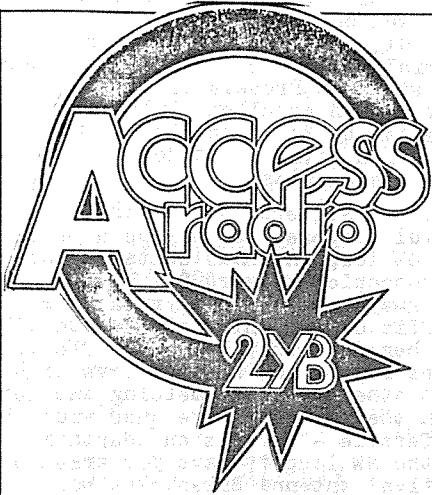




# NEW ZEALAND DX TIMES

Vol 36 No 3

November-December 1983



- \* NEW COUNTRY MUSIC SHORTWAVE STATION PLANNED FOR SITE IN SAN FRANCISCO
- \* NEW SHORTWAVE STATION HEARD FROM DARWIN
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- \* EXOTIC PERUVIAN QSL-WORLD 1st
- \* AUSTRALIAN FM SEASON OPENS UP

all this and more inside. Number 1 in the Pacific..growing better!

One of the nicest things about this hobby, is that so many people are willing to help other people get more fun and enjoyment from it! Thanks to members who continue to send in newspaper clippings, articles from magazines they've come across, and various other items of interest. This month, for instance, we have an article from Volume 1 of the Listener - courtesy of Ray Hobman in Melbourne who sent us a photocopy of the entire magazine. By the way, did you know that back in the 1930s, the DX club which eventually became the NZRadio DX League used to publish the radio magazine which later became the Listener! Our magazine may not be as glossy, but we are still around these days also, retaining that link between broadcaster and listener which is so easily lost in modern marketing situations.

Another link is the growing number of DX programs on air in this part of the world. Arthur Cushen is now heard over Pioneer Radio 4XD in Dunedin each week, as well as the three Radio Rhema outlets. Together with International Radio News over Access Radio 2YB, New Zealand DXers can hear programs over 5 outlets. Arthur is also heard over Radio Netherlands on their shortwave services, and David Ricquish is heard each month on the Talkback program from Radio Australia and mediumwave outlets in the Northern Territory.

This month, all our editors have continued to receive your excellent support. We now have such a range of sections that it is not possible to bring them all to you each issue! However, I think you can all be sure of some excellent DX reading over the summer months. In the next couple of issues, before I hand over the task of Chief Editor to someone with fresher ideas, I would welcome the opportunity to put your name in the magazine somewhere. So, if you've never sent in a contribution before, please regard this as a very personal invitation for you to do so. Any section... any comment...just make sure you put your name to it, and I'll make sure it appears over the next couple of months!

There will be a short time between when you get this issue and the closing date for the Christmas issue. I hope you'll find the time to get your contribution to us in time....the schedule is tight..but there is a lot to do before leaving on vacation. **NEXT CLOSING** is Monday 12 DECEMBER....Ladders..DX...QSLs..news...notes ...please post early to avoid mail delays folks!



Observations, comment, opinion and questions, all in the spirit of the DX hobby.

**DAVID MILLER**, 55 Falcon Street, Dunedin opens up this month with a wish that he meet other DXers in Dunedin. I'm sure someone will respond to this David. Thank you too, for the Radio Nederland brochure "Dial in the World" featuring the Bearcat communications receiver. No doubt a popular set in the U.S. where Bearcat is well known for its scanners.

**SHAYNE GARDINER**, 55 Harris Street, Gisborne is new to the hobby, and would welcome some tips for getting the most out of his ICF 2001, and FRG7. Most importantly Shayne is a good aerial. A dipole is good, and your FRG7 will 'tune' it with the Preselector stage. I suggest you look out for an excellent little book called 'Aerial Projects' by R.A. Penfold (about \$6) published by Babani which gives great detail on a range of aerials and accessories.

Auckland asks whether the chives has a complete from Vol.1. No.1. ? Barry also says: "let's s who may have in the field of other ideas he history of our proposition Barry. me interesting as loggings or QSL's go for a page of "My logging or QSL is.."

0 Mascot Street, Tawa ar from anyone with dge of the JRC

Hastings, has an Archives, and from the some interesting early gs.

presently putting tailed info on the members benefit.

eilding, tells us he a Kenwood 1000, and 0 plus a couple of eceivers. Bill has prior to 1939 from na, and Hong Kong. o history Bill !

0. Box 798, Wellington need the ATT switch on ided solely for those st have another with, and is a joke

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by the designers, as it serves no useful purpose. Has anyone a design for SW loop antennas suitable for a microscopic backyard ? I have a motorway on two sides, rush hour traffic on the third side, with all the benefits they bring the DXer. Loops may be the answer. I've tried most other types. Something smaller than the standard size quad would be preferable - perhaps an adaptation of the MW loop ? "Have you tried an 'Active' antenna Brian. The book mentioned above is a good buy - as is yours - I took your advice and don't NEED a computer !

**TIM RUSHBROOKE**, Auckland, in a most cheery note recommends some 'good buys.' Refer WRTVH 1983 P. 313. US\$80 plus tax etc NZ\$157. This is a mighty aerial which is also excellent on BC and very quiet."

Refer P.299. Gilfer Mod.3. kit. It has made a great improvement to the Yaesu selectivity and also the machine generally performs much better - well worth the money.- \$50US, no tax, airmail in 4 - 6 weeks. \$67NZ. Tim will show it off to anyone with an hour to spare in Auckland. (But then there's no address on yer sheet Tim.)

**PAUL ORMANDY**, Oamaru, wonders if any member is using a computer in conjunction with their DXing. "Ideally I'd like to load in stations as I hear them, then press a button and run a printout in frequency order." (My comment next month Paul...)

TV • FM DX

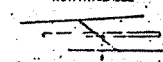
With PAUL RAWDON of Eastbourne

YAHOO, summer has finally arrived between 0455 and 0740 UTC on Tues 15/11 the first opening to Aussie took place. Tasmania was in the limelight with 7ABC 93.9 MHz 50Kw and 7HFC 103.3 MHz 3Kw in at extremely good levels. At various intervals both were heard in stereo! ABT2 Hobart was also there on NZ Ch3 (Ch2 in Aussie) but at my QTH only a weak intermittent picture and no sound was received. The sound was audible at a good level on a JIL SX200 Scanning receiver on 69.75 MHz. This was the situation here in Eastbourne, over in Plimmerton, the stations were also audible but fadeout occurred by 0720 UTC. According to a report in the Dominion on 18/11 the Broadcasting Tribunal will be calling for applications for a commercial FM station to serve the Wgtn area with applications closing on 16/12. The hearing is due in March '84. (P.Rawdon) 2GNT who were next due on air for another test period in Dec has applied for a postponement to April next year. (Jack Searle) Now to a fairly lean mailbag:

**Brian Webb, Upper Hutt** has a QSL from I MJK 91.4.

Aust/NZ TV Channel Conversions		Sound Freq
Aust	NZ	Aust
0	1	51.75 MHz
1	2	62.75 MHz
2	3	69.75 MHz
3	nil	91.75 MHz
4	nil	100.75 MHz
5	nil	107.75 MHz
5A	nil	143.75 MHz
6	4	180.75 MHz
7	5	187.75 MHz
8	6	194.75 MHz
9	7	201.75 MHz
10	9	214.75 MHz

HIGH GAIN FM RADIO AERIALS NOW AVAILABLE



\$97.50 All Prices include freight. Send name and address plus money order or cheque to:

ABC PRODUCTS, 6 Dunbeath Street, Blenheim, NZ. Telephone 22-109

In most cases, there is 1-2 MHz difference to the NZ frequency. Well within the scope of an NZ TV set.

RNZ has been granted a short term warrant to put the Concert Programme on FM in the Hawkes Bay region. Frequency is 89.7MHz with a power of 500 watts. Will be on air from 21 Nov to 31 Jan '83/'84. During this period, 2ZK Apple Radio in Hastings will drop its night time and weekend relays of the Concert Programme and will feature an alternative music programme for the region. The 4 station service of the Concert Programme costs RNZ \$4m per year to run and if the Tribunal grants a Commercial FM station the income is expected to be in the region of \$400,000 per year. (D. Ricquish Int.Radio Nw 20/11).

## Radio stations get FM licences

PA Wellington

FM licences have been granted to two radio stations to work in Walkato-Bay of Plenty and Hawke's Bay, the Broadcasting Tribunal has announced.

Walkato-Bay of Plenty FM, Ltd, owned largely by Independent Broadcasting Ltd, which runs Radio Walkato, will provide a 24-hour music station centred on Hamilton, but also covering large areas of the North and into Bay of Plenty.

Radio Hawke's Bay, Ltd, 25 per cent of which will be owned by Hawke's Bay News, Ltd, publishers of daily newspapers in Hastings and Napier and a number of other community newspapers in the area, will run a 24-hour music station covering a large part of Hawke's Bay, including Napier and Hastings.

IBC would surrender the warrant for the AM Radio Walkato station within two years, the tribunal said. Radio New Zealand's commercial network man-

ger, Mr J. A. Douglas, opposed the Walkato application, heard in May, saying that AM operators in Hamilton, Rotorua, Tarananga, and Tokoroa would be faced with a frightening array of new competition "and all of it being established in great haste without full consideration of all the implications."

Mr Douglas said that the new station would spread a very strong signal over a large part of the North Island and could have a profound influence on the New Zealand radio scene.



Tempted to buy or build an FM Radio Antenna? If so, read on... Fred Humphries has sent the following... So you want to do some FM DX, like to listen to Australian FM or exotic New Caledonia, Fiji or Cook Islands? To do this, you will need a good antenna mounted outside, the higher the better and as far away from traffic and powerline noise the better. You have several choices:- 1. A home made antenna as shown, 2. A commercially built one, 3. A multi channel TV. Can be picked up second hand. Wire it up using 300 ohm ribbon erect it and point in the general direction of Australia etc. For best results, you will probably need a mast head amplifier but may also boost noise as well. Cost in the region of \$120 retail. WHEN TO LISTEN: Around the middle of the day and early to mid evening are normal times for openings but can also occur at other times too. Tune SLOWLY up and down the FM band 87.5 - 108 MHz. Best time I have found is around 3.00pm to 3.00am the following morning. Listen very carefully for a pulsating signal which may come up or fade out especially when a large intense Anti-cyclone dominates the Tasman. Watch TV weather maps for an idea of what conditions will be like.

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fast approaching; the snails are feasting on my tomato plants and re feasting their eyes on the pole beans. But we have a bumper crop this month, including two new ~~ones~~ Kees de Haas, and Garry Blayney. Siamese, will curl up in my lap instead of on the notes we shall

rom the middle reaches of the Wanganui River) has received verifications Tachira 4830, CHNX 6130, and Estacion Dos Mil, Rioja Peru 9988. ly working as a Botanist with Lands and Survey, which leaves little although he is following up some old reports. Any hints on growing a home gardens, Paul?

apamoa) has one QSL from Radio Nederland. Welcome to the column, Kees. Michael Pollard, Shortwave Bandwatch, on a separate paper to the DX I have some forms to post to you. As many of the stations broadcast a frequency we need the frequency verified on the QSL. Thanks. By s pronounced "case" and is short for Cornelius.

Kelly (Nelson), using his Yaesu FRG 7700, has had a harvest of QSLs : BRT 11620, Prague 11855, Bucharest 11830, REE 11880, Pyongyang 11830 pest 9835, Taiwan 17690, Tirana 9480, NHK 15235, Teheran 9022, RFI 7135 Polonia 7270.

Wasterton) has received five verifications from ORF 6155, 15270, 15560, 3958 (QSL no. 228), and Radio Bras 15280.

u (Invercargill) has QSLs back from Paraguay 9735 (country 131 - congrats), and a pennant, and Bremen 6190.

Wellington) has a verie back from KNLS 11820, using a Kenwood R1000, and results when the antennae are operational. Welcome, Garry. You mentioning minds me of the salesman's story when I got my DR-49 second hand. The took home the set, plugged it in, and had a fit of rage when he couldn't He evidently didn't realize it needed an antenna. Anyway, he swapped the set for a video recorder.

ith an enigmatic remark about Dunedin) has received QSLs from Radio dio Moscow 12075, Radio Canada 9755 + pennant, Radio Sweden International cker, UN Radio 11740.

(Thames), using a National Panasonic DR-31 receiver has verified Voice 95, SRI 21520 + sticker, Voice of Greece 9865 (whatever happened to mine, TWR Monte Carlo 11690 + pennant + 17 used stamps (jackpot!), R. Tashkent ards of Tashkent, R. Kiev 11720. Thanks for the letter, Chris. Does anyone w of any radio fiends in Thames, that Chris could meet?

(Elenheim) had a friendly postie deliver QSLs from APRTS 9590, ABC Perth 5 + cloth pennant, Radio Bucharest 11830, AIR 17875, Radio Malaysia 7295, 11665, REO Argentina 11710 + pennant.

Noel Parry (Invercargill) reaped the following over the past 2 months: R. Tachira 4830, KNLS 11820, KBS 6175, R. Impacto 6150, Honiara 9545, Beijing 11600 + car stickers, RAE 11710 + pennant, Sweden 9695.

David Hughes (Palmerston North) has verifications from Falklands 3958, Prague 11990, WRNO 11965, VOFC (via Okeechobee) 5985, and Kampuchea 11938. Thanks for the encouraging comment, David. Regards.

John Mainland (Wellington) opened his mailbox to find QSLs from RCI-Sackville 9755, 17875, RCI-Daventry 6170, RCI-Sines 15160, Baghdad 21585, and Douala, Cameroun 4795.

Jack Searle (Hawkes Bay) in a friendly letter reports of receiving veries from Portugal 9605, R. Kiev 11720, Voice of Greece 11645, Voice of the People of Kampuchea 11938, Yerevan 17900 (country no. 151 - I had to get the atlas out to find where that one is). Hi! There seems to be about equally divided opinion on reporting loggings so I'm kicking around some ideas to include in the column. I wholeheartedly agree with trying to add some personal comments in the notes, that is why letters in each month help so much. Sounds like a nice set-up in the radio room. Regards. NB: It's "Mrs".

Paul Ormandy (Oamaru), being busy with Broadcast DX and "ute" listening only verified KNLS 11820 and R. Imagen 5035. Hi! I hope to start listening to the broadcast bands soon, when I get around to building a suitable antenna. The replies I've received to dropping the loggings are running almost on 50/50, but I hope to make a decision by next time around. Regards.

Arthur Cushen (Invercargill) had a bushel basket of QSLs from Taipei 17890, WRNO 6185, R. Huancayo 5955, XEJN 2390, R. Ulan Bator 12070, 6380, 9575, Korea KBS 5975, Norway 26025, Poland 7145, TWR Monte Carlo 7160, Turkey 11755, R. Bras 15280, KTWR Guam 15240, and Czechoslovakia 11970.

Brian Webb (Upper Hutt) has veries in from ORU (BRT) 5895, 9880, 11620, 11625, 15570, Australia, Shepparton 7135, Austria ORF 12015, Nicaragua 5950, R. Kiev 7320, 9560, 11720, 15180, 17860, 17900, Lesotho BBC 9515, RFI 7135, NHK 15235, 17785, VOA monrovia 6035, VOA Phillipines 9575.

## BEST OF THE MONTH

As noted in last month's AGM report (Y'all did read it, didn't you), the method of selecting winners in the Shortwave Best of the Month competition undergoes a significant change from this month.

Barry Williams and Bryan Clark (Hello) of the League Competitions Committee will be selecting winners from all QSLs submitted to the Mailbag each month. Whereas past awards have been made according to the League points system, and only from members who submitted an entry, all QSLs will now be eligible and awards will be made on a subjective basis. Winners will be announced in the next issue of the DX Times.

All right, Mu, you can jump down now.

welcome once again to the SW QSL Review after a couple of  
 ns absence and once again we have a bag full of goodies. Alaska  
 s to be answering well and Brasil features this month along with  
 exciting veries from Peru, one very seldom reported and another  
 r may well be a first, at least possibly outside of Peru anyway.  
 et's get right into and reveal the details and hope that they may  
 some others obtain some of those elusive QSL's.

he New Life Station', Anchor Point. Cyclostyled form letter (JS)  
 for rpt on 11820 kHz. Recd in 29 days by air with program  
 and other info. V/s Francis M. Perry, Dir. of Engineering.  
 0 kHz same style verie in 10 days for no Rp. Same V/s (RJ)  
 0 kHz same in 3 weeks with sched and personal note. (DL)  
 ress: KNLS, P.O. Box 473, Anchor Point, Alaska 99556.

arecida, Aparecida 5035 kHz. Verie card with f/d for PP rpt (PE)  
 in 4 months. Cd shows studio building. 6010/9635 kHz also  
 t only 5035 veried on cd.

ltura de São Paulo. 6165 kHz. Short verie letter in 4 months (PE)  
 pt, pcd & NZ stamps. V/s Engº Olimpíio Jose Francé - Coordena-  
 Engenharia. Also sent 2 PP fact sheets, stickers and brochure  
 & TV concerns. All time best response from a Brazilian. (PE)  
 cional de São Gabriel de Cachoeira 3375 kHz, Radio Nacional  
 inga 4815 kHz, Radio Nacional de Cruzeiro do Sul 4765 kHz.  
 verie letters for each station recd in 3-4 months from V/s  
 a Carneiro de Matos for separate rpts in PP with pcds & NZ  
 ll sent to Radio Nacional in Brasilia. ( Some very nice veries  
 ul. Great effort as usual. Ed.)

Australia Carnarvon 6035 kHz, Shepparton 21650 kHz. Regent (BW)  
 bird card with f/d on reverse in 10 days.

Buenos Aires 15345 kHz. Blue/Blk/white logo cd with f/d (BW)  
 ritten on reverse together with Malvinas stamp. V/s Roxana  
 i in 1 month for EE rpt.

re. F/d cds in average time of 3 weeks: Blue/white/blk logo (BW)  
 6225 kHz; The Congress Column (painting) cd for 11625/15590  
 e Royal Minttheater (painting) cd for 17550 kHz.

John. Newfoundland. 6160 kHz. Dark blue folding cd with (OC)  
 p of Canada & extended larger map of Newfoundland. Also sent  
 's guide book. Recd in 1 month for pendant, pcd & stamps.

adio Beijing. 9860, 11500, 11515 kHz. Several cds including (BW)  
 unning Lake photo, Autumn View Great Wall, Happiness Canal  
 older all with f/d in 2½ weeks. Also sent station stickers.

Macarena, Villavicencio. 5974 kHz. 2 page verie letter from (PE)  
 e Zambrano Nieto, Gerente, together with fact sheet, Todelar  
 sticker, silver sticker 'La emisora de los llaneros', pcd,  
 t brochure 'Colombia-Llanos y Amazonia'. Recd in just under 2  
 s for SS rpt, pcd & NZ stamps.

Sur Colombiana, Nieva. 5010 kHz. Verie letter in 2½ months (PE)  
 f/up rpt with pcd & NZ stamps. V/s Maria Christina Andrade  
 ia, Gerente. (Nice one again Paul. Ed.)

: FIBS, Port Stanley 3958 kHz. Verie No. 79 in 4 months from (PE)  
Jeanne Sheridan with fact sheet for 3 IRC's & 2 pcds. Rpt  
 sent registered. Long delay in transit but postmarks unread-  
 able. Now have all S.American countries verified. (Nice going!)

IC REP.: Radio Berlin International. Various cds in average (BW)  
 time of 2 months for freq's: 6040, 7300, 9560, 21540.

na. f/d cd with blk drawing & tangerine lettering for 11840 kHz  
 for EE rpt & 3 IRC's. (BW)  
 9515 kHz. Tower cd with f/d in 2 months. 6

**INDONESIA:** RRI Banjarmasin veried with old verification cd still (PH)  
 with YDO callsign listed. Recd via registered mail in  
 5 weeks. (Percy what was the frequency? Did you write  
 in Indonesian. Please send more complete info on your  
 QSL notes next time. Tnx. Ed.)

**SW QSL**

**JAPAN:** Radio Japan. Various colourful f/d cds in 2 weeks for (BW)  
 11875, 16235 & 15300 kHz.  
 NSB. Tokyo ' Super Wave-Radio Tampa ' JO26 6115 kHz (JS)  
 Colourful 1983 Cd depicting headset floating in space over earth. F/d on  
 reverse in JJ/EE. Recd in 3 months for EE rpt & 2 IRC's.  
 NSB. Tokyo. Same f/d cd for 3925, 6055, 9595 kHz in 3 months. (BW)

**KAMPUCHEA:** Voice of Kampuchea. 11938 kHz. F/d form letter recd by air for a (JS)  
 f/up rpt of May 1982. V/s Som Kim Suor. Requested further reports.  
 4 attractive stamps, well worth the wait. VOK. 11938 kHz. f/d form  
 letter verie with f/d in 18 months for no Rp. (RJ)

**LIBYA:** SPLAJBC. Sabrata 11816 kHz. Letter verie from Mohammed Sweidan - (PE)  
 Director of European Branch Office of SPLAJBC (This Malta office is  
 actually the information section of the Libyan Arab People's Bureau)  
 Recd together with long program schedule, fact sheet on Libya and  
 Declaration of the establishment of the authority of the people ' In the  
 name of Allah' !!! plus a report form. All in 5 months for a f/up rpt  
 sent to: Box 17, Hamrun, Malta.  
 SPLAJBC 11816 kHz. Form letter verie with date, time and freq., apolo- (JS)  
 gising that QSL cds are out of stock, but being printed. Rpt sent to  
 Tripoli but verie came from the Malta address.  
 SPLAJBC. Sabrata 11816 kHz Same form letter verie received via the (PH)  
 Malta office for rpt sent to Tripoli address. (Nice going Percy. Ed.)

**MARIANAS:** KYOI 15405 kHz F/d grey & white cd in 6 weeks for rpt sent to (RJ)  
 Box 1629, Kanoga Park, CA 91304. However QSL posted in Honolulu with  
 transit time of 10 days from there. (Nice, but strange address! Ed.)

**PORTUGAL:** Adventist World Radio, Sines. 9605, 9670 kHz F/d selection listener (BW)  
 designed cards in 1½ months plus 'Special QSL' datestamp for AWR week.

**PAPUA/NEW GUINEA:** Radio Daru. Verie recd from Margaret Tabua a Provincial (PH)  
 Admin. Officer. (Again freq. Percy? More info please! Ed.)

**PERU:** Estacion Dos Mil, Rioja. 9988 kHz. Long verie letter (DL)  
 in SS, Ppcd, schedule received in just under 2 months  
 for a SS rpt after earlier report sent to Puerto  
 Maldonado in error. Letter said that station had 7  
 workers, a power of 12 watts but planned to go to 50  
 watts. Address shown in insert. (PE) (Excellent verie Paul, must certainly  
 be the Latin highlight of the year. Possibly the first QSL from this  
 station, at least outside of Peru. Wonder is Juan Condina beat you to it  
 or not. Ed.)

Radio El Sol. Lima. 5970 kHz. Friendly verie letter in SS together with (DL)  
 Ppcd card signed and stamped, all from V/s Gabriel Miro Quesada O. Dir-  
 ector. Station is known as: ' Radio El Sol Promotora Siglo XX. S.A. '  
 Verie received in 4 weeks with the help of the New Zealand Embassy in  
 Lima. Radio El Sol said that they had in fact completed a Tarjeta and  
 mailed it to me, but as I had noted the postal services in that part of  
 the world can be erratic. ( Well what more can I say!)

**SURINAM:** SRS Paramaribo. 4850 kHz Verir ltr from v/s Ms. Haidy Karg. (PE)  
**VANUATU:** Radio Vanuatu 7260 kHz. F/d Slit Gong cd from V/s Peter Salemalu. (DM)

**YEMEN PDR:** Pink f/d Card in EE from M.S. Moosa for rpt on 6005 kHz. Recd in (PH)  
 3 months. Requested rpts on their evening transmission 1100-2200 UTC.

Thanks to this month's contributors: Owen Cullen - Maungataroto; Paul Edwards -  
 Wellington; Percy Hurley - Auckland; Ron James - Wellington; Dene Lynneberg -  
 Pukerua Bay; Darren Morris - Apia, Western Samoa (Welcome Darren. Ed.); Jack  
Searle - Haumonga and Brian Webb - Upper Hutt.

# Your Cushen's Shortwave Review

light Time has resulted in many European signals being heard on us until late in the evening, while daylight reception of that part of the world are at their weakest. English from been heard for the first time with a local news programme on his powerful relay base in Siberia. All times are GMT, 13 hrs light Time, and frequencies in kHz.

back, the new programme replacing Spectrum, has been retimed Friday 0300, 11885kHz; 0400 15240; 0915 6045. Saturday Sunday 0210 15240, 17715; 0730 15415, 17715; 2110 15240, frequency and schedule changes: 15410 0800-0910; 15275 (new) 0 2100-0800; 5995 0800-2000 and 7205 0900-1730.

heard from RCI up to 0430 on 9755 but on Sundays 9535 has nmission. Excellent reception to 2300 on 9760 of news. tion BPM has moved to 15010kHz and heard well with Chinese 829 and 0859 preceded by morse ID.

rance International is testing to South East Asia 2230-2400 on , the latter giving best reception.

BBC World Service has extended the low frequencies to the and 7150 now close at 0915 as does 9510, 9640 and 11955kHz. eekly programme for the shortwave listener Monday 0915 on 100, Wednesday 0430 and 1735. I will be contributing a talk BBC signals in the South Pacific in an upcoming programme.

Lebanon, Beirut heard in English 0230-0300 then sign off 0330 asirah. Post Office has returned reception reports stating service to Lebanon at present.

uayacocotla 2390kHz 500W letter verification gives schedule 0100. The station is an educational and cultural broadcaster tion is signed by Jesus Maldonado G., Coordinator, opens 1200.

ncayo confirms reception with a letter, gives call OAX-4P 50kHz. Verification from Juler Valdiglesias C.

Renascentia Lisbon heard in Portuguese to Brazil 2330-0130

A, Box 234, Seychelles has English 0400-0500 Saturday/Sunday on Now verifies reports - in the past would only confirm reception target area.

weden's transmission to New Zealand in English 1100-1130 and t in Swedish 1000-1030 remain on 17820kHz, following discuss- h Telecommunications that the suggested frequencies of 15305 not prove suitable, due to severe interference which would be hannels. Further changes effective Nov.10 17850 (ex 15285) 0 (ex 21615) 1400-1530; 17710 (ex 17790 1700-1730); 11710 2330.

ok, Siberia has added a news bulletin on Saturday 0847-0852 ion for the Russian fleet from Pacific Ocean Radio Station. roadcast in English and the station opens and closes the h its own ID and that of the names of the news readers. The been heard on many frequencies with 17870 and 21530 providing On some Saturdays English has not been broadcast and has been sic. Identifies in Russian as "Radiostantsiya Tikhii Okean", ding and before close down at 0900GMT.

in Spanish up to 1400 sign-off and heard with English closing 6040 and 9540kHz.

# Shortwave Report

With JOHN MAINLAND of Wellington

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NZ/BBC St John's Anglican Cathedral Choir in Napier has been invited to represent New Zealand on a special BBC World Service Christmas programme. The choir will sing two carols as New Zealand's contribution to the programme "30 Minutes of Carols from Around the World". Evening Post 12/10

JAPAN/PORTUGAL Relay Transmissions From Sines of Radio Japan's EE/JJ General sce from 6th Nov are: 0700-0730 15130, 2200-2230 9580. via NHK

AUSTRALIA It seems that since last weekend the shortwave tx located in Sydney, which relays the ABC domestic sce on 6090, has gone off the air. The tx will be off the air indefinitely since the tx is very old and necessary spare parts cannot be obtained at present. RN MN 13/10

GABON Africa Number One has introduced two daily relays of their programmes intended for listeners in France: 0500-0700 15405, 1100-1300 21485. RN MN 13/10

DOMINICAN REPUBLIC The commercial sw radio stn Radio Earth, which hires air time from Radio Clarin, has been forced to move from its initial base in the Netherlands Antilles. The address is now: Radio Earth, P.O. Box 69, Miami, Florida 33243, USA. RN MN 13/10

SEYCHELLES FEBA is now verifying reception reports from all areas of the world, contrary to their previous policy of target areas only. ORF DX 16/10

VOICE OF TURKEY fq changes wef 30th Oct: 0900-1000 AA 9670 ex15140; 1400-1430 exFri Chinese 9560 ex17865; 1400-1430(Fri) Chinese 9560 ex15435; 1430-1500 RR 9560 ex15435; 1500-1600 AA 9670 ex9730; 1600-1700, 1800-1900 Greek 6040 ex7155; 1700-1800 Azeri 5955 ex11820; 2200-2300 EE 7215 ex 9515; 2200-2300 EE 9560 ex11755; 0300-0400 Azeri 7130 ex7205, 5975 ex9670; 0300-0400 EE 9560 ex11755, 9730 ex 9670. VOT DX 23/10

USA Further to the previous item on Radio Earth, as of 1st Nov they will be moving to WRNO Worldwide in New Orleans. The broadcast will be 0400-0500 on 6185. RN MN 20/10

AUSTRALIA A stn in the Northern Territory is on sw with SSB, it is VJY in Darwin. This stn is relaying the ABC news from 8DR in Darwin, it is on the air daily 0900-0915, 2145-2200 exSat and 2245-2300 Sat only on 6840 SSB. The id is 'ABC Territory Radio'. RN MN 20/10

NIGERIA Monitoring observations since 13th October show that Radio Nigeria is testing a new transmitter and fq for its proposed Educational Service. Test bcs were heard on 4932 with a transmission span of 0500-2400 (local time) announced. At times this new channel operates in parallel with the Radio Nigeria Lagos sce (on 4990) to carry news bulletins. Reception reports are requested to be sent to: General Manager, Educational Service, Radio Nigeria, Ikoyi, Lagos. BBC MS 20/10

TANZANIA Radio Tanzania reported on 17th October that the Voice of Tanzania, Zanzibar, expected to start external broadcasting after the completion of a shortwave transmitter next year. The Zanzibar Director of Information & Broadcasting said that a 50kW tx was being built on the outskirts of Zanzibar town with a loan from the People's Republic of China. The first bcs would be in EE & AA. BBCMS

CYPRUS The BBC is to set up a new 250kW tx for operation at their relay base on Cyprus. The new tx will operate on 6180, 15420 & 17885. S. Helldt (PRG) SCDX 27/9

SWITZERLAND Swiss Radio International is using three out-of-band fqs effective 6th Nov: 2045-2245 15570; 0600-0645 12030; 1815-2030 12035; 2045-2245 12035. via SRI

BOTSWANA It can now be confirmed that the test transmissions reported over the past couple of months from Radio Botswana were from a new 50kW tx, it was officially commissioned on 3rd Nov and is now scheduled daily 0500-1500 on 7295. A further three 50kW shortwave txs will be added by the middle of 1984. RN MN 10/11

PAPUA NEW GUINEA From DX Australia we see a clipping originating in the New Guinea News that the National Broadcasting Commission is planning to build a 100kW shortwave tx costing six million K. World of Radio (WRNO) 12/11

PERU A new stn is Radio Concordia, Arequipa at 0930 on 9580. Ralph Perry (Texas) heard it at 0902 on 9579.5. WOR (WRNO) 12/11

VENEZUELA Radio Mundial 5050 in Caracas is back, first noted 30th Oct 0353 past 0500. WOR (WRNO) 12/11

GUAM KTRW changes 6th Nov: Mandarin 2200-2315 11845, 2230-2400 15165, 2300-2400 15265, 1200-1500 9535, 1425-1500 11820; RR 1000-1030 9585; EE 1500-1600 9505. KTRW DX 12/11



	CT
PERU RN- Lima. Sweet music, clear.	CT
U.S.A. UNITED NATIONS R. (Delano). World nx & cntry to Asia	MS
CANADA BBC Sackville. Stock exchange report. U wk. heavy QRM.	NS
ITALY RAI. Good s/on in EE //7255 fr & 11800 inaud.	JS
BRAZIL R-Excelsior. U wk sig. PP. Sports. Tentative log.	OC
PORTUGAL Lisbon. ID & nx in EE. moderate QRM.	AE
WEST GERMANY DW. EE nx & Panorama to Asia. Good.	SS
USSR RM N.Am svce. Good in EE //9765.	JW
SPAIN SFR. Exc in EE. "Panorama".	DM AE
LIBERIA VOA. Talk in EE on baseball. Top 20 mx. Loud & clear	MS
MARIANAS KYOI Saipan. EE pop mx. bad QRM.	SS
POLAND R.Polonia. Nx in EE. cultural prgm. Fair signal.	AE
FRANCE Paris. Testing to SEAsia 2230-2400 //7205.	ATC
GERMANY RFE/RL. Hx & mx. Very strong. VL anncr.	NS
CUBA R.Havana. ID & Nx in SS. Fair signal.	PF
W GERMANY DW. Mx. OM & VL in GG. Fair, clear signal. //11795	NS
SINGAPORE BBC Kronji. R-Newsreel. good but heavy QRM-N.	NS
EGYPT. F/S in Arabic. Mx. //11715 & 9740. Poor.	NS
IRAN Bagdad. Nx in AA to Europe. Good signal.	NS
BULGARIA R.Sofia. News in SS. good level.	JS
UNITED STATES VOA. EE nx & Magazine Show to Eur. Gd sig SS	NS
WEST GERMANY DW. Nx. beer fest. Clear. CdH TR	
SPAIN SFR. ID & news in EE. Good signal.	AE
NETHERLANDS Happy Station. Mx. good prgm & reception.	NS
USSR RM (Alma Ata). Mx. EE anncmt. //11992.12000.6125. Clr NS	NS
FRANCE RFI. ID in FF. mx. chat. Clr but weak.	NS
ISRAEL Kol Israel. UG in EE with news. 1710	DM
HUNGARY R.Budapest. Int-sig. ID. anthem. Fair, little QRM.	NS
VIETNAM Vov. Hanoi. Martial mx. ID. Strong but distorted.	NS
1030 Closing ID in EE. strong. AE: 1110 Prgm on Hanoi. vs. PP	
GREECE Athens. Good in GG & Turkish to M'East.	JS
CHINA R.Beijing. Nx in EE. ID. sports nx.	TR SS NS
GREECE VOG. Continuous Gk music. Very good.	AE
MORUCCO RTM. S/on anncat. short news bulletin in AA	ATC
KUWAIT. Strong in Arabic //9480.	JS
CUBA R.Havana. VL gave ID in SS. Strong. NS. 0930 New out-	
band channel. Good w/news in SS over R.Netherlands.	BC
INDIA AIR Delhi. ID & news in EE. Good signal.	AE
BRITAIN BBC WS. Mostly talks in EE. Signal weak but clear.	NS
N KOREA R.Pyongyang. Special prgm in EE on murder in Burma	TR
CHINA R.Beijing. Talk on architecture.	CdH
INDIA AIR. Weak with vocals.	BS
BELGIUM Brussels. ID & sports results in EE. fair level.	AE
EGYPT? Chanting in Arabic. Poor.	BS
USSR RMWS. Prgm on Polish-Soviet alliance. Good in EE.	JW
ARGENTINA RPE. ID & news in EE. Strong. AE 0100 Spec prg	TR
FRANCE Paris. S/on in FF to Africa. EE 0415.	ATC
SWEDEN Stockholm. Life in Sweden.	CT
SWITZERLAND SRI. Nx in EE to US. Good level.	AE
EGYPT. In EE. Poor signal but improving.	NS
USSR Kiev. Clear w/life in the Ukraine.	JS CdH
BULGARIA R.Sofia. News & ID in EE to Africa. Strong. QRM	AE
U.S.A. WYFR. Strong in SS w/90s pop prgm.	ATC
VATICAN. ID & political comment in EE. Fair strength.	AE
JAPAN NHK. ID & news in EE. Good.	AE
U.S.A. UN Radio. Gd in EE with UN nx 1510.	DM
AUSTRIA ORF Vienno. S/on. bad QRM. Good-Poor.	TR
BULGARIA R.Sofia. UG in EE with DX prgm (Mon HZtime).	JS
TURKEY TRT Ankara. ID & nx in EE readable but QRM.	AE
TURKEY. Fair in EE. (so which freq fellows?)	JS
AUSTRIA Vienno. Nx & cntry in EE. Good.	PF
U.S.A. AFRTS. ID & nx. QRM & QRM. Fair level.	AE
CZECHOSLOVAKIA R.Praha. ID & sports in EE. Strong sig.	AE JS
ITALY RAI. Tune sig & s/on under FF lang prgm.	BS

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FREQ	UTC	STATION & RECEPTION DETAILS	INITS
11810	1540	VATICAN. EE to North Africa. also using 15120.	ATC
11820	1100	SWEDEN. S/on with news in EE. good level.	TR
11825	1515	AUSTRIA ORF. EE. "Postbox 700" 31/10. Good sig.	SS
11830	0400	ROUMANIA R.Bucharest. ID & nx in EE. Good sig, mod QRM.	AE
11835	1045	SRI LANKA SLBC. ID, nx, DX 1100. Strong. QRM.	AE
11840	1950	SPAIN REE. Good. EE news at 2000.	BS AC
11890	0830	PHILIPPINES FEBC. Mailbag Fri. Strong signal.	SS CT
11900	1115	MARIANAS KYOI Saipan. ID & rock'n'roll mx. Strong	AE SS DM
11905	0350	ITALY RAI. ID & nx in EE. Good. little QRM.	AE
11910	1530	CANADA RCI. Nx in FF/EE to Europe. Some QRM.	SS
11925	0315	PORTUGAL Lisbon. ID & summary of events in EE. Strong.	AE
11940	2215	GABON Africa #1. Mx. anncmts in FF. Fair.	PF
11955	0230	LEBANON. Mixed BBC Masirah to 0330 s/off. EE 0230-0300.	ATC
11960	2010	CANADA RCI. European svce "Army Life", vs.	AE
11960	1830	AFGHANISTAN R.Kabul. ID in EE. Good strength.	TR
11990	0300	CZECHOSLOVAKIA Praha. ID & nx in EE. moderate QRM.	AE
11995	2200	FRANCE RFI. S/on in FF. fair level.	BS
12025	0500	ISRAEL. Nx in EE. very strong level.	JS
12070	1200	MONGOLIA Ulan Bator. Excellent in EE at s/on.	OC
12085	0000	GREECE Athens. Opens to N.America in Gk.	ATC
15105	0100	WEST GERMANY DW. Nx & cntry in EE. Very good sig.	TR
15110	0730	BULGARIA R.Sofia. Nx in EE. fair signal.	PP
15115	0135	AUSTRIA ORF. ID heard. Very good level.	TR
15120	2205	VATICAN. Good in EE w/reliq prgm 9/10.	DM
15130	1930	SPAIN REE. ID in SS. strong sig.	AE
15160	0033	AUSTRALIA RA. Comments on theatre & films. UG.	JW
15170	0345	TAHITI Pareete. Tahitian mx. good signal.	AE
15175	15175	0400 NORWAY Oslo.	
15175	0400	NORWAY Oslo. ID in EE then Norwegian. Good sig.	PF
15180	0810	MARIANAS KYOI Saipan. EE popmx. good signal.	SS
15185	2235	U.S.A. WINB. Prgm "Walking in the Spirit". U 9d signal.	PP
15190	0345	MARIANAS KYOI, Saipan. Super rock JJ hits. Good.	TR JS AE
15210	2118	EGYPT Cairo. Gd in Yoroba. S/off anthem 2200	JS
15220	2033	NETHERLANDS RN. UG in EE to Africa w/Newsline.	DM
15226	2218	TUNISIA Sfax. Strong in AA on offset freq.	JS
15235	0852	JAPAN RJ. News in EE, very loud & clear.	NS
15250	0645	ROMANIA R.Bucharest. EE id. nx. 9d sig, moderate QRM.	AE
15270	2210	TAIWAN VoFC. ID & prgm sched in EE. Good signal.	TR
15290	2205	PHILIPPINES VOA. Fair with EE nx.	BS
15290	0235	BRAZIL RN. News & ID in EE, 9d. Moderate QRM. PP JW TR	AE
15300	1640	FRANCE RFI. Fair-good w/African & wrld nx.	GP
15300	0230	CUBA R.Havana. ID & nx in EE. Fair, some QRM.	AE
15300	1245	BRITAIN BBC. "Sports Roundup" in EE. fair level.	SS
15315	0215	NETH. ANTILLES RN-Bonaire. ID. SS mx. Good signal.	AE
15335	0645	ROUMANIA R.Bucharest. News in English.	PP
15385	0554	USSR RM. "Development of Architecture", fr in EE	JW
15440	2130	UNITED STATES WYFR. Prgm on Revelations.	PP
15474	2258	ARGENTINIAN ANTARCTIC LRA36 Bahia Esperanza. Pop mx, 2300 jingle theme & id. 0026 lengthy id. anthem & off. Gd on peak but very fluttery sig. BC+ Also 5/11 early @ 2203.	BC JW
15485	0636	NEW ZEALAND RNZ. Prgm on Maori culture & lang. Exc sig (!)	JW
15560	1830	AUSTRIA Vienna. ID "Report from Austria", exc sig.	AE
15575	1145	S KOREA Seoul. "SW Feedback", strong signal, QRM. (day?)	AE
		1910 EE, very good. TR. 0500 UG in EE. nx.	PF DM
15590	1930	BELGIUM BRT. DX Prgm in EE (day?-Ed) Good signal	TR
15600	2300	LIBERIA VOA Monrovia. To Brazil, PP nx. 0300 EE "Afr Scene"	PF
15890	2200	TAIWAN VoFC Taipei. AntiUSSR re 747. Clear.	CdH
17605	2000	NETHERLANDS RN. Dutch nx to Africa. Clear.	CdH
17680			
17632	0608	ISRAEL. Strong in Hebrew on this split freq.	JS
17660	1100	PAKISTAN RP. ID & nx in EE. good signal.	AE
17705	1900	NEW ZEALAND RNZ. News in Pacific relay. Good signal.	TR
17710	1045	HUNGARY R.Budapest. ID. DX prgm. Good in EE.	AE
17715	0800	AUSTRALIA RA. Exc. nx in EE. //17795. JW 0030 Fair unlist JS	JS

# RTWAVE BANDWATCH

2205	PHILIPPINES UOA. Good with English news.	BS
2330	UNITED ARAB EM. Dubai. ID. nx EE. mx. Good sig	AE JS
2130	ECUADOR HCJB. "DX Partyline" incl A Cushen. Strong.	GP AE
0700	JAPAN RJ. Very good w/EE news.	DM
1100	SWEDEN Stockholm. ID. nx in EE. Good. AE. Staying on ch.	ATC
2350	JAPAN NHK Tokio. News in EE. Good signal.	JS AE
2000	NORWAY Oslo. EE: gas exploration in Arctic.	CdH
0741	USSR RMWS. Soviet Army singing. Very good.	JW
0753	USSR RMWS. Short operatic pieces. Gd. //17880.	JW
2300	LITHUANIA SSR. Vilnius. EE "Life of Lith. People" Wed 2200. AE Also prog at 2300 in EE. Not strong but clr. //17900.	NS
0847	USSR Vladivostok. Short EE nx svce Sat. irreg other days. Mx Also heard on 21530kHz.	ATC
0621	USSR RM. More good singing. Uq signal.	JW
0806	USSR RMWS. News in EE, very good signal.	SS
0130	TAIWAN VoFC. EE history of Taiwan. GP0320 "Journey into CC Culture" in EE. Fair signal.	CC
2200	LITHUANIA SSR. Vilnius. Strong and clear (see 17880).	CdH
0355	ARMENIA R. Yerevan. End of prog in EE. ID. Irregular?	OC
0014	LIBYA Sabrata. Good in AA. clock chimes t/s 0015 then nx. JS	JS
0140	UNITED STATES UOA. EE nx in detail.	GP
0930	FINLAND Helsinki. Fin-USSR relations. Clear.	CdH
1930	UNITED STATES UOA-Bethany. News cmtry in EE. QRN. fair.	AE
0738	USSR RMWS. Jazz show in EE. very good signal.	SS
2138	UNITED STATES AFRTS. Fair w/magazine feeds to stations.	BS
0731	JAPAN RJ. News in FF. good.	SS
0215	JAPAN RJ. Nx in EE. 0230 SS nx. Very good level.	TR
0820	USSR RMWS. Cmtry on Soviet & US missiles. Very good. EE	JW
1915	CANADA RCI. News cmtry in EE. good signal.	AE
0945	SWITZERLAND ICRedCross. Prog in EE. (was this 27/9?) //15305 and 9560. Good level.	TR
0550	USSR RMWS. Musical prog, then nx in English. Fair.	JW
0300	ECUADOR HCJB. EE world nx, family life. GP. 0440 Fadeout. OC	OC

IRK! A massive Bandwatch this month from:

ie Pearce, Masterton.	OC	Owen Cullen, Maungaturoto.
Fowke, Plimmerton.	TR	Tom Rushbrooke, Auckland.
lebb, Manakau.	AE	Alister Evans, Rotorua (HI!)
Spring, Waiuku (HI 2!)	BS	Brian Strong, Wellington
s Sturgess, Rotorua.	CdH	C... de Haas, Papamoa.
Searle, Haumoana.	ATC	Arthur Cushen, Invercargill
in Clark, Chathams.	BC	Bryan Clark, Auckland.
Talbot, ...	DM	David Miller, Dunedin.
R. Peacock, Blenheim.	PO	Paul Ormandy, Oamaru.

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# LEAGUE LADDERS

Broadcast :

NAME	JUN	OCT	INC	CNT
<b>GOLD STAR (1250+)</b>				
Arthur Cushen	2575	2592	17	245
Keith Robinson	2449	2457	8	117
Laurie Boyer	1925	2083	158	121
Ray Crawford	(1730)	(1743)	13	172
<b>GOLD ACE (1001 - 1250)</b>				
Eric McIntosh	1213	1225	12	92
Robin Chambers	(1093)	(1113)	20	129
<b>SILVER ACE (751 - 1000)</b>				
Dene Lynneberg	974	(982)	8	106
<b>ACE (501 - 750)</b>				
David Ricquish	749	752	3	63
Bryan Clark	591	595	4	102
<b>SENIOR (301 - 500)</b>				
Ign Cattermole	497	501	4	30
Paul Ormandy	(473)	(479)	6	71
+John Campbell	(465)	-	-	105
<b>INTERMEDIATE (151 - 300)</b>				
Alan Gilmour	283	287	4	41
Lindsay Robinson	277	295	18	29
Jim Benzoni	259	261	2	25
Jack Searle	202	208	6	27
Paul Rawden	(195)	(199)	4	28
Mark Nichells	154	188	34	18
+Mike Smith	151	-	-	14
Andrew Gardner	151	(158)	7	13
<b>JUNIOR (50 - 150)</b>				
Steven Greenyer	(80)	-	-	27
Paul Schnell	63	65	2	9

( ) means you didn't contribute in either June or this month.

\* means you haven't contributed on the last two occasions and will be deleted next time.

Thanks to those who have contributed this time. The others of you who failed to do so, look to December to get those final totals in. I will be in England when next the ladders come out, and your new editor will be Lance Johnston of Christchurch.

A note on the bottom of Michael Williams' entry says that he has enjoyed reading the Times over the past 12 months and looks forward to the next 12 months. Yes Michael, I agree, the Times certainly has gone ahead in leaps and bounds. The 36 page issues are full of information useful to every aspect of the DX hobby. I think there are few magazines to match it!

Regards to you all,

With STUART FORSYTH of Darfield

*Stuart*

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Shortwave

NAME	JUN	OCT	INC	CNT
<b>GOLD STAR (1250+)</b>				
Arthur Cushen	5434	5473	39	245
Dene Lynneberg	2588	(2596)	8	225
Ray Crawford	2013	(2031)	18	190
Ian Cattermole	1660	1675	15	147
Bryan Clark	1407	1412	5	217
<b>GOLD ACE (1001 - 1250)</b>				
Jack Searle	1250	1264	14	150
John Campbell	1054	-	-	230 +
Laurie Boyer	1003	1006	3	129
<b>SILVER ACE (751 - 1000)</b>				
Lindsay Robinson	945	959	14	130
Paul Ormandy	(942)	(957)	15	190
<b>ACE (501 - 750)</b>				
Eric McIntosh	734	745	11	121
Alan Gilmour	(703)	748	45	130
Jim Benzoni	630	639	9	113
Paul Rawden	(614)	(617)	3	146
Steven Greenyer	(529)	-	-	145
<b>SENIOR (301 - 500)</b>				
Mike Smith	392	-	-	81+
Jack Farrow	362	(364)	2	63
<b>INTERMEDIATE (151 - 300)</b>				
Nicholas Pacey	236	255	19	75
Michael Williams	(179)	185	6	51
Arthur deMaine	156	(159)	3	71
<b>JUNIOR (50 - 150)</b>				
Paul Schnell	138	153	15	57
Mark Nichells	52	52	-	19



# AST TRAIL

L: PART ONE

anchorage, AL. Weak-fair  
 . mx mxd KSSK  
 lbuquerque, NM. Weak w/DM  
 chatting about local wx  
 cal events,  
 omer, AL. fair-gd w/id "AM  
 L" ads for Homer area. EZL  
 iudad Acuna, w/"Love 16"  
 IS not KLDV. Bad luck. MN  
 s to be prog. name.

L  
 , Iran fair once only  
 , madaniyah, Iraq, v. strong  
 k chimes on the hour  
 Egypt v. strong one morn.  
 , Iran hrd 3 times since  
 , strong 031183. Just 10Kw  
 AA once in October  
 AA w/NZer phased out with  
 ardioid array. Djibouti???  
 in Radio, once only late  
 in Italian. 15Kw!

Nicholls and Peter Chambers  
 mails. Lets see a better  
 me particularly with the  
 you to digest!

## ic Report

news about new stations and  
 plus some details from the  
 the Australian Broadcasting  
 /85 just received in the mail.

t Creek, translator planned  
 kw, no decision yet from ABT  
 translator seeks incr to 1kw  
 incoln, several applications  
 consideration for commercial  
 n, no decision as yet  
 d seeks here ex 1323

rs Towers seeks here ex 1170  
 wer increase to 500 watts  
 : granted power incr to 5kw,  
 rly 1984

w seeks here ex 1395  
 translator, power 300 watts,  
 rectional, due on air  
 ne granted here ex 1485 and  
 increase to 500 watts  
 ville, ABC regional station  
 d, power 10kw

de seeks here ex 1323 and  
 increase to 5kw DA  
 de plans power incr to 5kw  
 la translator seeks here ex  
 own programs from local studio  
 wer increase to 500 watts

1323 4GC Hughenden translator sought,  
 power 100 watts  
 1458 4LM Cloncurry translator sought,  
 power 100 watts

### DXAustralia

Australian Radio Review: As at 30 June 1983,  
 the number of AM/FM radio stations on air  
 was: 126 ABC, 137 commercial, 38 public,  
 2 Special Broadcasting Service, 12 commercial  
 translators and 2 SBS translators.

Of metro stations, 12 out of 36 made a loss,  
 compared with 14 the year before. Country  
 stations had 16 out of 98 showing a loss,  
 compared with 23 the year before. It is this  
 improvement in finances which is leading to  
 increased interest in broadcast media for  
 investment.

The two principal networks for commercial  
 radio are Macquarie Broadcasting Network:  
 2GB 2BS 2DU 2LF 2MG 2PK 2ST 2VM 2WL 2XL 3AW  
 4BH 4AM 4BU 4CD 4NA 4VL 5DN 5MU 7HO 7QT 7BU  
 7AD 7SD 2CA 8HA and Major Broadcasting Net-  
 work: 2UE 2KO 3DB 4BK 5AD 7HT 7EX.

The following stations operate 24 hours:  
 2CH 2GB 2KY 2SM 2UE 2UW 2WS 2CA 2CC 2GF 2GO  
 2HD 2KO 2KA 2MC 2MW 2NX 2OO 2WL 2ST 2WG 3AK  
 3AW 3CR 3DB 3KZ 3UZ 3XY 3MP 3BA 3BO 3GL 4BC  
 4BH 4BK 4IO 4KQ 4AK 4AY 4CA 4CD 4GC 4GG 4GR  
 4GY 4MK 4RO 4TO 5AA 5AD 5DN 5KA 5AU 5PI 5SM  
 5SE 6IX 6KY 6PM 6PR 7HO 7HT 7LA and 8DS.

During the year, 24 stations increased hours  
 and 10 stations reduced hours.

Market rankings for 1982: Sydney 2UE 14%  
 2CH 12% 2UW 12%; Canberra 2CC 37% 2CA 27%  
 2CN 24%; Newcastle 2NX 31% 2KO 29% 2HD 20%;  
 Melbourne 3AW 12% 3XY 12% 3KZ 11% 3AK 11%  
 3UZ 10%; Brisbane 4BH 20% 4KQ 16% 4IO 15%;  
 Adelaide 5AD 30% 5DN 20% 5AA 14%; Perth  
 6PM 19% 6PR 17% 6IX 16%.

Australian Broadcasting Tribunal Annual Re-  
 port 1982/83 via David Ricquish

ABC Expansion: the closure in October of  
 VLI Sydney on shortwave will result in the  
 establishment of 6 new AM ABC stations in  
 New South Wales during 1985/86 to complete  
 coverage. WRTVHN Newsletter

Australian Radio Guide: the Department of  
 Communications has published "Sound and TV  
 Broadcasting Stations 1983" listing all ABC  
 SBS, commercial and public AM/FM, VHF/UHF TV  
 stations with area served, location, power,  
 frequency etc. Cost: \$A 6. The Australian  
 Government Bookshops in NZ are local agent  
 for official Australian publications.

David Ricquish

New Zealand and lots of new stations for our  
 summertime DX and to clog up more channels  
 for 24 hours a day.

603 1XG Auckland Radio Rhema granted  
 warrant to operate with Christian  
 programs to members and others to  
 promote "Radio Rhema Week"; power  
 995 watts, 1900-1300 GMT 20/11 to  
 27/11 inclusive; some local progr-  
 ams, o/wise relay 3XG 1503

693 1XE Russell Radio NZ granted a  
 warrant to provide a community in-  
 formation service to the Bay of  
 Islands during the holiday period,  
 power 400 watts; 24 hours; 26/12  
 to 21/1/84 inclusive; some local pro-  
 grams, o/wise relay 1ZN 1026

765 2ZK Hastings Radio NZ granted a  
 warrant to provide a sound radio  
 program to Hawkes Bay listeners;  
 power 5000 watts; 24 hours; 21/11  
 to 31/1/84. During this period, the  
 Concert Program is shifted to EM,  
 allowing 2ZK to program alternative  
 program nighttime and weekends

990 2XJ Richmond Fifehire Music Co  
 Limited granted warrant as Radio  
 Fifehire to provide an alternative  
 entertainment and information ser-  
 vice in the Nelson Bays region dur-  
 ing the Christmas/New Year holiday  
 period, power 1000 watts; 24 hours;  
 15/12 to 30/1/1984

1026 1ZK Kaitiaki Radio NZ granted a  
 warrant to allow local programs  
 from this relay station; power 2000  
 watts; every Tuesday/Thursday from  
 9am-3pm NZTime between 4/10 and 10/  
 5/84; o/wise relay 1ZN 1026

1125 2XX Levin Radio Kapiti Limited  
 granted warrant to provide a 24 hr  
 local entertainment and information  
 service for the 10-44 age group liv-  
 ing in the Horowhenua region during  
 the peak summer holiday period; power  
 500 watts; 24 hours; 19/11 to 29/1/  
 84; networked with 2XK/1233 and will  
 also take some Radio NZ programs

1215 1ZE Kaikohu Radio NZ granted war-  
 rant to allow local programs from re-  
 lay station; power 2000 watts; every  
 Monday-Wednesday-Friday from 9am-3pm  
 NZTime between 3/10 and 11/5/84;  
 o/wise relay 1ZN 1026

1233 2XX Paraparaumu Radio Kapiti Limited  
 granted warrant for same reason as  
 2XL/1125; power 1000 watts; details  
 same as 2XL also.

1269 2XT Takaka Radio NZ granted  
 warrant to provide local ent-  
 ertainment and information  
 program during the peak summer  
 season; power 200 watts; 24hr;  
 12/12 to 21/1/84; some local  
 programs, o/wise relay 2ZN/  
 1341

1404 1XB Auckland Campus Radio may  
 be forced to leave the air in  
 1984 because of debts and loss  
 of transmitter site. Operated  
 from Auckland University, the  
 station claimed 30 000 audi-  
 -ence for alternative music  
 program until new FM outlets  
 came on air this year.  
 (Winston Lashley)

1530 2YP New Plymouth Radio NZ granted  
 renewal of warrant to provide  
 alternative non-commercial  
 programs for the Taranaki area  
 power 1000 watts; 24 hours;  
 15/9 to 20/6/84; some local  
 programs, o/wise relays 2YA  
 567 and 2YC 657

Details from Broadcasting Tribunal. There  
 is also a possibility of Radio NZ having  
 a summer station at Mt Maungamui, near  
 Tauranga but no other details are known.  
 (Tune In)

## Can-Am Report

570 KRQX Dallas TX ex WFAP  
 640 KYUK Bethel AK seeks here ex 580,  
 with 10/10 kw

680 KPAM North Salt Lake City UT grant-  
 ed here ex Bountiful UT, pwr  
 increased to 50kw daytime

730 KRVC Medford OR ex KBOY  
 770 KJCB Lafayette LA seeks 10/1kw  
 840 KJTA Pharr TX, new call; 50/1kw  
 990 KKIS Pittsburgh CA granted power  
 incr to 25/25kw U4

1040 WHBO Pinellas Park FL granted here  
 ex Tampa FL, ex 1050 and pwr  
 incr to 5/1kw

WKAO Boynton Beach FL granted here  
 ex 1510, power to 10/1kw

1140 KGEM Boise ID seeks 50/10kw  
 1160 KPFM San Antonio TX seeks here ex  
 1150, with 10/1kw

1180 KPUN Humble TX, new call, 1/1kw  
 1230 KKER Spokane WA ex KSP0

1260 KYA San Francisco CA seeks KOIT  
 1270 KIAM Neenana AK, new, call sought

1360 KGNW San Diego CA seeks KPQP  
 TRCA

is, A complete list of all North Americans reported to the DX Times are also a few others that although I consider to be regular, they are the ones without a time beside them. The underlined station regulars. This is a 'rule of thumb' guide and should not be taken as so far the portent of an excellent 'Yank' season has yet to contrast the radio, dust down the loop and burn those candles! Good luck!!!

Table with columns for call letters, frequency, and station name. Includes entries like 850 0930 KICY Nome, AK, VAR(Esk, RR progs.), 860 0807 KKOW Pittsburgh, KS, VAR, 1255 KTRB Modesto, CA, Blues, etc.

Table with columns for call letters, frequency, and station name. Includes entries like 1180 1130 VOA Marathon Key, FL, SS, 0951 WHAM Rochester, NY, MOR, 1037 KOFI Kalispell, MT, LKS, etc.

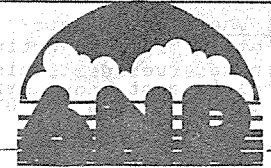
Table with columns for call letters, frequency, and station name. Includes entries like 1540 0847 KXEL Waterloo, IA, REL, 0830 KZLA Los Angeles, CA, NEWS, 1550 0900 KQWB Fargo, ND, MOR, etc.

Abbreviations used for format; C&W= Country & Western, LKS= Larry King Show, MOR= Middle of the Road, R&R= Rock'n'Roll, etc.

Just remember that as always an identification is a must for a log. Beware of the Hawaiian stations on 550, 590, 650, 690, 750, 830, 870, 900, 940, 970, 990, 1040, 1110, 1130, 1170, 1210, 1270, 1350, 1420, 1500 and 1540. The latter may have shifted to 570 by now. Also watch XERF 1570, Big Mac packs a Big signal.

New start listening and see how many of the above you can cross off. We'll run another one for 1984 so lets see if we can't fill up those gaps.

Just for the record there are 194 stations from 39 States. No excuses - get logging!



ryone! Soon it shall be Xmas greetings which means another year will close. This means we can review the year to date and plan for the year you will find The Great North American Trail of 1983 amongst these though 1983 would rate as the worst North American conditions we've had and 194 stations listed show the merit of persistent listening. That is well-known and widely experienced Invercargill DXer, Keith Robinson nights for good openings. Perseverance pays off!

ber of contributors is down but, hopefully temporarily as even though plenty time for outdoor pursuits it also keeps the shack nice and warm in wee small hours. Because the numbers are down the Trail this month in fact there were no Tasmanians reported for the Mini-Trail so your requested for the next which is to feature Northern Territories and a. That's real DX.

to dig deep so until next month, good luck, good listening and good

#### Queenstown

nth by virtue of having logged two Alaskans, KGTL 620 and KHAR 590 hailand 1575 WHAS 840 WLAC 1510 CMW 590 KKIS 990 KRKE 610 SRM 42F lies from KOFI 1180 CBJ 1580 VOA Florida 1180 KRVN 880 WNBC 660 PJB Nuutoi 540 and KRLD 1080. Also a log was made of VOA Antigua who were the invasion of Grenada. Yes its amazing how World politics brings luck the way of the DXer.

#### Invercargill

vering the last two months records varies from 3WM 2QN 2RE 2KP 7HD T 7RPH and KFRD 1370 with logs of 2XR Noumea 666 KTNQ KWKH KTOM and KCCN. Whoops! Forget the freqs. for these Yanks, 1020 1130 1380 and 1420. Good to see you getting amongst the Yanks. Plenty more soon!

#### meana

a follow-up away to ZNS-1 Nassau 1540 from Te Araroa and a QSL from made on the East Cape. Jack, if you wanted to hear ZNS-1 at midday to be in the Bahamas!

#### Opunake

re no Reports out QSL's have come in from HLSA 603 RRI Medan 855 062 KUAM 612 BBC Cyprus 720 and Monte Carlo 1467. Thanks for the good to know what is audible in the early morning.

#### Invercargill

to HJBS Punto Cinco 1490 and varies in from 4GM and 2KY. Jack tells al is strictly 'backyard' about 150ft. and 15ft high, northerly dog-leg. Keith was fortunate in picking an area of the city with se and with neighbours who go to bed early! DX-Nirvana!

#### Morrinsville

ing after the Yanks with logs of 4ZB WLAC 1510 CFCN 1060 and WHO Jack from KNIX 1580 (logged July 1981- verified by E. Schecter, Asst. ) for having lost the original report and stating that they are out the present.) and WLAC.

#### Invercargill

k from 6MJ 738 HLSR 1170 A3Z 1017 and reports out to YNGR 620 KNOM nice ones there Arthur. I'm envious of the Alaskan.

#### er Hutt

ig?) but four back i.e. 2AP 540 2XO 2XR and 200. Well that takes care for the rest. Whats the Hutt like for reception?

#### Whakahoro (where?)

s of logs (the timber kind) as Paul has taken up a job as a botanist reserves dept. This involves a lot of tramping and little time for DX. We must know where Whakahoro is as QSL's have arrived from VOA JD 610 KDWN 720 DYMR 1359 KRIO 910 KTXZ 1560 and XEG 1050. Good!

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#### Lindsay Robinson, Invercargill

Has logged from home Moscow 720 and from Tiwai, Tahiti 738 VL2NI Norfolk 1566 KNEW 910 KKON 790 WUNI 1410 WOKB 1600 WHAM 1180 WLW 700 WHAS 840 and at Oamaru (That name is familiar) KMOX 1120 and KLIF 1190. QSL's are back from 2XR 1125 CFCN 1060 and 2AP Apia 1062. Not a bad list my lad. I hope the R1000 nets a few for you.

#### Garry Blayney, Wainuiomata

Welcome! During a holiday of Japan and Hawaii Garry found time to log 2 AM stations in Japan and 27 stations on AM and FM in Hawaii using a Sanyo RP5140. So far rewards have come in from KUAI 720 and KKON 790. Good to hear from you. Great places to go!

#### Patrick Martin, Seaside, OR

Reports KSDP 840 250w. and Adak 890 to be the most regular Alaskans and has reports out to HLCN 819 KBS 558 JORF 1422 XERF 1570 DWRV 846 R. Thailand, Saraburi 891 HLCP 1035 HLCA 972 6XM (1st 2Kw W.A. station) JOAD 1125 VOA Antigua 1580 Kangnam 657 (sent via Moscow) Patrick wants to know how we get veries from DPRK as he has had no luck, presumably the mail doesn't get there. QSL's have come in from JOIC 1035 (1Kw) JOTD 1035 (1Kw) JOAD 1125 Beijing. P.B.S. 1026 4XA 531 (3rd QSL, finding the follow-ups!) 2AP 1053 (1062 ?) DXCC-828 Tuvalu 621 JOOR 1179 YVOD 780 and Portugal 1035 (country 64 verified). Good luck with Taiwan on 612. Heard KRMW 700 yet?

#### Brendon Humphries, Gisborne

In his first contribution to the DX Times tells of his equipment, i.e. CR-100 (Sanyo) receiver and 50ft. longwire with loggings of 1XP 1593 2ZB R. Fiji, Suva 558 Rhema 801 2BS 2WN 2CR 2AP Nuutoi 540 3XY Noumea 666 2CH WVUV 4XO 2NC 4QG 2UW 3WM and QSL's back from 2ZB and 2CR. You are most welcome to these pages and I hope you will report often. It is very worthwhile to build yourself a loop. See the new members kit.

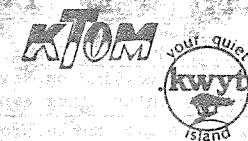
#### Laurie Boyer, Invercargill

Has been very busy putting in 60 hour weeks (your's welcome) and that is an excellent reason for not having any logs, but the Worlds hardest working postie has brought them back from CKTA 1570 1XP (f/up from May '82) KFLY 1240 KSLM 1390 KWKW 1300 Pennine Radio 1278 KEYZ 1360 and SER Madrid 810. I hope you sleep well.

#### Paul Ormandy, Oamaru

My new location continues to give excellent reception with just the loop and MOSFET booster, having logged KDKA KGW KSJB and KWFT with rewards from KRVN 880 KSFO 560 CBJ 1580 CFCN 1060 Caribbean Beacon 690 KTXZ and KHYT 1330. That takes the total to 499. Just one more for the half-thou!

Patrick Martin, Seaside OR has further news for us with reports away to KZHI 1080 RRI-Surabaya 585 KRDE 1000 KREW 1210 E. Pyongyang 657 (via R. Moscow) DWRV 846 DXRE 837 JOJF 765 JODF 684 HLCA 972 HLCP 1035 HLCN 819 R. Thailand 891 and Thailand 837. Veries back from KREW 1210 KYXE 1020 Portugal 1035 DYM 837 VOA-Antigua 1580 (country 65) JOOR 1179 JOCP 846 JOIC 1035 JOJD 1035 JOAD 1125 (all direct from stations) Beijing PBS 1026. Also wants to know how NZ DXers get QSLs back from both North and South Korea. "I always send taped reports, since I understand little Korean. I finally broke down and tried a report to R. Pyongyang via Moscow. Pyongyang does not confirm reports on SW or MW directly. I'm not sure if the mail is actually reaching N. Korea or not." Not many NZers are logging Asians these days, so it might be hard to comment. At least we know our mail is getting through, and QSLs trickle back. I doubt if anyone is in the habit of sending tapes to them though!



P.O. BOX 81300 / SALINAS, CALIFORNIA / 93912-1300

What a great morning!

1206  
**6KY**

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t there. Another month gone by, hours, Christmas in the offing as gone to pot. How do you find us, more to do around the place for searching the wave-bands? I did it, and having my sister over for four months makes it more and more to the set. I will keep the news flowing in the best to keep this section of the paper and interesting. I have this month.

Southland Branch had a very good Oct. present which included two new visitors. They were given a talk by Derek Lowe of Radio 7 of Radio Huraki) on the special stations. He presented an autographed copy of the titled "The shoestring Pirates" on the trials and tribulations of Radio 1480 Radio Huraki. I reported that he had received broadcasting stations many badges in response to his letters asking in some form with the programme Convention. He said that I will be auctioned at the Convention. DXers too have a Christmas branch are arranging a barbecue I am sure any DXer in Auckland will be most welcome with or without.

over 9mHz. Senior . Nicholasmania on 9685 kHz at 50 KW. with TWA Monte Carlo on 9495 S.W. under 9mHz Nicholas Canada on 6160 kHz at 1 KW. our meeting on Nov. 27th. our interesting report.

I contact member for this area. I received a letter from Gordon Townsend expresses his interest in DXing, and I hope that I can use a "registered" DXer. which is really not for this "Times" but arrived too late and was of great interest to us. I received the receipt by Alister Evans of Radio Baghdad. He was on 30th June and the 13th August. Not bad for a DXer on its hands.

I received a letter from David that he is most keen to see

an active branch in Dunedin. What about all the Dunedin DXers getting in touch with David at 55 Falcon St. Dunedin, and those who read the "Times" get those who do not have this pleasure to join in. David tells me of a German Intl. guide for DXers, which he says is cheaper than the WRTH, and altho' it has some short comings could be of interest to some DXers. Interested people should contact David direct about this. Thanks David for your letter and we wish you well in your efforts to get an active branch started. We will help if we can.

**MASTERTON.** Graham Pearse - yes, spelt correctly with an 's' - has written to me saying that he has not been contacted by any DXers in his area and is disappointed in this. What about Masterton DXers, let Graham know who you are and where you are, and what you are doing. Some interest must come out of such a get together. Graham tells me that he had an interesting weekend at a scout camp at Tewhiti with the Jamboree on the Air. He did some all night listening and gave the scouts an insight as to what DXing is all about. Can scouts get a DXers Badge !!!! ? Thanks Graham for your letter, keep in touch.

**PAUMOTU NORTH.** David Hughes has written to me saying that he wishes to see a DXer's group re-established in the Manawatu for a couple of years ago Leigh Morris before he went to Australia organised informal meetings, get together and DXpeditions, and much pleasure was shared by all. David asks all Manawatu DXers to contact him by phone P/N 85-147. to see what can be done. I look forward to hearing that progress has been made in this direction. Thanks David for writing, keep in touch however little news you have at times.

**SOUTHLAND.** The Southlanders were hot on the job for their October meeting, holding in the local firestation's social rooms. This by arrangement of Steven Greenmyers who works at the fire station 16 members were present, they had a good supper and then had a conducted tour of inspection of the stations sophisticated equipment. Business matters included a discussion on matters arising from the AGM at Camaru, the receipt of a letter of acceptance of the position of Patron from Mr. Peter Lanksheer, the offer to the Branch of the temporary use of the 42G mast for experimental work, and plans reported by Arthur Cushen for a DX programme to be broadcast from 4XD on Sundays at 9-45 p.m.

**Competitions.** S.W. over 9 mHz. Arthur Cushen with Oslo Norway on 26025 kHz. at 300 KW. S.W. under 9 mHz. Arthur Cushen with XEJN Mexico at 0.5 KW.

**SOUTHLAND contd.** Their next meeting is to be at 5, Wilfred Street on November 22nd. Thanks Southland Branch for your report, and look forward to receiving copies of your DX Digest as it is published. The copy that Arthur sent to me contains just the sort of news items that I need.

**WELLINGTON.** Wellington Branch held their last meeting in Silverstream with 8 members turning up and 3 members sending apologies. Apparently the weather that night was a stalking point in addition to interesting discussions on DXpedition and the suitability of types of equipment for same. The consensus of opinion was let's have a DXpedition. All those interested should contact Ron James at 4 Atua Street Johnsonville, whether it be a wish to attend or a wish to help verbally or practically. Ron reports that some unusual QSLs were tabled (are these reported elsewhere in this issue Ron) and great interest

was shown in the aerial photograph of the Tiwai listening post sent by Arthur Cushen. The meeting was good and so was the supper provided most kindly by Denys's wife, which all enjoyed before braving the journey home in the wet. Their next meeting will be on Nov. 18th at the home of Ron James, 4Atua Street Johnsonville. Thanks Ron for your report, hope to meet you later this month, but cannot make your meeting.

**Postscript from E.O.P.** I received a letter and had subsequent phone conversation with Les. Summers of Judea in Tauranga, who is interested in getting a better set, and becoming a member of our League. As he was about to go to Auckland on a visit I took the liberty of giving the address of Bryan Marsh and Tom Rushbrooke whom I thought could help him. I also asked Charlie Chester to send him membership application form. Look forward to hearing that we have a keen new member.

**EXTRA.** The Southland Branch put out a monthly Digest of local news, gossip or as they call it scandle, and have offered it to me such that I can pass interesting tit-bits on to you all. The September issue, the first that I have received contains news items of the sort that I would like to receive from all over the country over and above "business" news, viz.-- Arthur Cushen is on the look out for a good receiver with digital read-out, to which he hopes to add a voice chip.... then the radio can tell him to what station he is tuned. Richard Lobb has a new receiver, a Kenwood, lucky man. Good DXing with it Richard. Arthur Cushen has been hearing F.M. pirates in Invercargill on 80 mHz and relaying Fouveau 4XP. The Editor of the Digest says that he has been

playing with a pre-AGC superhet over 50 years old and says that it still squeals like a baby!!! a real railway radio ---- Whistles at every station. Thanks Southland for permission to copy. That is all for this month, Cheerio and good listening. 73s to all. *Lewis.*

**INTERNATIONAL DX DIARY:** this handy pocket sized diary has again been released with an international edition from the Finnish DX Press. The 1984 edition features room for all your appointments, important radio dates and national days, anniversaries and holidays. Features include items in English by Arthur Cushen on various aspects of international broadcasting, a weekly day by day listing of popular programs and space to note QSLs and names and addresses. Stocks are now available from the sole Pacific agent: Arthur Cushen, 212 Earn Street, Invercargill, New Zealand. The cost: \$6. Available in time for Xmas, and useful for all DXers as a ready reference as well as diary. *David Ricquish*

**EDITORIAL VACANCY** For personal reasons, I have had to give notice of my intention to resign as Chief Editor of the magazine from February 1984. After 2½ years, I feel it is time for someone with different ideas to have a turn at guiding the magazine. If you are interested in this position, to take effect from the March 1984 issue, please write and let me know. Experience is not necessary, but some knowledge of the hobby and enthusiasm would be welcome attributes. To ensure as smooth a handover as possible, it would be helpful if you would let me know as soon as possible of your interest so that I can send you more details of what is involved.

I have enjoyed my time with the magazine and in the process of creating something which I enjoy reading myself, I hope that members have also found the contents adding to their enjoyment of the DX hobby. Not all my ideas have come to be, but that leaves plenty of room for my successor to carry on and introduce new directions as they see fit. Thank you, all of you, for your support. David



New Zealand Radio DX League is a non-it hobby organisation founded in 1948 a foundation member of the South Pacific Association of Radio Clubs. Branches active in Auckland, Wellington, Canterbury(Christchurch), North Otago(Oamaru) Southland (Invercargill).

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join one of the affiliated clubs:  
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er DX Circle (Melbourne); DX Australia  
(bourne), New Zealand DX Radio Assoc-  
ion (Dunedin), New Zealand Radio DX  
ue (Invercargill).

RC Secretariat:  
Box 1313, Invercargill, New Zealand.

ur Cushens Radio World is on air every  
day at 1015 GMT over Radio Rhema 2XG  
Lington 1503, 3XG Christchurch 1503 and  
Nelson 801; and every Sunday over 4XD  
eer Radio, Dunedin 1431 at 0845 GMT.

ernational Radio News with David Ric-  
sh is on air monthly at 2200 GMT over  
ss Radio 2YB Wellington 783. Next pro-  
s is 18 December. South Pacific Radio  
s is heard over "Talkback" on services  
Radio Australia monthly, 3rd week.

INTERNATIONAL DIARY FOR DECEMBER 1 Portugal  
Independence Day, Central African Republic  
National Day; 2 United Arab Emirates Nation  
al Day; 6 Finland Independence Day; 9 Tan-  
zania Independence Day; 10 Thailand Nation-  
al Day; 13 Malta National Day; 16 Bahrain  
National Day; 22 Longest day in the South-  
ern Hemisphere; 25 Christmas Day.

## Marketsquare

EDDYSTONE 840A receiver for sale, the last  
of the valve models, solidly built, compl-  
ete coverage 450-30000 khz in 4 bands, well  
calibrated, has BFO and noise limiter. For  
\$120, airfreighted anywhere in NZ. Contact  
Arthur Cushen, 212 Earn Street, Invercargill  
.....CASSETTE RECORDINGS WANTED of the  
opening transmissions of any private radio  
stations in NZ. Replacement tape guaranteed  
or original returned. Please write with  
details to Graham J Barclay, PO Box 1437,  
Hastings (postage refunded).....SWAP  
X31 COMPUTER 16k plus books for a good  
communications receiver, solid state pre-  
ferred..contact Adrian Verry, 52 Athlone  
Crescent, Lower Hutt.....COMMUNICATIONS  
RECEIVER WANTED up to 30 MHz...details and  
price to DX Listener, P O Box 30046, Lower  
Hutt.

## Country shortwave

A commercial shortwave radio station  
broadcasting country music to Mexico,  
Canada and Europe is planned for construc-  
tion in the San Francisco Bay Area by Ches-  
ter Coleman, chief executive officer of  
Broadcast Properties West, and Joseph Cost-  
ello, owner of WRNO-FM and shortwave  
WRNO Worldwide in New Orleans. Costello  
would own about 75% of the venture, with  
Costello retaining the balance.

In an interview with BROADCASTING last  
week, Costello said the engineering studies  
for the 3-megawatt station have been com-  
pleted and proposals have been submitted  
to equipment manufacturers. "We are about  
to finish the legal, technical and financial  
portions of the FCC application," Costello  
said. "We hope to submit [the completed  
application] before next summer. He pre-  
dicted the new station could be on the air by  
the end of 1985, "depending on processing  
time at the FCC."

Unlike Costello's WRNO Worldwide, the  
proposed station would not simulcast por-  
tions of an existing AM or FM outlet. (The  
New Orleans station is currently on the air  
12 hours a day, rebroadcasting WRNO-FM for  
much of that time.) The new station would,  
like WRNO Worldwide, broadcast in English.

"We are exploring several different trans-  
mitter sites," Costello explained. "Cost of  
utilities is an important factor in making  
that decision. We're looking at that cost and  
the stability of that cost."

Broadcasting, October 31, 1983

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