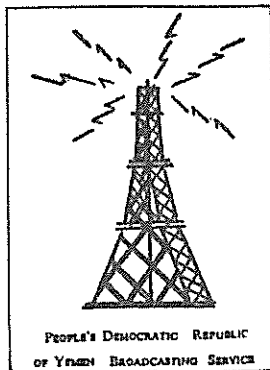
TURKEY: Voice of Turkey 'Sunshine Radio' 11955 kHz. A full detailed card with very nice pennant and enamelled lapel badge, both showing logo of 'Sunshine Radio', all received by air in 3 months for EE rpt. (Jack Searle.) Turkish Police Radio Ankara 6340 kHz. Plain black & white paper QSL with verie text in English giving full details except power. V/s is illegible but claims to be Station Director. Received in 9 1/2 months for EE rpt and 2 IRC's by air(?). Rpt posted 14.1.80, their reply posted 13.10.80 and received 29.10.80. (Dene Lynneberg, Pukerua Bay.)

VENEZUELA: Radio Yaracuy, San Felipe. 4940 kHz. Full detail QSL in green & white. Globe in centre with radio mast and 4 other stations on the same network 'La Novedad Radial de Venezuela' Full details on reverse. Rcd in 5 months for a SS Rpt and 3 IRC's. (Peter Jones. Hamilton.) Radio Nacional Caracas 15390 kHz f/data card in 4 months for EE Rpt & 2 IRC's Verie signer Charlie Nash, Director. (Leigh Morris, Pal. North.)

MAURETANIA: (Sri out of order) Nouakchott. 4845 kHz 100 Kw an attractive green, yellow & black map card with full details on reverse in 5 weeks for a FF Rpt & 1 IRC to address in WRHB. V/ signer was D. Mahel. (Jim Benzoni. Hamilton. Tnx Jim. Ed.)

PEOPLE'S DEMOCRATIC REPUBLIC OF YEMEN: PDRYBS. Aden 11770 kHz 700 Kw. QSL Card received for EE Rpt from V/s M.S. Moosa who also requested rpts on reception at various times of the day. (Ray Crawford. Invercargill.) Thanks once again to all those

who contributed this time around. 73 until next time. Dene Lynneberg. Section Ed.



Shortwave Mailbag

compiled by

BILL HUDDLESTON

Now that the USA Pirates have been silenced for the time being at least..We have the first verification from the Pirate station operated by a Dutchman Konnie Nolan. Steven Greenyer Invercargill, in reporting this very good effort gives the following details. Radio Nolan is operated by Ronnie Nolan from Vlatwedde, Holland power 50watts on 6270 KHZ. Using a antenna 48m long and 15m high beamed in East/West direction. Steven has the first verification for New Zealand, but the station has been heard before in the USA. The owner has had his equipment confiscated three times, and been in jail once. having to go back in again for five weeks. congratulations to Steven, and thanks for those details.

Russel Winter Invercargill has QSLs back from BBC 5975, AFRTS 6030, RA6045, BBC 7150, VOA 7200, Madrid 9630, Vatican 11830, Moscow 15240, also having sent 8 reports out, Thanks.

Jim Gorman Papakura has no reports out due to watching the cricket, but the postman brought veries from HCJB 9760, WYFR 9695 9705, R Liberty 21665, Budapest 21525, AFRTS-Philippines 26000, RFI 15180, FEBC 15400. Thanks Jim hope you were'nt throwing those beer cans

Tim Austin Bluff Has no reported logging after spending some time visiting the Invercargill Radio Technicians Depot, with an eye to the future , while receiving QSLs from FEBC Seychelles 15400, DW 6100 11785 6075 7285 9735, VOFC 7130, Peking 11040 9064, R. East New Britain 3385, VOA 26000, R. Bras 15125, 15290 17830 17810, BBC 12095 15105 21710 7815 6195. 11955, R Mediterranean 5960, Tim also received a small jade elephant from VOFC. and postcards of American monuments from VOA, thanks Tim.

Jack Searle Hawkes Bay advises of QSLs back from BRT in 20 days, RN Bonair 21685, R.Bras 17810 with full data card and sticker, Prague 11990, RA.Sher Carnarvon 21630. Tx.

Dene Lynneberg Pukerua Bay has veries back from La Vox del Cinaruco 4865, Finland 21465, Bertoua 4750,

Arthur De Maine has our congratulation with his wifes presentation of a new daughter, along with veries from BBC Ascension 15260 BBC Singapore 11955 BBC UK. 15070. our best wishes.

Andrew Booth Darfield has been busy starting his new job, and the postie has brought him veries from ORF 15225, Voice of Vietnam 10040, TWR Monaco 9495, Vatican 9615, SPC 21695 21520, DW 11705, AIR 11620 RC International 15150, Voice of Turkey 9515, Budapest 15220, Spanish Foreign Radio 9765, Peking 9860, Radio Braz 15290, look after the job Andrew, DXing can come later.

Lindsay Robinson Invercargill Has 5 reports out and veries back from Portugal 9575, BBC Singapore 15360, SBC 9560, Andorra 6220, Radio Dublin 6290, bringing total to 119 countries verified, keep up the good work Lindsay.



When sending in your entries for the Best of the month would you please included the details as required under the rules. That is :- Call, Location, Frequency, Power, Date heard, Time heard, Month reported to the DX Times.

⑭ Shortwave Mailbag

Max Burke Christchurch has a long list of Nigeria 15120, RNE 7275, BBC w/s 25650, SR International 21695, Dubai 21700, Iran 9022, Bucharest 15335, ARKTS USA 25615, Havana 11705, Sarawak 4950, RRI Sorong 4875, Kol Israel 9425, keep up the good work Max, while you wait for the other 21 to come back.

Steven Greenyer Invercargill has all the good ones back with R Dublin 6315, R Nolan Dutch Pirate 6270, R Quillabamba nice one Steven.

Bill Jolly Kawerau has two reports out and veries back from NHK (Sines) 11790, RN Lopik 21680, RM Khabarovsk 17805, Radio Bras 17830, Yes Bill we must get together again one day.

Arthur Cushen Invercargill kept the postman from going on strike with QSLs from Oslo 9685, Belgium 11980, Spain 9725, R.Braz 17810, 17830, Nig 17800, Dubai 17775, SBC 21570, Moscow 7390 7485 17880 9560 9500 21690 9750, Rumania 11805 15340 17720 11840 15235 17790 Changchun 3310. Thanks for the CRHB. and letter,

Lrian Marsh Auckland has veries back from AWR Europe 9605 9615 9670 9745 15440, AWA Andorra 6220 15025. Tx.

Tony Magon Invercargill has two good veries back from RSA 3965, Lesotho 4800

Bill Huddleston Auckland catching up over the last few months with veries back from Chile 17790, ELWA Liberia 11830, R Malaysia 7295, Kol Israel 17645, NSB Tokyo 6116, FEBC 15440, Vatican 11810 11220, RFI 17850 21515, ORF 21640 21740 21500, Lisbon 17880 Malawi 7130, Tashkent 11785, HCJB 26020, 17885, Norway 9590, TWR Swaziland 11965, RA 21650,

Peter Jones Hamilton is adding to his countries list with Bafoussam 4000, VOA Rhodes 6070, also OKF 21640, Dubai 17810, AWR Andorra 15027.

TRANS WORLD RADIO

P.O. BOX 141
MONTE-CARLO, MONACO



DIFUSORAS DEL URUGUAY S.A.

BEST OF THE MONTH

Under 9 MHz

R. Nolan Holland 6270 KHz.
50 watts 168 points
Steven Greenyer Invercargill

Over 9MHz

HCJB Ecuador 26020 KHz.
100watts 138 points.
Douglas Doull Auckland

Douglas Doull Auckland has not reported any out but has veries back from HCJB 26020, AWA Andorra 6220 15025, AWA Luxemburg, Thanks.

Owen Cullen Northland has veries to hand from AIR 15205, AWA 11835, RCI 11835 with 35th Anniversary card, D Welle 21680, FEN Tokyo 6155, RMI 11835, Ulan Bator 12070, +pennant, R Vemarana 3522 3577, with long letter. Thanks for the letter Owen.

Bryan Clark Auckland Has 4 reports out and veries back from Vemarana 3577, AWR Andorra 15025, HCJB 6130 9745.

Cecil Symmes Wellington has QSLs back from RSFSR Petropavlovsk Kamchatka 15140, Kazan 11950, Irkutsk 17880, Kenga 7440, Nikolaevst on Amur 9780, Krasnoyarsk 7380, Ukraine SSR. Simferopol 9750 Georgia SSR Tbilisi 15305, Portugal 6185.

Ian Catermole Blenheim kept the post busy with veries back from R. Bras 15125, Stockholm 21610, Malaysia 11900 Moscow 7260, 7175 15305 15350, Fuzhou 6100, Rome 15400 15245, Brussels 26050 21625, IBA 25640 Thanks Ian.

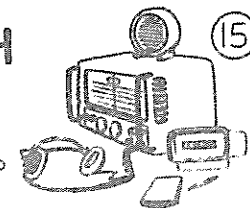


VOX FIDEI ZÜRICH
Geschäftstelle
CH-4632 Trimbach
Telefon 052-22 25 27
PC 80-9599

GEMEINSCHAFT FÜR CHRISTLICHE VERKÜNDIGUNG

SHORTWAVE BANDWATCH

with BARRY WILLIAMS of Auckland



Sorry about February's Bandwatch going astray in the post. It did eventually turn up so we are publishing the first two pages in the March times. This month's contributions will make up the remaining two pages. A few new stations of interest reported this month. Radio No. One Gabon back on shortwave, 4808 khz. A new Adventist station in Lebanon, WORD, on 6215 khz and R. Dublin moving frequency to 6910 khz. Not much space this month so lets get on with Bandwatch.

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

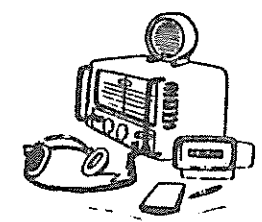
PREQ	TIME	COUNTRY	STATION	PROGRAM & RECEPTION DETAILS	INITS
4655	0420	ECUADOR	C.R.E. Guayaquil	New frequency, in Spanish with LA Mx. EP	
4719	1450	INDONESIA	Ujung Pandang	Fair with Indonesian ID and music.	CS
4760	0100	BRAZIL	N. Educacion Rural, Campo Grande	New frequency, Portuguese with "Placar Sportivo".	EP
4770	0633	NIGERIA	Kaduna	Fair with Commentary, News 0600 Good	BC
4800	0310	VENEZUELA	Radio Lara	Spanish & LA music.	FC
4808	0609	GABON	Africa No. One	Strongest signal on 60 metres. French pops. Frequency varied up to 4811 khz.	BC
4815	0445	COLOMBIA	R. Guatapuri	Spanish music.	FC
4820	0414	HONDURAS	La Voz Angelica	Religious program.	FC
4835	0402	SOUTH AFRICA	RSA English	SABC Regional farm program.	FC
4880	0426	SOUTH AFRICA	RSA Africaans Service	Fair signal.	FC
4905	0855	BRAZIL	R. Relogio Federal	Time signals every minute, with news announcements in Portuguese.	BC
4915	0702	GHANA	Accra	Heard with English news till 0712. Heard this late on 14/2.	BC
4950	1812	KENYA	Voice of Kenya	in Vernaculars, Good when closes with ID at 1900.	BC
4970	0900	VENEZUELA	R. Rumbos	Poor in Spanish. Plenty of IDs. 0328 Spanish with "Noticias" at 0330.	CS
4980	0935	VENEZUELA	Ecos del Torbes	LA music & music. Good sig. 0334 with LA music.	FC
5050	0853	PERU	R. Loreto	ID and time check "en la madrugada, Fair	BC
5052	1453	SINGAPORE	R. Singapore	News.	FC
5057	0600	ALBANIA	Gjirokastar	Poor with European language	CS
5950	0550	NICURAGUA	YNM La Voz de Nicuragua	VG in Spanish. Address as Box 244, Managua.	PO
5950	0822	GUYANA	GBS Georgetown	Fair with English, Hindi & SS news English ID as "You are tuned to GBS Georgetown," Easy log till Chinese fade in around 0850.	PO
5955	0710	HOLLAND	R. Ned.	Fair in English with news & commentary	CS
5955	0630	GREECE	VOA Kavala	Fair in English.	CS
5965	0730	TANGIER	VOA	Stat. ID and IS then Arabic, Fair signal.	CS
6025	0559	NIGERIA	FRCN Enugu	Fair signal in clear with National Svce. news and commentary followed by local IDs.	BC
6025	0100	BOLIVIA	R. Illimani	La Paz, New frequency, "La Voz de Bolivia", Good with National Network news. Spanish.	EP
6060	0555	CUBA	R. Havana	Spanish to s/off 0602.	FC
6138	0740	PAPUA NEW GUINEA	Sepik	Fair in Pidgin and local music	CS
6215	1800	LEBANON	WORD	"High Adventures Voice of Hope from Lebanon." ID and Eng. news followed by Pop music. Brief Religious messages. 0550 English news then Arabic 0600 - 0700. DO NOT confuse with other Voice of Hope on 6220 khz.	AC BC
6220	0629	ANDORRA	AWR "Voice of Hope"	s/on English Sun. Fair 0730 in French. Poor signal.	BC MB

FREQ	TIME	COUNTRY	STATION	PROGRAM & RECEPTION DETAILS	INITS
6550	1815	LEBANON	Voice of Lebanon	Good with English news & commentary	PO
6910	0715	IRELAND	R.Dublin	Found here 27/2 but still suffers from utility QRM. Poor modulation noted. Poor to fair signal.	BC
7065	0625	ALBANIA	R.Tirana	Very good signal in French. //7080 fair	MB
7115	1900	USSR	R.Moscow World Service	Fair English, Severe QRM.	JS
7115	0430	BULGARIA	R.Sofia	English DX program. Fair	CS
7195	1000	JAPAN	NHK	Fair opening broadcast in Japanese.	JW
7215	0645	IRAN	Teheran	Arabic, Koran, good signal.	MB
7235	1220	MONGOLIA	Ulan Bator	English news but blocked by Delhi 1245.	AC
7275	1940	Spain		Good with English sports news.	CS
9149	2040	USSR	?	Russian music on LSB. Rough quality.	JS
9450	0725	USSR	R.Moscow WS	Good with DX program. English .VG.	JW
9535	1130	SINGAPORE	R.Singapore	English with Pops. Fair signal	MB
				Heard with news, ex 9530 khz.	AC
9615	0900	COSTA RICA	R.Noticias	Opens but mixed with KGEI.	AC
11700	0010	DOMINICAN REP.	R.Clarin	"La Musica de Mundo". Spanish	EP
11710	0200	USA	AFPTS Grenville	to 0400 .QRM from Argentina.	AC
11735	0330	FINLAND	Helsinki	English news, ex 11755 khz	AC
11740	1624	SWAZILAND	TWR	Manzini, English Gospel program. Fair.	BC
				Blocked by Vatican 1655.	BC
11745	1830	PORTUGAL	R.Renascenca	opens with chimes palying hymn "The Lord's Hymn". After time signal full ID. Some QRM from Radio Moscow.	AC
					EP
11835	0110	INDIA	AIR	Poor in English with program highlights.	CS
11855	0840	CZECHOSLOVAKIA	R.Prague	English. Listeners competition.	AC
11935	0300	IRAQ	Bagdad	English news but generally blocked by jamming	AC
15077	1900	AFGHANISTAN	Kabul	Fair with fluttery signal and pro-Russian news. Program till 1030 /	PO
15100	2300	USSR	Lithuania	R.Vilnius, English to 2330.	AC
15100	0355	USSR	Armenia	R.Yerevan, English news to 0400	AC
15100	0700	GERMAN DEM.REP.	R.Berlin	International. //17700 khz, both gd.	JS
15103	2030	GRENADA	R.Free Grenada	Heard through het from French station on 15105 khz. ID 2045 still announcing other freq. Fair copy	BC
15150	0800	INDONESIA	RRI	English to 0900, ex 15200 khz.	AC
15155	2302	MOROCCO	RIV Marocaine	Rabat fair in Arabic with news	EP
15245	0700	ZAIRE	Kinshasa	in French. Sideband QRM from Australia.	AC
15273	1210	URUGUAY	SODRE	Montevideo, Poor with musical program.	EP
15560	0706	HOLLAND	RN	Excellent in English to W.Africa. "Newsline"	JW
17810	0515	DUBAI		English // 21700 both strong. 9640 not heard.	JS
17810	0020	PHILIPPINES	FEBC	Religious program.	FC
17810	1900	BRAZIL	Radio Bras	//15125 s/on English International Svce. to Europe. Good. Frequent announcements.	EP CS
21480	0045	USSR	R.Moscow	New frequency in Chinese. Excellent. Hrd to Europe.	645BC
21525	1740	BELGIUM	Brussels	English to s/off 1751. On top weak WFYR	BC
21610	0812	JAPAN	NHK	Good in Japanese & English.	JW
21680	0949	GERMAN FED. REP.	DW	Excellent in English, Asian Review	JW
25820	0925	FRANCE	RFI	Good with French Stat.ID & IS.	CS
26000	0757	USA	AFPTS	Fair but fading rapidly.	JS
26040	1920	USA	VOA Grenville	English commentary, Poor.	CS

Our thanks to the following contributors over the last two months. We welcome EP Emilio Pedro Povrzenic of Villa Diego, Argentina. Our regulars :-
 OC Owen Cullen Hikurangi FC Frank Crow Los Angeles USA.
 CS Cecil Symmes Wellington EC Bryan Clark Auckland
 AC Arthur Cushen Invercargill BM Brian Marsh Auckland
 PE Paul Edwards Wellington (February Bandwatch notes)
 FM Tony Magon Invercargill SF Stuart Forsythe Darfield
 SG Steven Greenyer Invercargill KG Ken Graham Mt.Maunganui
 MB Max Burke Christchurch PO Paul Ormandy Wellington
 JW Jim Webb Manakau JS Jack Searle

SHORTWAVE BANDWATCH

with BARRY WILLIAMS of Auckland



Where are all those loggings? Without Cecil Symmes' regular list it would be lucky if we filled the first page this month. Only 11 contributors this month so lets hear from you other chaps.
 Of interest this month is Brian Marsh's logging of the new Portuguese station Radio Renascenca on 11775 khz. Would appreciate more information on this station for next months Bandwatch. Some fortunate Dxers are hearing Radio Dublin on 6290/6317 khz while the Dutch pirate on 6240/6270 has also been logged. Both fine catches.
 From my own observations the Africans on 60 metres are coming through quite well some mornings. Promising signs for better things to come.

All times are GMT Add 12 hours for New Zealand Time Frq.in khz

FREQ	TIME	COUNTRY	STATION	PROGRAM AND RECEPTION DETAILS	INITS
2340	1128	PAPUA NEW GUINEA	Radio West New Britain		KG
2450	1103	PAPUA NEW GUINEA		Radio Western Highlands	KG
3290	1119	PAPUA NEW GUINEA		Radio Central	KG
3305	1124	PAPUA NEW GUINEA		Radio Western	KG
3925	0835	JAPAN	NSB	Poor in English.	CS
3945	0835	VANUATU	R.Vanuatu	English news and weather. French 0845 Good signal. 7260 khz // poor to fair	PE
4985	0755	SWITZERLAND	SRI	French. Stat.ID 0759. Music & anncts. Poor	CS
4774	1520	INDONESIA	Jakarta	Popular Western music. Indonesian anncts.	CS
4853	1750	YEMEN	Sanaa	Stat.ID 1800. Poor in Arabic.	CS
4890	0855	PAPUA NEW GUINEA	Port Moresby	Fair in English. Stat.ID etc.	CS
4965	1735	NAMIBIA	SWABC	News German. 1750 relaying "Radio 5" ? Again audible in English. Drama & Commercials 26/1. Fair	BC
5010	0600	CAMEROONS	R.Garoua	Fair signal. French ID, tuning sig. News in English 0602 Sundays.	OC
5010	1600	SINGAPORE	R.Singapore	Music then English news just before s/off 1630. Fair signal.	OC
5026	1806	UGANDA	Kampala	Fair with English news. Voice modulation down	TM
5030	0504	VENEZUELA	R.Beloj	Full stat.ID at s/off 0506. Poor	OC
5040	0700	PERU	R.Libertad	Fair in Spanish with music. Not many IDs	OC
5955	0725	HOLLAND	RN	IS & ID German to Europe & Africa. Fair	CS
5975	0750	GT.BRITAIN	BBC	English. Music & Commentayr, Fair	CS
5995	0755	GERMAN FED.REP.	DW	IS & ID German, News 0800.	CS
6055	0810	CZECKESLOVAKIA	R.Prague	English. Fair with regular program	CS
6130	0825	ECUADOR	HCJB	English religious program, fair.	CS
6135	0750	TAHITI	Papetee	Island music & French anncts through to 0830	CS
6195	1815	SINGAPORE	BBC	Radio Newsreel, English, Fair signal.	CS
6270	0744	HOLLAND	R.Nolan International	fair signal with heavy Rock. Full address before s/off 0800. Also reported on 6234 khz at 0730 as "Radio Loren International" (Seems like same station wandering Stuart. Check with Steven for full address. Ed.)	SG
6290	0630	IRELAND	R.Dublin	good on this frequency. changed from 6317 sometime between 19 & 25/1. SG / Old pop tunes & English anncts	SG
6317V	0800	IRELAND	R.Dublin	Time signal and news. AC / 0700 Pops and some Commercials. Chimes & news headlines 0800.	PE AC SG

FREQ	TIME	COUNTRY	STATION	PROGRAM AND RECEPTION DETAILS	INITI
7150	0615	Gt. BRITAIN	BBC	Fair with English news commentary	CS
7165	1534	ETHIOPIA	VORE	English news, ID 1558 then IS.	FM
7195	0600	USSR	R.Moscow	World Service news // 7370 khz.	AC
7270	0605	GREECE	VOA Kavala	Good with English news.	CS
9540	0800	USSR	R.Moscow	Good with World Service and English news	CS
9510	0615	GUAM	KIWR	Fair with "DX Log". English, Religious.	CS
9505	0330	DUBAI		testing with English news. Also on 11755 khz	AC
9495	0754	MONACO	TWR	English religious program. Good.	CS
9530	0810	usa	VOA Grenville	English commentary to s/off 0815. Fair	CS
9590	0230	BONAIRE	RN	Opens evening Service to East Coast NA.	FC
9618	1649	MOZAMBIQUE	7	Station heard here to 1700. QRM from splatter	TM
9745	0357	ECUADOR	HCJB	Answering listeners letters 19/1.	FC
9770	0733	BONAIRE	RN	"Happy Station Show" English.	CS
11637	0000	ISRAEL	IBA	Open service to NA with news. // 9815 khz	FC
11715	1400	INDONESIA	Djakarta	English news under VOA	AC
11715	0430	SWITZERLAND	SRI	English news then "Date line". 0525 Italian s/off then German. Fair signal.	CS
11720	0457	??	BBC	Announced 6005 khz Ascension then news and news of African World. French 0515. (still doubt as to location of this relay. Feeling overseas is that relay is originating from Ascension. Ed.)	PE
11720	0830	MONACO	PWR	Stat. ID in English followed by prog. Norwegian	CS
11740	0625	VATICAN	Vatican Radio	English announcements then Latin Mass	CS
11745	0602	USSR	R.Moscow	World Service, English news good signal.	CS
11755	0311	DUBAI		Arabic to 0326 then news in English. 9505 khz to Pakistan/India; 11755 khz//21700 to North America. Good.	CS
11775	1830	PORTUGAL	Radio Renascenca	Lisboa, s/on with church bell IS. ID "Radio Renascenca, Aqua Lisboa transmite..... Emisora R.....Portugesa...". Beamed to Europe. Mixed with Spain transmitting in Portuguese so be very careful when looking for this station.	BM
11790	0415	USA	AFRIS Bethany	Fair in English.	CS
11810	0840	Italy	RAI	Poor copy over Korea. Italian program.	CS
11810	1500	VATICAN	Vatican Radio	Strong in English to Asia.	AC
11825	0340	Tahiti	Papeete	Island music // with 15170 khz. Fair signal	FC
11835	0755	ECUADOR	HCJB	Poor in English answering listeners letters. Arthur Cushen quoted.	CS
11880	0516	SPAIN	RNE	Good in English, "Kalidoscope".	CS
11920	2050	CUBA	Habana	Poor in English, News, LA music. Listeners letters	FC
11945	1425	NEW ZEALAND	RNZ	IS then opening to Asia. Also hrd 0530 /	FC
11955	0610	OMAN	BBC	Masirah relay, Good with English news on Africa.	CS
15070	1510	Gt. BRITAIN	BBC	World Service, News and Newsreel followed by program summary. at 1515 /	FC
15115	1300	ECUADOR	HCJB	Goos "Morning in the Mountains"	FC
15140	1915	USA	VOA Grenville	Poor in English.	CS
15150	0800	INDONESIA	Djakarta	News frequency replacing 15200 khz. Eng.	AC
15155	0018	MOROCCO	RIM	(tentative) Arabic chants through to 0031. Poor	CS
15195	1828	USA	VOA Grenville	English ID then French to Africa, Poor	CS
15250	1930	USA	VOA Bethany	"Africa Panorama" Good in English	CS
15305	0845	SWITZERLAND	SRI	English DX program "erryground". Good	CS
15310	1700	OMAN	BBC	Masarah, English news. Good but het on freq.	CS
15325	1200	SOUTH AFRICA	RSA	Opens to NA with news.	FC
15385	2100	PHILIPPINES	AFRIS	Usual programming but suffered some jamming	AC
15320	0258	PHILIPPINES	R.Veritas	fair in English ID when RSA s/off on 15325 khz.	OC
15430	1933	USA	AFRIS	Bethany, Good with English news.	CS

ARTHUR CUSHEN'S SHORTWAVE REVIEW

(19)

Two new gospel stations have been noted this month, WORD in Lebanon and Radio Renascenca in Portugal. Two USSR stations have also been heard with short English programmes from Regional Centres, while Chris Martin supplied details of the schedule of the new BBC Base in Lesotho and information just received indicates that the test reported previously on 11720kHz originated from Ascension though listeners are puzzled how five frequencies could be operating with only four transmitters! Radio France International has announced the construction of three 500kw transmitters at Kourou in French Guiana, sharing their time with Deutsche Welle on the Sri Lanka transmitter and a new relay base in New Caledonia, while the BBC have plans for a transmitter in Hong Kong. All broadcasts from Finland will be one hour earlier from March 29, 1981.

This is part of New Zealand Calling broadcast at 0315 and 1015GMT on Monday March 2. All times GMT, 12 hours behind NZST, frequencies in kHz.

BOTSWANA: VOA will install one 50kw transmitter on medium wave at a site 350km north of Gaborone with the programmes beamed to Johannesburg. The VOA will use this transmitter for morning and evening programmes while 9 hours a day will be used for the Botswana domestic programme. Expected in June, 1981.

Radio Botswana plans to install three 50kw transmitters and these will be in operation by the end of the year and will supplement the present two 10kw transmitters. Radio Botswana has not verified any reception reports for the last four years because of duplication of reports and suspected forgeries of reports (Chris Martin).

CANADA: Radio Canada new schedule - English 0200-0230 on 5960, 9605, 11940; 0300-0330 5960, 9535, 9605, 11845, 11940; 0400-0430 on 5960, 9535 and 11845kHz.

FINLAND: Helsinki on 11735 in English 0330-0400 this frequency replaces 77755kHz.

GABON: Africa No. 1 is now operating from 0500-2300 on 4808kHz and heard best around 0600 in French.

LEBANON: The new Gospel station WORD or King of Hope on 6215kHz heard at 0550 with news in English and a programme in Arabic for listeners in Lebanon 0600-0700GMT. At 0700 they return to English programming and feature Country and Western music. Power of transmitter is 20kw.

LESOTHO: BBC new 100kw transmitter expected to test late February and relay the BBC World Service with a signal beamed 15° almost true north. The schedule is 0400-0545 9525; 0545-1430 11710; 1430-1615 7185 and 1615-2030 on 7250kHz. (Chris Martin).

NEW ZEALAND: Radio New Zealand's present schedule 1800-2150 11675kHz, 1800-0815 15485; 2155-0630 17860 and 0640-1215 11945kHz. New Zealand Calling now broadcast on first and third Monday of each month at 0315 and 1015GMT.

PORTUGAL: Radio Renascenca a catholic gospel station has been heard on the new frequency of 11745 1830-2030GMT. The signal is mixed with Moscow and this frequency replaces 11885kHz.

U.S.S.R.: Vilnius, Lithuania on 15100kHz heard with English 2300-2330 beamed to North America. Yerevan on 15100kHz has a short programme in English 0355-0400.

YUGOSLAVIA: Belgrade English broadcasts according to recent verification are 1530-1600 on 9620, 15240 and 15300; 1830-1900 6100, 9620 and 11735kHz, 2215-2230 6100, 7240 and 9620kHz.

U.S.A.: AFRIS noted on the new frequency of 11710kHz 0200-0400GMT, transmitter is at Grenville - suffers interference from Radio Argentina.

..sign off..

John Yainland left for a visit to South Africa in mid-February and, as far as we know, escaped most of the brouhaha which has been affecting international air travel in recent weeks - although he was held up for a couple of days on the other side of the Tasman due to a delayed departure from New Zealand. Anyhow he left me to deputise for him this month.

First, some notes from member Emilio Pedro Povrženić of Villa Diego in the province of Santa Fe, Argentina.

BOLIVIA - R.Illimani moved to SW on 6025 kHz in December with a good signal. Best heard from 0000 until s/off 0400 GMT. Heard at 0100 weekdays as part of national network of Bolivian stations with news. Also heard in network R.Cristal La Paz 5005 kHz and R.Panamericana La Paz 6035 kHz. ID by YL with music and announcement 'Radio Illimani, La Voz de Bolivia'. Frequencies are never given. Emilio says that when he and other members of the Asociacion DX del Litoral went to Bolivia in February 1980 they visited 39 stations in 9 cities and recorded their identifications. They were told that R.Illimani would make many changes in frequency and that there was likelihood that 6500 kHz would be used, not the 6025 kHz noted. The station is a government one and also identifies as 'La Voz del Gobierno de Reconstrucción Nacional'.

BRASIL - R.Educação Rural, Campo Grande has moved to 4760 kHz (ex 4755) possibly due to QRM from R. Emisoras, Oruro, Bolivia on 4755 kHz. Radiobras now identifies as 'Brazilian Broadcasting Co. (another BBC!) in the International Service in English. The complete English schedule of RADIOBRAS is: 1900 to Europe - 15125 & 17810 kHz 2100 to Africa- 15280 kHz: 0200 to N. America - 15290 & 17830 kHz. The station welcomes reports and offers schedules and stickers. Address: RADIOBRAS, Box 04-0340, Brasília, D.F. Brazil.

CHILE - The new station R.Emisora Nacional, Chile Chico has moved from 6260 to 6225 kHz. This confirms the reported freq. in WR1VH 1981. Can be heard around 0100 with poor reception.

② The last item from Emilio's notes on Chile are of R.Nacional de Chile, Santiago. He states that the frequencies used are actually 6150, 9550 and 15150 kHz // 1140 kHz and not those stated in the announcement.

ECUADOR - C.R.E.Guayaquil has moved to 4655 kHz but the old frequency of 4765 is still announced. Sistema de Emisoras Progreso, Loja, on 5060 kHz now identifies as R.Nacional Espejo and announces the new power as 20 kw. Reception fair around 0000 - 0200.

As a final note - The ASOCIACION DX DEL LITORAL, Casilla de Correo 83, 2000 Rosario, Argentina, publishes a bimonthly spanish/english DX bulletin covering all bands. It is edited and published by E.P.Povrženić to whom enquiries should be addressed.

LESOTHO - The mystery of the transmissions on 11720 kHz previously noted as coming from here seem to have been cleared up by Arthur Cushen's notes this month. Reports of this frequency in earlier months of a relay of the BBC were incorrect, the likely relay being Ascension as shown in the BBC's schedule.

NEPAL - reported in English at 0220 and 1440 on 3425, 5005 and 9592 kHz by Victor Goonetilleke in ARDXN.

RADIO CAROLINE - According to a report in Sweden Calling DXers the new radio ship was to start broadcasting from somewhere off the coast of Britain in January. The station was to cover a 600 mile radius covering U.K., France Belgium, Holland etc. using 60 kw and a 240 ft. mast. The ship is to broadcast 24 hours a day, seven days a week. The frequency was not given but is said to be well-above the old 940 kHz for better quality and coverage.

ZAIRE - reported on 9767 kHz between 0530 and 0630 in French. (Nobuaki Takahashi, Japan via SWDX.)

U.S.A. The Federal Communications Agency has approved and application by WRNO, New Orleans to build a private, commercial SW station. It will operate with 100kw beamed to Canada, Central & Eastern Europe, Scandinavia, and Mediterranean. The station is expected to be on the air by the end of 1981(SWCOX)