

New Zealand DX Times

Monthly journal of the
New Zealand Radio DX League (est. 1948)
October 1998 - Volume 50 Number 12
http://navigator.co.nz/nzrdxl



ANNUAL RADIO ST HELENA DAY

STHELENA

Saturday, Oct. 24, 1998 19:00-23:00 UTC on 11092.5kHz

http://www.sthelena.se/radiosth.htm

The new Governor of St Helena has been appointed.

Mr. David Hollamby is the former Deputy Head of the Department of Overseas Territories. Mr. Hollamby will succeed Governor Smallman. Governor Smallman, by the way, will again be at the microphone during the Radio St Helena Day broadcast in October.

Cable & Wireless manager George Stevens retired

George Stevens of Cable & Wireless on St Helena has been a very important person in the development of the Radio St Helena Day. Through his support and enthusiasm the annual transmission has been made possible. Without the old faithful maritime transmitter of Cable & Wireless, the transmission could not take place. The world-wide audience of the Radio St Helena Day transmission extend a heartly "thank-you" to George Stevens.



While holidaying on the Hawaiian island of Kauai in May, Bryan Clark was surprised by this roadsign. WWVH's standard time and frequency transmissions on 2.5, 5.0, 10.0 and 15.0 megaHertz are all audible in New Zealand, but Bryan had never realised the exact location in Hawaii. The signpost, backed by sugar cane fields and high trees, pointed to the entrance to the US Navy's Pacific Missile

Range Facility at Barking Sands, Kekaha, close to the westernmost tip of Hawaii's westernmost island. As helicopters circled overhead (purely coincidental!), Bryan was unable to persuade the military quard to allow him through the gates to photograph the transmitter site.

Contribution deadline for Nov Issue is Wednesday Nov 4th - PO Box 3011, Auckland

Editorial

with Andy Gardner in Masterton

Andy (andy@navigator.co.nz) joined the League in 1981 and is a semi-active MW DXer.

Going for the shortest editorial on record here. We're still ironing out a few problems with the new format (where did all those rogue spaces come from last month?). Congratulations to Jack Searle on completing 10 years of SW Mailbag editorship, and thanks for hanging in there until after the Chief Editor change-over was completed. Time for you to have a well-earned rest! I'm jetting over to Surfers Paradise on the 13th to watch the IndyCar racing. Thanks to the Internet, I'll be staying in touch throughout. If I don't finish the magazine prior to departure, it'll be completed from my laptop in the hotel room. Cheers, Andy.

News from AdCom

compiled by Bryan "Cliff Richards" Clark in Auckland



WELCOME TO NEW & REJOINING MEMBERS: PATRICK RYAN, 8a Keith Street, Wanganui; TREVOR JAMES, Lethbridge Road R.D.9 Feilding (introduced by former member Max Youle); JIM HUNT, 5 Magnolia Grove, Maungaraki, Lower Hutt (via Break In); PETER RAWDON, 9 Curzon Place, Christchurch 8009 (introduced by Steve Rawdon); CHRIS MARTIN, P.O. Box 894, Springwood, QLD 4127, Australia. Patrick learnt about the League from Anita Louisa McCormick's "Shortwave Listeners Q&A Book". Trevor's receivers are an Icom R71A and Sangean 909. Peter is retired and an Official BBC Monitor, a role previously held by son Steve. With another son Paul, we now have 3 Rawdon's in our membership — is that a record? Chris, one of Australia's top MW DXers, and an active participant at past DX conventions in New Zealand, makes a welcome return to our membership.

THANK YOU to the following members who have made donations to League funds recently — BARRY WILLIAMS, PETER GRENFELL, DEWAYNE BRUCE and JACK FOX.

FAREWELL GEORGE Former Auckland Branch President (1995/96) GEORGE WELSBY passed away on 4 October. A former Hong Kong Police & Customs Officer, George was an outgoing character, full of laughter and good humour. He brightened up Auckland Branch meetings with his stories of colonial days. George must have been a good anti-smuggler, having been awarded an Imperial Service Order. 7 Auckland Branch members represented the DX League at the funeral, with BRYAN MARSH and DANIEL BLOOMFIELD giving reminiscences of George's radio interests.

NEWS OF MEMBERS We extend special greetings to senior members ARTHUR BARNS of Tawa who is recovering from a hip operation and JOSIE FREETH of Palmerston North recovering from eye operations. From new member PATRICK RYAN in Wanganui, we learn of the helpfulness of Levin member KELVIN BRAYSHAW (host of the Monday evening DX session on ZLXA 3935 and 1602). Patrick reports that Kelvin has written with tuning tips and information and even called in on Patrick to provide encouragement and further assistance. Says Patrick, "I've belonged to a lot clubs in my time but never have I struck a chap full of so much enthusiasm for this fascinating hobby." Thank you Kelvin!

ENGAGEMENT We are pleased to record that long-time Invercargill DXer and vintage radio buff ARTHUR WILLIAMS has recently announced his engagement to VERONICA. Both made a guest appearance at the DX League's 50 th Anniversary Convention in February, so

Veronica is fully aware of what the hobby is all about! Our congratulations to you both!

MORE FAREWELLS On the broadcasting front, Radio Norway International abruptly ceased its weekly English language programme on 27 September, after 46 years. The Norwegian state broadcaster NRK has decided it is not its place to fund these transmissions and has called on the Norwegian government to fund them. The only hope now is for ALL of us to show our support and the need for news and information from a country not often reported upon overseas. Write to Radio Norway International, N-0340, Oslo 3, Norway or via e-mail to radionorway@nrk.no (Paul Banning rec.radio.sw via Mark Nicholls) Meanwhile, long-time national and international hobby club American Shortwave Listeners Club (ASWLC) has run out of money to publish its "SWL" magazine and will only continue as a local group of SWL enthusiasts in California. (via DXing with Cumbre). Sadly, the Auckland radio scene is about to lose some of its variety, with the pending closure of BBC World Service relays on 1476 and Southern Sounds 1593.

RNZI's ASIAN BEAM? Adelaide member KEITH BARTON reports on a recent trip to the Philippines with wife Betty and son Robert. "My Sony ICF-7600w and small Realistic "transistor" allowed me to try to keep in touch with news from back home. However, Radio Australia's signal was poor in comparison with previous visits. To compensate RNZI came in consistently, mainly in the evening. I was overjoyed to hear the NZ-Aust rugby test via RNZI. Your commentators are very neutral and I've always considered your cricket commentators to be best in the world, but am pleased to add rugby. So it is unwise for RNZ to cut scheduled signals that may well have penetrated the Asian continent with ease possibly without realising it."

NZRDXL 50th ANNUAL GENERAL MEETING / MINI CONVENTION 13-15 NOVEMBER 1998

Decide now that YOU will attend this years special AGM and Mini-Convention to be held at the 'Project K' Campsite, Little Huia, attractively located on the northern shores of Auckland's Manukau Harbour, not far from the Tasman Sea.

The site will be open from 5pm Friday 13 November for members wishing to erect antennas for overnight DX sessions. Saturday's programme will begin at 9am with special guest speaker ALASTAIR PERKINS, Executive Director of FEBC-NZ, and a foundation member of the NZ Radio DX League. Alastair will reminisce of the League's early days in Invercargill, when he DXed with a 16 tube receiver and a fence-wire antenna half a mile long! He will then give an illustrated talk on the Far Eastern Broadcasting Company (Philippines) and Far Eastern Broadcasting Association (Seychelles). Alastair has been involved in construction of studio facilities for FEBC/FEBA in Borneo, Singapore, India, Sri Lanka and Myanmar (Burma).

After a break for morning tea, the 50^{th} AGM will begin at 10.15am and continue after lunch (if necessary). The Saturday afternoon highlight will be the auctioning of a number of receivers donated by members including an Eddystone 750, two state-of-the-art Active Antennas from Sony NZ Ltd, and some attractive items from Adventist World Radio. More DX opportunities will be available Saturday night, with check-out by 11am Sunday.

For catering purposes, please contact National Secretary EVAN MURRAY at P.O. Box 3011 Auckland (telephone 09-483-9543) no later than 8 November if you plan to attend this 50th annual meeting. For those staying overnight, the cost for bunk and breakfast is \$10 per night. Please support your club, the guest speaker and all those working behind the scenes to make the 50th Annual General Meeting weekend a memorable event!

Broadcast DX

with Paul Ormandy in Oamaru

Paul Ormandy (paulorm@es.co.nz) joined the League (as a cheeky young lad) in 1974 and is an avid MW DXer.

Hi everyone, not many contributors this month... guess everyone is too busy enjoying the good reception conditions... Mark Nicholls and I will be at Waianakarua for three nights over Labour Weekend and our fingers will be crossed for some lingering Equinox activity.

Highlights

- More X-band activity
- NZer leaves the air

John Durham, Tauranga, reports in that Good Time Oldies 1521 in Tauranga has left the air. The Malaysian owners have pulled the plug on this and sister station Triple X 99FM in Rotorua. The shareholders say that neither operation was in receivership or liquidation, they simply wanted them closed. John also tells us he has 8 SW countries left to log and after that, MW? Good luck with Azerbaijan...

Bill Woller, Matata, "I realise this is a little late... (by the hair of your chinny, chinny chin... it just scraped in!) but have just arrived home from Matata. I have stuck together a quick trail and will follow up with more once I have played half a dozen tapes through. I took the loop and D2999 and reception conditions were pretty reasonable, but mostly West Coasters. I have been going that way since 1960 when I first got my set of 4 wheels and have always found it pretty good. Almost as good as Te Araroa with some Beverages up. Wednesday evening a strong carrier showed up on 1620 at 0909 and after sitting on it till after 0930, it faded out... (ask Mark Nicholls how long possible it is to sit on one channel and have the same thing happen?) ... I was hoping for an East Coaster at that time of night with a sign-on but it wasn't to be. What I like about Matata, at the back of the camp are some very high cliffs around 200 feet high which seem to cancel out the Aussie signal and quite a few of the Kiwis. Using long wires a few years ago, we managed Spain and Portugal at good strength in the afternoon. Well, we will see what turns up on the tapes and should have a list of reports for next month" Good work Bill, some of your other unids, the Asian on 1480 is likely KWIZ and on 1600 KMNY-ed]

Robin Chambers, Hawera, firstly my apologies to Robin... lost your notes! Have hunted high and low to no avail... sorry about that chief... could you please re-send them?

Andy Gardner, Riverside, ran about 40 metres of wire in an East-West direction and managed to find a few stations for the MW Trail. Shows that in the right location, you can find plenty of interest even with a "short-wire".

Laurie Boyer, Invercargill, "Nothing much here, only two loggings, the Aussie Radio 1701 and the new Aussie on 1674" Hey! Better than nothing Laurie!

Chris Martin, Ormeau, Queensland "Hi long time no see! Pleased to be back with the League. Just a quick contribution this month as time doesn't permit a long trail. Logs are: WCMQ 1700, WBAH 1660, KAYK 1690, WQEW 1560, KGXL 1650, VOA Sao Tome 1530, Kenya 1386, KKTR 1650, WNML 1670, KBGG 1700, KXOL 1660, KXTA 1150. QSLs are: WCMQ, KAYK, WQEW & KGXL all from our Boreen Point Qld shack. The Drake SPR4 is still going well and conditions are on the up for Yanks. Keep your ears on. CU next month." Gee... isn't the X-band great!

Broadcast Trail

with Paul Ormandy in Oamaru

POW — Paul Ormandy, Waianakarua. BW — Bill Woller, on holiday at Matata — not far from Whakatane on the coast. BJ — Basil Jamieson, Kakanui. AG - Andy Gardner, at home in Riversdale Beach.

558 0745 FIJI R Fiji, Suva, exc. BW

621 0650 TUVALU R Tuvalu, Funafiti, exc, Islands mx. BW

639 0736 FIJI R Fiji, Lautoka, exc in Fijian, BW

670 0641 UNID USA, Interstate Radio Network, vgd, C&W the ad. (WMAQ?). BW

680 0624 UNID USA Probably KNBR, powerhouse sig w/sports network. BW

684 0843 FIJI R Fiji, Labasa, string of ads in Fijian and EE. POW

720 0800 HAWAII KAUI Kauai, way over NZer w/nx. BW

738 0805 TAHITI RFO Papeete, swamping 740 early evening. BW

770 0855 COLOMBIA HJJX Bogota. Fair w/ good RCN ID. 1st S.Am reception this year. AG

800 0738 BONAIRE PJB, pushing Rhema 801 badly. BW

870 0600 HAWAII KAIM Honolulu, splashing o/adjacent NZers! BW

880 0859 USA KRVN Lexington NE, very fair signal. Report on Georges hurricane. BJ

900 0503 MEXICO XEW La Voz de America Latina, Mexico C, fr sig w/full id then prog rundown. POW

910 Every evening just a big mix... like a graveyard channel. BW

940 0507 MEXICO XEQ Mexico C, fr o/KFRE w/talk prog and mx bridges. POW

940 0821 USA KFRE Fresno CA, exc on tlk. Nx 0730. BW

1060 0944 UNID USA 1-on-1 sports parallel with 1090, both excellent signals, ads etc giving other stations in the network. BW

1100 0606 USA KFAX San Francisco CA, exc sig w/relig tlk. BW

Stu Forsyth, Crowbar, England, "I've just come back from summer hols and I guess I have missed the closing date for this month (yep!). However, my loggings are Czech R2 639 (heard on hols in Austria), test tx from France via a Belgian TV Co 1071, R Bleue 1377, 864 & 837, Virgin R 1197, 1215, 1224 & 1233, R Tay AM 1161, North Sound 2 1035, Clyde 2 1152 (the last 3 heard on hols in Edinburgh), BBC R Cornwall 630 & 657, R Nederland (via Wolvertem) 1512, BBC R Devon 801, Manx R 1368, Swansea Sound 1170, RTE R Cork 729. The latter group were heard whilst on holiday in the Scilly Isles. In from Clyde 2 1152. The Scilly Isles look an excellent potential DX site for the winter. I am thinking of going down there for a few days in February" hopefully the Scilly Isles will prove fruitful.

Paul Ormandy, Oamaru, only log of note is WMDM Maryland 1690 while a few QSLs have rolled in, namely some Queensland ABCers verified by Ian Tinney c/o ABC GPO Box 9994, Brisbane 4001. They are 4QO/QB 855, 4RK 837, 4QD Emerald 1548, 4RN Brisbane 792 and 4QR Brisbane 612, and pride of place to WMDM 1690! More soon I hope!

Merv Branks Trophy

Laurie Boyer 16, Paul Ormandy 11, Paul Peacock 5, Lindsay Robinson 4

Best of the Month

Paul Ormandy with WMDM Lexington Park, Maryland, 1690kHz 1kW

1110 0457 MEXICO XERED R Red, Mexico C, pr-fr sig w/discussion. Grupo Radio Centro net promo 0459. POW

1120 0602 USA KPNW Eugene OR, vgd w/nx. BW

1140 0719 USA KHTK Sacramento CA, exc w/ad then sports nx. BW

1150 0904 USA KXTA Los Angeles CA "Xtra Sports LA" w/Dodgers baseball commentary. AG 0704 KXTA, exc on sports network, BW

1220 0518 MEXICO XEB "La B Grande" Mexico C, gd sig w/id & message from mayor's office.
POW

1300 0830 USA UNID, running Radio America network feed. First time I've managed to resolve a station on this freq. AG

1310 0750 USA KMKY Oakland CA, vg sig w/R Disney prog. BW

1320 0825 USA KCTC Sacramento CA, "Your sunshine station" with oldies like Elvis, Sinatra and Louis Armstrong. BW

1320 0455 MEXICO XEJP R Variedades, Mexico C, fr sig w/jingle id. POW

1420 0923 HAWAII KCCN Honolulu, vg, still annoing "Traditional music of Hawaii" BW

1460 0938 HAWAII KULA Maunawili, last time I heard KULA it was //96.3 "Crater 96", now it's //KGMZ 107.9 w/oldies from the 50's, 60's & 70's. Still ids as Kula "...107.9 and 14-60 KULA" AG

1540 0610 USA UNID w/ Sports Talk AG

1560 0512 MEXICO XEFAJ R Consentida, Mexico C, fr on peak w/promo, id etc. POW

1570 0500 MEXICO XERF Cd. Acuña, vg copy at this time.

1570 0821 USA WQEW New York NY, here briefly w/ Jazz & reg. "Q-E-W" ID's (just prior to the biggest propagation opening to Vancouver BC I've ever witnessed). AG

1580 0500 USA KCWW Tempe AZ, fighting it out w/KBLA. BW

1600 0858 USA KMNY Pomona, CA, jumps out of the mess w/full ID. AG

1610 0615 ANGUILLA Caribbean Beacon, The Valley, fr sig w/Dr Gene Scott preaching. POW

1640 0839 USA KDIA Vallejo CA, "Solid Gold Soul" prog. BJ Also 0834, gd sig lots of ads. BW

1650 0834 USA KKTR Costa Mesa CA, gd sig, plenty of ids. BJ)845 also gd sig, tfc and wx condx for Longbeach. BW

1660 0748 USA KXOL Brigham C, UT, "more music, more fun and more medleys of the 50's, 60's and early 70's — Big Oldies 800, KSOS" strongest X-bander at present.

AG 0713 "At the top of the dial" Ids at 0716 as "KXOL & KSOS" BJ. 0848 "Good time oldies weekend" playing Beatles, Seekers etc. BW

1670 0845 USA UNID W— with a lot of tlk. BW. 0744 WNML Warner Robins, GA good w/ ESPN Sports Radio. AG.

1674 0812 AUSTRALIA NO-NAME station, located at Emu Plains Prison Farm, playing nonstop Italian opera music (riveting stuff!) running tests at present with format and actual name yet to be decided. POW

1690 0649 USA WMDM Lexington Park, MD, fr sig on peaks w/sports-talk, id as "Bay-Talk WMDM" — station borders Chesapeake Bay, net nx on the hour and station promo for 1 minute at 0705. Same pattern at the top of the next two hours. Little sign of KAYK Colorado with R Disney format. POW 0712 WMDM w/ sports and adverts for Philips Cellphones and "Football Trivia" website. AG

1700 0624 USA KBGG Des Moines IA, w/ financial talkback AG

Broadcast News

with Bryan Clark in Auckland



ASIA PACIFIC NEWS UPDATE

NEW ZEALAND 3 organisations are known to have bid for the use of Radio New Zealand's Parliamentary Network frequencies when Parliament is not sitting — 531pi, the Auckland-based Pacific Islands station on 531, the NZ Radio Reading Service (operators of 2XA 1602 and ZLXA Shortwave) and an Asian broadcasting group. In supporting 531pi's bid, National List MP Arthur Anae believes it is crucial that the Pacific Island community has access to a nationwide Pacific Island radio station. "The vacancy left at weekends by the Parliamentary radio station is an ideal spot, and we could have Pacific Island radio up and running nation-wide within weeks if this was allocated to Radio 531pi." Currently, there are separate Pacific Island radio stations in Auckland and Wellington, as well as a number of small programmes on Access Radio. (Andy Gardner, Paul Ormandy) The Rhema Broadcasting Group's Southern Sounds network is to lose its air time on Auckland 1593. (Bryan Clark) NZ stations that are currently slightly off frequency are — Wellington's "Easy Listening Breeze" (it was Windy when I lived in Wellington! Ed) on 891.040 kiloHertz, Auckland's 1476.220 with BBC World Service relays and 1592.97 used by Southern Sounds and an Asian broadcasting group. (Andy Gardner, Tony Magon)

AUSTRALIA A new AM station for the Torres Strait will launch on 16 October at 6.00am AEST (2000 UTC Oct 15th). The call sign is 4MW with a power of 5Kw on 1260. The community licence has been allocated to Torres Strait Islands Media Association which is an affiliate of the ever growing National Indigenous Radio Service Network (all of which are on FM such as 4AAA Brisbane). This community wanted an AM service to cover the entire Torres Strait as they haven't been happy with the coverage they have been getting from 4TI 1062. 4TI is the ABC regional station in the area and TSIMA have been sharing time in the afternoons on that station. 4MW will initially broadcast an 18 hour day 6am-midnight 5 days a week and silent on weekends due to limited programing resources, The address for reports is P O Box 385. Thursday Island 4875. Phone number 07-4069-1524. Main spokesman for TSIMA is Wayne Seeky. The engineering of this station was done by Channel 7. (Chris Martin) 6WF Perth broadcasts on a 50Kw transmitter, which helps it's sometimes extended coverage. However it's located on a fairly dry section of around in the Perth suburb of Hamersley which doesn't help it's propagation and a large earth mat is required to improve it's ERP. In the last few years the transmitters at this site have been upgraded to solid state Nautels which, although much more efficient than valve transmitters, are more prone to interference due to varying levels of VSWR as caused by changing moisture levels. 6WF broadcasts originate from the Perth studios from 0500 till 1800 each weekday. The Hamersley site also carries 2 other transmitters which share the same mast as 6WF - 6RN (Radio National) 810 with 25kw is a national networked mostly talks format service which is delayed at the ABC studio complex by 2 hours for time correction in Western Australia. 6PB is a 10kw service on 585 which broadcasts the sittings of the Federal Australian Parliament in real time when they're sitting and a continuous news & sports service when they're not. Western Australia (WA) also has an extensive ABC regional network with 6 studios scattered around the state which broadcast breakfast and morning programs from 0600 till 1100. (Steve Napier Master Control ABC Perth email via Paul Ormandy) The two ABC transmitters on 855 (4QB and 4QO) operate in

synchronous mode. Obviously the program is identical, and the carriers are phase locked, well – most of the time anyway! This is not really a satisfactory system from our point of view as there is a lot of fading problems in the 'middle ground' between the two transmitters. This may also explain some of the phasing problems for DX reception in NZ. Actually, 4QB (Pialba) will be closed at some time in the not too distant future, leaving the frequency clear for 4QO (Eidsvold). The 4QB area is now served by FM, and the AM transmitter sits on a few million dollars worth of beachfront real estate. (Ian Tinney of ABC Brisbane via Paul Ormandy) 2RF Radio Italia 1575 Wollongong is running 500 watts although the aerial will be fixed again and power up to a 1kw very soon. Full data QSL card in 15 days for taped report from John Wright, Unit 4 -33 Kerrie Gesent, Peakhurst NSW 2210 (Pat Martin email) 4KQ Brisbane 693 verified by letter, stickers and info on station in 22 days for taped report. V/S was Peter Verhoeven, General Manager. Address: P.O. Box 693, Stones Corner, QLD 4120. (Aussie QSL 211 for Pat Martin USA)

AMERICAN DX TESTS

Monday, October 19, 1998 WSGI 1100 Springfield, TN will conduct tests between 0600 and 1100 UTC. The test will be comprised of C&W music along with Morse Code IDs. This daytime-only station will be operating with 1000 watts non-directional. Reception reports may be sent to: Mr. Bill Gray, General Manager, WSGI-AM, P.O. Box 909, Springfield, TN 37172-0909. (Arranged by Bill Hale for the NRC CPC.)

Monday, October 19, 1998 KEYZ 660 Williston, ND will conduct tests at various intervals from 0605 to 0630 UTC and prior to the news at :00 from 0700 and 1100 UTC. The test will consist of 1000 Hz tones of about 30 seconds duration along with Morse Code IDs during the 0605 to 0630 period, commencing after ABC Network News and local news, and the code ID at the top of the hour preceding ABC News from 0700 to 1100 UTC. Their format is C&W music. KEYZ will be on their nighttime directional pattern sending 26,895 watts ERP toward 018 degrees True. Reception reports may be sent to: Mr. Earl R. Gross, WD0APE, Chief Engineer, KEYZ-AM, 410 6th Street East, Williston, ND 58801-5552 (Arranged by Bill Hale for the NRC CPC.)

Monday, November 2, 1998 KLER 1300 Orofino Idaho will conduct DX tests between 0800 and 0815 UTC. The test will be comprised of tones and Morse Code IDs. They will be using 5 kW non-directional. Reception reports (tapes preferred) to: Mr. Jeff Jones, Owner, KLER-AM, P.O. Box 32, Orofino, ID 83544-0032. (Arranged by Bill Hale for the NRC CPC.)

Monday, November 16, 1998 WODI 1230, Brookneal, Virginia will test at 0700 UTC for an unspecified period with 1000 Hz tones, Morse code IDs, and Cajun fiddle music. Reports to: Mr. Dave Marthouse, President/GM, WODI, 1230 Radio Road, Brookneal, VA 24528-3141 (Arranged by Bill Hale for the NRC CPC.)

NORTH AMERICAN CHANGES

560 WNSR Brentwood, TN ex WYOR 620 KKGJ Grand Junction, CO ex KKGM 850 WDJA West Palm Bch FL ex WEAT 850 KLYF Thousand Oaks, CA ex KAHS 850 WJBZ Knoxville, TN ex WIOL 920 WGOL Russellville, AL ex WJRD. 960 WALC Sebring FL ex WJCM.Will move to 1050 so WFLA 970 Tampa can

increase power.

980 WAKV Otswego, MI ex WQXC 990 KTMS Santa Barbara, CA ex KQSB 1000 KTUB Wichita Falls, TX ex KWFT 1190 KFNX Cave Creek, AZ ex KCCF 1190 KLUV Dallas, TX ex KOOO 1310 KZXR Prosser WA ex KARY 1370 WAZI Sussex, WI ex WKSH

1380 KZJZ St. Louis, MO ex KKWK 1380 WTJK South Beloit WI ex WBEL 1390 KCLN Clinton, IA ex KLNT 1390 KHOB Hobbs, NM ex KUCU 1410 WNWZ Grand Rapids MI ex WRCV

1490 KLNT Laredo TX ex KDOS 1570 KHPN Loveland, CO ex KLOV 1590 WZUM Carneige, PA ex WPLW 1590 KDAV Lubbock, TX ex KLLL 1600 WRPN Ripon WI ex WCWC

(Thanks to Lee Freshwater via IRCA's AM DX NewsFlash Email 9-10/98)

KMNY Pomona, CA 1600 was recently sold and the new owners are going to discontinue the "Money Radio" format. (Gomez Internet via Mark Nicholls) CJBZ 1200 Ottawa, is implementing an all-sports format. For the last few days, they've been running a continuous loop introducing themselves as "Ottawa Sports Radio," "OSR-1200," and promising that "opening day" is coming "soon." (William C. Demmery via IRCA's AM DX NewsFlash 9/98) KNEW 910 Oakland, which was satellite fed country for many years, is now AC, simulcasting K101 (KIOI-101.3) San Francisco. For more details, go to http://www.radiodigest.com, click on "San Francisco" edition. KATD 990 has also been sold. Robert Wien via IRCA's AM DX NewsFlash 9/98) KQPT 1470 is now KOME. Identified on the hour with call and uses slogans "Low Rider Oldies For Sacramento", and "14-70 The Cruiser" (Rich Toebe via IRCA's AM DX NewsFlash 9/ 98) Stations carrying the Radio Disney format that may be heard in NZ - 620 KAAM Dallas, 710 KDIS Los Angeles, 860 KCNR Salt Lake City, 1240 KSON San Diego, 1310 KMKY San Francisco, 1360 KRYS Corpus Christi, 1580 KCWW Tempe (Phoenix), 1690 KAYK Arvada (Denver), (Paul Ormandy)

EXPANDED AM BAND UPDATE (1610-1700kHz) AUSTRALIA

- GB Radio plan to open a transmitter in St Marys, Sydney by December 1998. (J. Wright) 1611
- GB Radio Melbourne address is 23 Macauley Place, Bayswater 3153 Victoria. Per Pieter Marchant, Director GB Radio. (John Wright email)
- An Italian station heard in Brisbane early Oct, pres. to be the planned Radio Italia station with registered Mango Hill transmitter site. (David Martin via P.Martin email)
- 3ME operates // Sydney also on 1638. On air according to Sid Merhi. Reports (w/ 1638 return postage) to Sid at 5 Phoenix St, Castle Hill 2154 NSW. (John Wright email)
- New Australian X-Bander first heard 10 September testing with Italian Opera. Transmitter located at Emu Plains Prison Farm, West of Sydney, running 400 watts, Reports to Peter Schulz, 24 Kurri St, Loftus 2232 NSW. Return postage required with reports. Station still deciding on formats etc. (Pat Martin, John Wright) USA
- WKSH, Sussex WI verification letter in 11 days from General Manager Frank D. 1640 LeTourneau. Address: W223 N3251 Shadey Lane, Pewaukee WI 53072, (Pat Martin)
- WQSN, Kalamazoo, MI heard 24 September with One-on-One Sports programming, IDs mentioning 1470 - their old frequency. Strong signal. Called station and they said it was their first day of broadcasting on the new frequency, and that they were currently simulcasting the 1470 signal. (J.D. Stephens AL via PWO)
- KXOL sent a very minimal info QSL letter on photocopied or computer printed stationery. V/S was unreadable initials, possibly BW. Return address on the envelope is: 4455 South 5500 West, Hooper, UT 84315 Return address on the stationery is: 4455 South 5500 South, Hooper, UT 84315. (Pat Griffith email)
- WCMQ, Miami Springs FL verie letter in 320 days from Nini Veras, Axc. Assistant,

sent along stickers, other WCMQ info. Address: 1001 Ponce De Leon Blvd, Coral Gables FL 33134. (Pat Martin)

JAPAN

10

Following is a list of the 28 Lighthouse-based Weather Stations each providing 1 to 2+ minutes of weather information every hour. All operate on 1670.5 khz in the H3E mode, 24 hours a day. After announcement of the station location and the time, each station is allocated the following time slots each hour.

Miyakojima 00:00-02:20 Erimo + 33:00-34:40 Toi 06:30-08:30 Kushiro Harbor Radar 34:40-36:20 Ashizuri 10:40-12:10 Meshima 36:20-38:00 Muroto 12:10-13:40 Wakamiya 38:00-39:40 Osaka Harbour Radar 13:40-15:10 Kamitsushima 39:40-41:20 Shionomisaki 15:10-16:50 Hagimishima 41:20-43:00 Daio 16:50-18:30 Takohana + 40:00-44:30Iro 18:30-19:50 Echizenmisaki 44:30-46:00 Hachijojima 19:50-21:30 Heaura + 46:00-47:40 Nojima 21:30-23:10 Awashima + 47:40-49:20 Inubo 23:10-24:50 Nyudosaki + 49:20-50:50 Kinnka 26:30-28:10 Tappi + 50:50-54:20Todogasaki 28:10-29:30 Shakotann + 55:40 -57:50 Yagishiri + 57:50-00:00 Shiriya 29:30-33:30

All stations ID in a pattern like this: "Kakukyoku, kakukyoku, kakukyoku, (station name), (station name),(weather information), owari." "Kochiraha (station name) kurikaeshimasu......(weather information)......owari." Kochiraha (station name), kurikaeshimasu,.....(weather information)....owari. Kochiraha (station name). Sayonara."

(Osamu Aikawa via Patrick Martin in Oregon who has heard those stations marked +)

'The Times they are A-Changing' was the editorial caption of the first issue of the DX Times that came out in magazine format we still know today. 43 and 45 Upper Watt Street Wadestown in Wellington was the publishing empire of the DX Times for some years with Bryan Clark and Tony King pounding away on Imperial 66's, (they had two sections each to edit and type plus the articles) and embellishing the typing with handset type captions and headlines proofed on Tony's range of letterpress machines. Brian and Tony introduced a DX forecast for MW based on years of research by Robin Chambers so that members could anticipate possible catches; the emphasis was also on gadgets to improve reception, one very popular one being a phasing unit to match a loop to a beverage. Loop boosters were all the rage with the Robins Loop Booster, and the Masson Loop and the receivers of the time were the Eddystone range with the 680X the top of the line at the time. War assets 1155's and AR88's were in the lineup too, as well as the odd CR100. The 'sections' as we see them today were in vogue in our time too so upgrading is long overdue. The Times was printed offset by Snap Instant Printing almost on a while you wait basis, then Tony and Bryan would pack into their NAC office for the evening for a four hour stint of hand collating, folding, stapling and stuffing into addressographed envelopes. This was also the era of the first commercial ads in the Times as we convinced suppliers like Sony (cassette tape) that we had a significant niche market for their product. And so to the future as the DX Times moves to cope with the challenge to the very future of the DX hobby. - Tony King

DXISIMO

FOCUSING ON LATIN AMERICAN, AFRICAN AND EXOTIC DX.

with John Durham

BOLIVIA Survey of activity by Tony Jones Paraquay. All the following stations are active between 10.00 to 13.00. 4450 R.Frontera. 4472v R.Movima. 4549.4v R. Tropico. 4599.3 R. Villa Montes. 4600 R.Perla del Acre. (Mon-Sat) 4649 R.Santa Ana. 4682v R.Paititi. 4719.8 R.Abaroa. 4732.2 R.La Palabra. 4777.8 R.ANDES. 4845 R.Fides. R.Centenario. 4875 R.La Cruz del Sur. 4885.6 R Sararenda. (Mon-Fr1) 4900.6 R.San Ignacio. 4926v R.San Miguel. 4939.3 R.Norte. 4945 R.Fides. 4965 R.Juan Veintitres. (Mon-Sat) 4991 R.Animas. (Mon-Fr1) 5927 R.Minera. 5952v R.Pio Doce.(Mon-Sat) 5964.7 R.Nacional Huanui. 5994v R.Loyola. 6025 R.Illimani. 6085v R.San Gabriel. 6105v R.Panamericana. R.Santa Cruz. 6155 R.Fides. 6194v R.Carlos Palenque. 9624.8 R.Fides.(irreq.) (Jones NASWA)

COSTA RICA
5055 TIFC Lighthouse of the
Caribbean.is 24 hr on this freq
plus AMSFM. EE 03.00-04.00 will
soon add FF.31mb was off but
hoped to have 9645 back soon.
(Revue of Internat Broadc.via
NASWA)

ECUADOR
4840 Reactivated ? Radio
Interoceanica. Santa Rosa de
Quijoa.Noted with 2 relays from
HCJB & religous prg from Grand
Rapids.Michigan.-01.55. (DXPL)
4899.6 Reactivated ? La Voz de
Saquisili.Director Arturo Mena
asking for reception reports.
Reports will receive a special
card in rememberance.11.00.(DXPL)

GUATAMALA
3325 Radio Maya.Barillas.Noted in
SS & Indian languages. (DXPL)
3380 Radio Chortis.Jacotan.
Ranchero music and annots in SS &
Chortis.A Roman Catholic station
part of a social services agency

funded by Belgium & German Catholic churches. (DXPL)

PERU
3172.7 New Station ? 10.00 Music sounds like its from southern Peru ?. (DXPL)
4972 Radio Del Pacifica.Lima.
Soft music and religous announcments.10.01 Nat Anthem & good morning greetings. (DXPL)
4460 Radio Nor Andino. Celendin.
Folk music & time checks.03.01 (DXPL)

6895.1 Radio San Miguel.Cusco. 10.35 No Ids but frequent mention of San Miguel & echo effect announcments. (DXPL)

Venezuela
9510 Radio Barquismeto 690 plans
to reactivate SW starting in
October in order to broadcast 9899 season Lara Cardinals baseball
games to Venezuela and abroad.
Same station previously
publicised 9510 reactivation
plans which never happened.
(Hauser via NASWA)

Congo D.R.
6713 Congolaise Rally for
Democracy [RDC] has just given
the Sud Kivu [RTNC] Congolaise
National Radio &Television a 50w
SW transmitter.Experimental
broadcasts using the transmitter
have already started. (Revue of

THAILAND 6149.9 Royal Palace Stn.Or Sor Bangkok observed 09.00-10.00.with typical Thai vocals.QRM from Singapore 6150 EE Service. (Padula Se Asia EDXP via NASWA)

Internat.Broadc.via DXC)

CREDITS: (DXPL) VIA HCJB

(NASWA) The Journal
(DXC) Cumbre DX.

Utilities

12

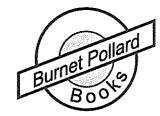
with Evan Murray in Auckland

		pat on the back for the Chief Editor from Utes correspondents who congratu-		
		much improved quality of the magazine - a necessity for those whose sight		
		lere are last month's loggings.		
4125	1120	Unident. "We released from the rig at 1800 and we are now enroute to Grand		
Isle (Louisiana?) JC				
5407	2230	Civil Defence weekly radio checks. Sierra channel ZKST Southern Zone Pri-		
		mary NJ		
5535	0830	Manaus/American 951. Santarem 0829 FL 370 Fuel 52.4. NY-Sao Paulo		
		NJ		
5535	1946	Challenge 1501/Unident. Familiar with San Jose? Problems on ground there		
		EM		
5550	0851	New York/Argentina 1300. Position EM		
5598	0634	Shanwick/Cubana 278 NJ		
5616	0756	Unident/Gander. Stand by I'll call you back then call me 8864 for S/C check		
		EM		
5643	0825	Qantas 43/Tahiti Call me 126.7 EM		
5643	0826	Auckland/Paciufic 410 FL 350 Wind 250/75 EM		
5717	0939	Khartoum/Addis B747 en route Reunion to Paris EM		
5717	0834	Rescue 456/RCC(via PP from Vancouver Military) Rescue 456 requesting fre-		
		quency company helicopter KOX willbe contactable on later. We will an-		
		swer on your next hourly contact NJ		
6215	0825	Port Morseby Radio working vessel just departed Madang PNG JC		
6577	0900	New York/PTX. Position. Aeropostal de Mexico EM		
6637	0508	Laker 9150 position 6N 58W to Miami JC		
6739	1021	McLellan/Skycom 242. PP S/Com C.P. NJ		
8978	1106	Shanghai radio in EE JC		
8825	0756	CF ZLK/Santa Maria. Do you read? EM		
8825	0907	New York/KLM 742. FL 330 38N next EM		
8825	0955	New York/Air Mexico 1085 EM		
8825	0930	SJM/Santa Maria. Go ahead now. Southern Air Transport USA EM		
8825	0935	Alitalia 668/Santa Maria. Contact Piarco 123.7 EM		
8861	1925	Irkutsk volmet loud and clear JC		
8867	0519	Air France Concorde 4605 Christchurch to Sydney gives position Dorax to		
		Brisbane climbing to 60,000 feet JC		
8879	0942	VAK/Perth. S/C check EM		
8879	0946	Qantas 24/Perth. At 75E contact Mauritius EM		
8903	0934	Tokyo/JAL 778 4 miles left of track EM		
8906	0912	Santa Maria/Iberia 6620 Position BJ		
8906	0758	New York/Iberia 6322 Over 41N 40W EM		
8906	0800	Jamaica 001/New York ATC clears you to 50N EM		
8921	2000	Jetset 522 20 miles N of Lisbon dest Las Palmas wkg Manchester. Air 2000		
		UK JC		
topon-houseshoon	A TOTAL IN COLUMN TO THE PARTY OF THE PARTY			

New Zealand DX Times



Volume 98/10



Passport to World Band Radio 1999

The new edition of this fine reference is available 560 pages of easy-to-read frequencies, schedules and languages of worldwide broadcasters, as well as in-depth articles on world band radio programming. 1999 edition: \$42.95

Passport to Web Radio 1998

This is the new world of web radio. Here, you'll find the ultimate in sports coverage, along with every kind of music, news and entertainment from hundreds of FM and AM stations throughout the world. And while you're listening, your computer is still free to be used for other things, so you can listen to the world while you work or play. Passport to Web Radio tells, in plain English, everything you need to know. Passport to Web Radio. 1998 edition NZ\$42.95

World Radio TV Handbook

This comprehensive handbook is for anyone seeking information about radio or television broadcasts anywhere in the world. The 1998 edition features more than 300 pages of domestic and 50 pages of international radio listings, with a graphical guide to English programs; worldwide TV station contacts and addresses; broadcaster Web sites and e-mail addresses; and new listings for clandestine stations. 50 illustrations, 608 pages. ISBN 0823077985. **NZ\$49.95.**

The 1999 edition is due at Christmas 1998. Please write for details if you are not on our mailing list.

Guide to Utility Radio Stations

This is the international reference on radio services on shortwave: aero, diplomatic, maritime, meteo, military, police, press, and

telecom. 11,800 frequencies from 0 to 30 MHz are listed, including the very latest frequencies used now during the sunspot minimum. This book lists: abbreviations, addresses, callsigns, codes, explanations, frequency band plans, meteofax & NAVTEX and press schedules, modulation types, all Q and Z codes, and much more. The 1998 edition is available for NZ\$79.95. The next edition is due in NZ February-March 1999. Please write for details if you are not on our mailing list.

Super Frequency List CD-ROM.

The only CD-ROM that includes all shortwave stations worldwide, plus all utility stations from 0 to 30 MHz. 11,800 entries of all clandestine, domestic and international broadcasting services on shortwave, complied by top expert Michiel Schaay of the Netherlands. 11,800 special frequencies from the 1998 Guide to Utility Radio Stations, plus 960 abbreviations and 15,400 formerly active frequencies - all on one compact CD for PCs with Windows. Rapid searches by frequency, country, station, language, call sign, and time as well. Requires Windows 3.x or Windows 95. The 1998 compilation is NZ\$59.95. The next edition is due in NZ January 1999. Please write for details if you are not on our mailing list.

Shortwave Frequency Guide

This is the printed version of the 1998 Super Frequency List on CD-ROM. NZ\$55.00 The next edition is due in NZ January-February 1999, please write for details if you are not on our mailing list.

Australasian Shortwave Guide March 98

Special features: News of international broadcasting stations to update the December 1997 edition; the complete Mid-Summer HF Spectrum Survey covering SW stations throughout the world, monitored in SE Australia between 0000-0400 UTC on all frequencies from 2400-7600 kHz; DXing Malaysia; Shortwave DXing from French Polynesia - a DXers paradise!; Propagation Notes for the new Solar Cycle 23. The guide is compiled by experienced shortwave listener Robert Padula.

Note: the May and December 1998 editions contain the usual comprehensive listings of broadcasts beamed to Australia, Oceania, etc. plus other features.

March & May 98 issues NZ\$10 each to NZ addresses. Next issue due December 98. Orders are being accepted for the December issue. NZ\$10 in NZ, overseas NZ\$13.50 Internet Radio Guide 1997

The book includes hundreds of sample pages from the web. This edition shows you the most interesting radio-related homepages found, with topics such as: amateur radio, aviation, companies, DX clubs, equipment, geography, geophysical data, intelligence, manufacturers, newsgroups, news services, organisations, press agencies, publications, radio clubs, radio monitoring, radio propagation, radio stations, satellites, secret services, SW reception, and solar data. This book will save you considerable time - and pay for itself in saved telephone and service provider pages. If you know a young person interested in computers, here is the perfect way to get him or her interested in radio as well! NZ\$49.95 ISBN 3924509158. This is the last edition of this book.

Guide to Worldwide Weatherfax Services

1996/7 Guide which was the last edition to concentrate on radiofax and satellites. WE made sure we have good stocks of this for those who prefer radio waves to telephone lines. We also made sure of a good price NZ\$29.95.

Landa and a Saar barre I (makes)	
Limited Space SW Antenna Solutions	\$24.95
Easy Shortwave Antennas	\$24.95
Long Wire Antennas	\$29.95
World Below 500 kilohertz	\$12.00
Shortwave Receivers Past & Present [3rd ed] Commu	ınication
Receivers 1945-1998	\$59.95
Worldwide Aeronautical Communications Frequency Dir	'y \$35.00
Understanding ACARS	\$24.95
Discover DXing!	\$12.00



Orderform

Post to:

Burnet Pollard Books PO Box 149 Otaki, New Zealand.

981005

Fax to:

06 3645455

Name	(Mr/l	Mrs/Ms/Dr)	
Adduses			
TownPlease send me the follow		stcode	
Quantity Title	Price	Payable	
Tick payment option: I enclose my cheque or cash for NZ \$ (Australian cheques: multiply total by 0.9). Make cheque payable to: "Burnet Pollard Books". I wish to pay by: VISA MASTERCARD BANKCARD (Circle one). Amount: \$ (Minimum amount \$30.00). Card number:			
from _/_ to _/		□ Valid	
Cardholders name (print) Signed:			
All prices in NZ dollars. Australian customers using cheques should multiply the NZ dollar total by 0.9. Credit cards charged in NZ dollars. Prices include: GST to NZ addresses, no GST but postage to Australian addresses. Asian customers should enquire for payment and postage charges. IN NZ we deliver by courier unless otherwise requested on orderform.			

SONY

ICF-SW55



Enquire at an authorised **SONY** dealer

http://**SONY**.co.nz

- ♦ 4 Way Tuning (Direct Access, Autoscan, Manual Tuning, One Touch Memory Preset Tuning)
- ◆ 5-Event Timer
- Dual Clock (UTC, Local Time)
- Duct Speaker
- FM Stereo/LW/MW/SW Multiband Reception
- LCD Backlight
- New Visual Clock features bar graph selection of major cities for display of local time
- Rec Out Jack
- SSB Receivable (USB/LSB 2 Position)
- Station Name Display for Quick Station Access (max 25 pages)
- Tone Control

MARKETSQUARE

For Sale: Yupiteru MVT7000 handheld scanner, 100kHz-1300MHz, \$600. Contact Andy Gardner, PO Box 741, Masterton, tel 06 377 7928, fax 06 377 7959. Evenings only!

For Sale: YAESU FRG7700 AND NATIONAL RF3100 RECEIVERS

The League was bequeathed two receivers from the estate of a past member. Both these sets are operational but well worn . Because of the condition of these sets ADCOM could give no guarantee with the receivers . However despite their condition they are both working well and come with manuals .

The receivers will be on display for sale at the League's AGM in November . ADCOM would expect to get at least \$100 for each of these sets but they may go for less . For further information please contact Barry Williams , 09 6279 070 or attend the AGM Postal tenders should be received by Oct. 30 th .

*****************	***********		
8930	1938	Polar Tiger over India calls Stockholm	JC
8930	1946	Pakistan 711 on the ground Karachi	JC

Contributors

BJ Basil Jamieson, Oamaru, Drake R8 and random wire; JC John Charlton, Greymouth, Kenwood R5000 and 30m long wire; NJ Noel Jones, Auckland, Kenwood R5000 and T2FD for USAF, NRD 535D, 30 m long wire and Timewave 559DSP for civil comms; EM Evan Murray, Auckland, Kenwood R5000 and T2FD.

TV/FM with Brian Withers

Welcome to September / October logs and News

Paul Peacock of Blenheim reported Prime TV Ch 60 on Mt Kaukau

Charles Douglas of Te Awamutu logged R Pacific 100MHz.

Your Editor has QSLed & logged On Air Radio 88MHz also Magic FM on 88.4 Napier.

STATION NEWS:-

Picton's own radio station back on the airwaves September called Misty Radio on 100.2. Paul Peacock

Radio Pacific on 100MHz started in Waikato on 22 August 1998.

Charles Douglas

Four Channels for Tongatapu, Tonga. Kelopi Veikoso, the Managing Director of Tonga's only TV channel A3M-TV7, in Nuku'alofa, said that the expansion would double their transmittion power, and with a new 85 meter antenna their signal should be picked up anywhere in Tongatapu & 'Eua. New broadcast time to run from 6am to 12pm. Two channels will be on NTSC, and the other two on PAL.

Seaside FM Bowhill Road, New Brighton, Christchurch on 88.4.

Active 100.2 Hornby, Christchurch.

Wave FM Summer on 100.4 Christchurch.

All Christchurch Station news via Simon Hill.

C93 and Lite FM networked from Christchurch to Dunedin & Invercargill now.

NZ Radio Training School in Tawa, Wellington has fired up The Generator. A 300 milliwatt station on 88.5MHz. Reception area Porirua, Elsdon, Titahi Bay, Tawa, Linden & Linden-Vale. Will run 24 hours a day & will provide students with hands on experience & delivering community news & information.

Woodville own radio station on 88.6MHz.

Sky announces 30 channels via Satellite in October on 60cm

NZOXTWES

TV/FM with Brian Withers

dish for \$495.

Dargaville Big River FM on 96.2 snatchs 31 per cent of the Kauri Coast market.

Trianga TV on CH 41 Auckland. Address P O BOX 78-034, Grey Lynn, Auckland.

NZ commercial radio industry has earnt a record \$172 million to March 1998.

Radio Otago buys up Fifeshire for \$2.8 million.

ZM replaces Classic Rock Rotorua on 98.3.

Radio in the bar reving up Gisborne. Radio Beaven on 99FM is in a bar at No 6. Rev FM has a temporary licence with a one-kilowatt signal covering most of the East Coast.

Solid Gold Nelwork celebrated the addition of its 10th station this past month, Wanganui 94.4MHz, by helding an Rivis weekend. Solid Gold Rapiti Coast is now running its own ads on 94.3MHz.

On Air Radio Napier started broadcasting mid September on 88MHz with address of 175 Vigor Brown Street Napier. Phone 06) 835 9106.

XXX Rotorua / Tauranga on 99.1 & 99MHz now closed down.

FM / TV Trail

31/8 ABDN2 12.15pm.

2/9 ABDN2 5.30pm.

7/9 Magic FM testing in Napier on 88.4.

ON Air Radio Napier poor signal at my location in Tardale on 88MHz.

Above Trail supplied by Brian Withers Napier.

Send Notes and news to P O BOX 7072, Tardale, Napier.

 ΩR

NZRDXL, P O BOX 3011, AUCKLAND.

League Ladders

16

with Peter Grenfell in Oamaru

MEDIUM WAVE OPEN (Over 500)	QSLs	INC	CNTS	SHORTWAVE OPEN (Over 500)	QSLs	INC	CNTS
Laurie Boyer	3934	16	137	lan Cattermole	3234	191	192
Keith Robinson	2861		157	Jack Searle	2214	8	207
Paul Ormandy	1408	25	134	Paul Ormandy	1589	10	232
George Beardsmor			61	Bryan Clark	1542	4	237
Bryan Clark	673		119	John Campbell	1523		256
Mark Nicholls	643		67	Laurie Boyer	1554	18	170
John Campbell	630		125	Brian Withers	1297		128
Paul Aronsen	529			Mike Smith	1218		133
Lindsay Robinson	510	511	56	Lindsay Robinson	1239		169
SENIOR (301-500)				Ross Gibson	1028		155
Peter Grenfell	443		37	Graeme Dixon	910		116
Brian Withers	411		51	Paul Peacock	796	18	120
Stuart Forsyth	391		39	Paul Aronsen	733		
INTERMEDIATE (151-	300)			Peter Grenfell	653		133
Jack Searle	294		35	lan Wells	582	14	133
Andy McQueen	295		21	SENIOR (301-500)	•		
Robert Krijger	228		13	Bernd henning	372		90
Mike Smith	194		18	Andy McQueen	368		103
Paul Peacock	193	7	16	Bob Boundy	335		84
JUNIOR (5-150)				Chris Elliot	301		78
lan Wells	108	1	15	INTERMEDIATE (151-			
Adam Claydon	71		4	Stuart Forsyth	282		87
Arthur de Maine	50		10	Arthur de Maine	228		89
Chris Elliott	15		3	Ashley Gulbransen	193		75
				Keith Robinson	182		173
FM - TELEVISION				JUNIOR (5 - 150)			
				George Beardsmor			68
Brian Withers	899		9	Adam Claydon	123		40
Robert Krijger	678		6	Mark Nicholls	121		55
Bryan Clark	148		5	Daniel Bloomfield	13		11
Paul Ormandy	110		5				
Paul Peacock	61		2				
Adam Claydon	49		1				
Mark Nicholls	42		2	Data - Cua	_£_11		
Mike Smith	33		2	Peter Grer			
Andy McQueen	29		2	11 Sussex		21.1	
				WESTON,			
				Phone (03			_
				E- Mail pe	ieax@	es.co.n	Z

Shortwave Bandwatch - under 9Mhz

with Ken Baird in Christchurch

Please note that all frequencies should be in Kilohertz, time in UTC (=GMT = UT), initials underlined indicate reception report sent. For reasons of accuracy some positive ID from the station heard would be desireable, otherwise the ID of the station heard should be shown as tentative.

Stations heard by contributors during SEPTEMBER were (There is still a lot of interesting activity in the "basement"):-

KHz	UTC	Country, Station, Programme, & Reception Details		
3220	1040	PNG, R Morobe fair with personal msgs in Pidgin , official in EE, ID 1059,		
		news 1100 - KVB		
3235	1118	PNG R West New Britain fair/ good in Pidgin and music, ID 1110, 1201 - KVB		
3243	1543	INDIA?? AIR ?? poor in EE but too noisy to copy, bad QRN - Cc		
3275	1030	PNG, R Southern Highlands w/ pop mx & gd ID, reasonable in pidgin - DN		
3365	1109	PNG, R Milne Bay fair past 1130 in EE with news and music, ID 1110. Also		
		used slogan Voice of Kula - KVB		
3385	1112	PNG, R East New Britain fair in Pidgin with music, ID at 1137 and 1204.		
		Changed to EE at 1200 - KVB		
3905	0841	INDONESIA, RRI Merauke fair in Indo. w/ Koran then mx past 1020 - KVB		
	1101	PNG, R New Ireland fair/gd in Pidgin w/ news and messages, ID 1201 - KVB		
3935	0627	NZ, ZLXA in EE with ID at 0629, fair with sports prgm - KAB		
	1554	NZ, Radio Reading Service good in EE with relay of National Prgm - CC		
4557	1039	NTH KOREA, V of National Salvation? with mention of Korea, Wedding March		
		music, light jamming evident - DN		
4682.59	1200	LAOS, Houa Phan Regional station with Big Ben gong at top of hour and		
		local music similar to Chinese stations - DN		
4748.3	1041	PERU, R Huanta Loz Mil good in Spanish with music and many IDs - BMI		
4777	1804	· · · · · · · · · · · · · · · · · · ·		
	4790 0940 PERU, R Atlantida in Spanish with Peruvian music, fair with het - KAB			
4805	0920	BRAZIL, R dif Amazonas v good in Portugese, regular - IC		
4833	1143	GUATEMALA, R Tezulutlan good in Spanish with IDs at 1156 - BML		
4845	1756	MALAYSIA, R Malaysia with news and ethnic music, talkback, fair in Tamil (?)		
		past 2000 - KVB		
4915	0615	PERU, R Cora fair in Spanish with latin music, ID at 0622 - KAB		
4950	0915	PERU, R Madre de Dios with Spanish relig prgm. On early at a very good		
		level - IC		
4975	0407	PERU, Pacifico Radio poor / fair in EE until ID 0429 then into Spanish with		
***************************************		relig prgm heard past 0925 - KVB		
4980	0918	VENEZUELA, Ecos Del Torbes fair in Spanish with music and ID at 0925 - KVB		
***************************************	0940	VENEZUELA, Ecos Del Torbes in Spanish with Latin mx, ID at 0951, fair - KAB		
5020	0950	J1 J 1 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
		good - KAB		
5030	0950	COSTA RICA AWR fair in Spanish with music and IDs in EE and Spanish - KVB		
	0955	COSTA RICA, AWR with IS then s/on with ID and address at 0955 in EE fol-		

		lowed by Spanish prgm at 1000, fair - KAB	
5070 0620 USA, WWCR in EE with typical relig prgm, fair - KAB			
	0955	USA, WWCR with DX prgm in EE with USA address. V good signal . At 1000	
station news in EE then to RTE news from Dublin with a short se			
		RNZI news - KAB	
5076	0620	COLOMBIA, R Caracol fair in SS with comment and music , ID at 0626 - KAB	
5085	0450	USA, WGTG fair in EE with gospel music, ID at 0500 - KAB	
5470	0602	LIBERIA, R Veritas poor/fair in Vernac with Afro pop music - PWO	
5850	0700	GERMANY, Sunrise Radio in EE with ID then news, fair - KAB	
	1853	GERMANY, Sunrise Radio good in EE with competition, ID and music - CC	
5875	0630	UK, BBC WS in EE with EE learning prgm, fair - KAB	
5930	1712	CZECH REP, R prague fair in EE with music and ID, some QRN - CC	
5935	0630	USA, WWCR in EE with usual relig prgm, good - KAB	
5950	0640	USA, R Taipei Intl in Chinese with music and comment, mention of Taiwan	
***************************************	0710	and Taipei, good - KAB	
<u> </u>	0718	USA, R Taipei Intl good in EE with recipes, ID at 0730 - Cc	
5970	1935	ITALY, RAI Intl fair in EE with magazine style show, some QRM. Heard to s/off 1950 - PWO	
5975	0640	ANTIGUA, BBC WS in EE w/ prgm on Don Bradman, Gd w/ ID at 0644 - KAB	
5985	0640	USA, WYFR in EE with ID at 0645 then gospel music after IS, fair - KAB	
N.,	1158	MEXICO, R Mexico Intl opening in SS with good IDs. Some QRM // 9705 - IC	
5990	1300	THAILAND, BBC WS in EE with news - JSB	
5995	1400	AUSTRALIA, R Australia with news followed byt music - JSB	
6000	0935	BRAZIL, R Gaucha always good in Portugese, many IDs - IC	
6005	0645	ASCENSION Is , BBC WS in EE to Africa with African news, fair - KAB	
	1950	GERMANY, Deutschland Radio fair in GG w/ some QRM f/ BBC in EE - PWO	
6015	1945	GEORGIA (Tent) V of Hope with ID as High Adventure Radio Network pres.	
		via Dusheti as no sign of 6290, at 2000 dropped down to 6010 - PWO	
6020	0900	AUSTRALIA, R Australia with news in pidgin then music - JSB	
6055	1657	SLOVAKIA, R Slovakia Intl in EE with ID and music, good - CC	
6060	2000	ITALY, RAI Caltanisetta with home service prgm in Italian, poor / fair - PWO	
6065	0930	JAPAN, BBC WS in EE with music prgm. ID at 0930, fair with QRM - KAB	
	1930	SWEDEN, R Sweden in EE with 60 Degrees North, fair- KAB	
75555	2130	SWEDEN, R Sweden in EE with 60 Degrees North, poor // 9430 fair - KAB	
6089.9		CHILE, R Esperenza with clear ID in Spanish, good - DN	
6135	2000	FINLAND, YLE good in EE - IC	
	2000	FINLAND, YLE poor/fair in EE with news - PWO	
6155	1644	AUSTRIA, RAI in EE with discussion and ID good // 13730 weaker, 11855 &	
7375	0100	13710 as good - CC	
6175	0130	CANADA, BBC WS via Sackville with Newsdesk - JSB	
7010	0330	USA, BBC WS via Delano relay in EE with news etc to s/off 0700 - JSB	
6210	0617	EUROPE PIRATE R Marabu Germany?? with OM in German IDs by robot voice	
7505	7.400	with Euro pop music, poor - PWO	
6505	1400	CHINA, Northen Chinese BC System in Chinese with ID and E-mail address	
7505	1404	followed by documentary - JSB	
6505	1426	CHINA, CRI in EE with news, s/off 1457 - JSB	
18		New Zealand DX Times	

	1152	PERU, R Dif Huancabama fair in Spanish with music and ID at 1158 - BML		
6725.6	1131	PERU, R Satelite v good in Spanish with talk and IDs - BML		
	1113	PERU, R Satelite with raucous music , good - DN		
6797.7	1108			
		and IDs - BML		
6895.3	1027	PERU, R San Miguel, good in Spanish with music and echo on talk, IDs - BML		
6955	0528	USA PIRATE Free Hope Experience w/ Major Spook, oldies, fair, USB - PWO		
6972.63		LAOS, Louang Prabang in Laotian // 4682.57 which was much better. Sounded like Thai - DN		
6975	0840	COSTA RICA, RFPI good in EE - IC		
7085	1230	AFGANISTAN, R Afganistan poor in vern with 1 hr prgm, ID at 1258 - BMI		
7125	0714	GUINEA, RTV Guineene good in French and vern. with ID at close 0801. Opens		
7123	0717	0555 after IS then blocked 0550 to 0714 BMI		
	0715	GUINEA, RTV Guinea in clear when BBC s/off in Arabic at this time then with		
		French prgm till QSY at 0800 - PWO		
7130	1200	TAIWAN, R Taipei Intl in EWE with news, Mailbag - JSB		
7140	0957	RUSSIA, R Rossii with news in Russian and firm ID - DN		
7150	2110	INDIA, AIR with EE/ Hindi lesson, fair with QRM - KAB		
7173	0815	INDONESIA, RRI Serui fair in Indonesian - IC		
7180	0600	NORWAY, R Norway in EE (Sunday) with Norway Now, gd // 9590 v gd-KAB		
7210	2025	TURKEY, V of Turkey good / fair in EE . S/on 2025 then news and music - KVB		
	2030	TURKEY, VOT good in EE - IC		
7250	1950	VATICAN, R Vaticana good in EE with opening then talk on Nepal - CC		
7285	2000	PORTUGAL, DW via Sines poor in EE, mixed with Polish Radio - IC		
7295	1035	MALAYSIA, Channel Four R malaysia fair in EE past 1130 with news, severa		
IDs - KVB				
7370	1300	ALASKA, KLNS in EE with report on the Last Frontier - TTS		
7405	0430	USA, R Marti in Spanish with ID 0457 prior to s/off 0500, good - KAB		
	0430	USA, WVBM in Spanish, relig stn s/on 0459 over R Marti with monks sing-		
	- 1	ing, ID then comment with bells in background. Often repeats same music		
		for several minutes. Tent ID verified by JSB. Strong signal - KAB		
7415	0538	USA, WBCQ good with typical American relig prgm. Full IDs at 0547 & 0656		
		before s/off at 0705. Reception reports invited - HJS		
	0545	USA, WBCQ with relig prgm inviting one to write to Watchman of the Night,		
		PO Box 28850, Philadelphia 19151, USA - DN		
	0550	USA, WBCQ v good on first day of high powered operationAddress for re-		
		ports and comments requested by e-mail - PWO		
7440	1930	??? V of Russia fair in EE, and stronger than adjacent 7445 - 2 separate		
		transmissions - PWO		
7445	1100	TAIWAN, V of Asia in EE with music then talk, fair - PRP		
7504	2040	CHINA, CRI v good in Chinese, fading by 2100 - IC		
7589.9	0509	EUROPIRATE, SW Radio Relay Service with poor signals past 0600. EE IDs		
	0007	with mailing address. Also mentions R Blandengue - BDC		
		Transition of Maria Control of Maria Con		

Thanks to all the contributors this month.

73's Ken Baird

Shortwave Mailbag

with Jack Searle in Haumoana

INTRODUCTION: After a worthy 10 years as sub-editor, this is Jack Searle's final dip into the Shortwave Mailbag. On behalf of all members and contributors we thank Jack for the time and effort he has put into the job over the last decade to promote the QSLing side of our hobby. At the same time he has maintained his own reporting and QSL efforts, and we look forward to Jack's extra spare time following this 'retirement' being put to good use in front of the radio dial.

From November, knobbly knee-ed League President BARRY WILLIAMS takes over interim editorship of 'Shortwave Mailbag'. Please send your contributions to P.O. Box 3011, Auckland, or direct to Barry at 4 Kay Drive, Blockhouse Bay, Auckland.

Now its over to Jack Searle and this month's reporters.

DAVID McGAUGHEY Auckland tells me of QSLs in from Voice of Greece 9375, Radio Norway 7180, RTE via Singapore 11740, Radio Denmark 18950, Voice of Vietnem 7260 (suspected to be via a Russian transmitter site), Radio La Hora 4855 and Radiodifusora do Amazonas 4805. (David tells me that Radio Norway will no longer verify due to budgetary constraints and will soon cease using English (latter occurred late September — see elsewhere in this issue. Chief Editor)

Shortwave Bandwatch (cont.)

CONTRIBUTORS FOR THIS MONTH

<u>Contributor</u>	Receiver/Antenna
Brian Clark, Auckland	Icom ICR 70, Alpha Delta sloper
•	R 5000, 60m wire, 15m vertical
	ATS 803A, 45 m wire
David Norrie, Auckland	AOR 7030, 30m wire with balun
Jack Searle, Haumoana	ICOM R71, 100m longwires, 19 & 60m
	dipoles
Ian Cattermole, Blenheim	NRD 535, T2FD, Alpha Delta
Jon Standingbear, Beaumont	DX395 , DX350 , Siemans 98, 30m wire
Ken Baird, Christchurch	R5000, FRG 7, ATS 909 : 15m wire, 20m Windom,
	Eavesdropper antennas
Kevin Brayshaw, Levin	ICF 7600, whip with tuner
Paul Peacock, Blenheim	Sony 6800, Supreme SW Listener
	SPR4, Numerous dipoles and long wires
Tristam Speedy, Auckland	
	Brian Clark, Auckland Bill McLeod, Christchurch Cliff Couch, Paraparaumu David Norrie, Auckland Jack Searle, Haumoana lan Cattermole, Blenheim Jon Standingbear, Beaumont California, USA Ken Baird, Christchurch Kevin Brayshaw, Levin

Contributions to this column may be sent to PO Box 3011, Auckland, or K A Baird,10 SARABANDE Avenue, Christchurch, 5. Ph: +64 3 352 6455 FAX: +64 3 354 1347

IAN CATTERMOLE, Blenheim. With his usual good list from Voice of Turkey 7190, KSDA 9535, 13840, TWR Swaziland 9500, Libya LAJ 15435, FEBC 11650, Channel Africa 11900, Radio Korea International 9535, 9515, 9650, Universal Life Radio 12015 and same via Hawaii 17780, Radio Canada International via Xian 7150, Radio Mexico International 9705, Deutsche Welle via Trincomalee 11865, WSHB 7510, 9835, 15285, 15565, China Radio International 9700, 9570, 9745, 12110, Radio Vilnius 9855, Swiss Radio Intl 9840, Radio Roumania Intl 9690, VOA USA 15405, Radio Ukraine Intl 5905, 7180, Radio Japan via French Guiana 13660, Radio Bulgaria 7530, Croatian Radio 9830, Radiobras Nacional 11765, 11780, Radio Espana Exterior 9855, 11890, Radio Prague 21745, Saudia Arabia 9530, The Overcomer 13740 and Radio Tashkent 9375, 9530. (Thanks Ian. The info from Mexico interesting. Haven't heard them in a long while so must give them a twirl soon. Ed)

PAUL ARONSEN, Wallacetown. From Southland comes a report of QSLs in from Libyan Jamahiriya Broadcasting 15435 and Radio Huayacocotla Mexico 2390 with just 500 watts of power. (Thanks Paul — a nice Mexican there. Ed)

PAUL PEACOCK, Blenheim. Another Paul from the other end of the island also has 2 verifications in: China Radio International 11980 and Radio Espana Exterior 11830. (Great typeface! A joy to behold! Ed)

BRYAN CLARK, Auckland Our extra busy Auckland Treasurer cum DXer cum Editors rep cum Office Boy has just one QSL back from WHRA 9400, a special test QSL. (Thanks Bryan for the explanatory letter enclosed. I am left wondering how you find time to go to work? A question I have asked myself many times since retiring from those who get paid..... Ed)

JACK SEARLE, Haumoana Not a lot of activity here but some dribbling back... just 3, all from Radio Telefis Eireann via Julich 15625 and Singapore 15360 for a special broadcast of the All Ireland Hurling finals and another from Singapore being their regular 1000 UTC transmission for Australasia 11740kHz. All very prompt replies.

JOHN DURHAM Tauranga. A last minute arrival from John who has received QSLs from WHRA 15460, Country Music Radio 11915 and Radio Caroline 13690, both via Merlin Communications, The Overcomer via Julich 12055 and Radio Silver 11470 USB via Shortwave Relay Service Firenze (Italy).

SHORTWAVE BEST OF THE MONTH

I have wondered seriously about awarding any at all this month with so few QSLs even worthy of consideration but have decided that they should go to:

Under 9 megaHertz - Paul Aronsen for XEJN Radio Huayacocotla, Mexico 2390 kHz 500 watts

Over 9 megaHertz - Ian Cattermole for Trans World Radio Swaziland 9500kHz, 100 kilowatts

Jack Searle

REMINDER: Contributions next month to P.O.Box 3011, Auckland or direct to new subeditor Barry Williams, 4 Kay Drive, Blockhouse Bay, Auckland.

Shortwave Report

with Matt Francis in Canberra

ALBANIA - Radio Tirana is on 0045-0100 on 7160 (//6115 not audible Sept 22) & 0130-0200 6220 & 7160. Both freqs at 0130 are well-heard, although 7160 had some amateur radio operator QRM Sept 22 (Ivan Grishin, Ont., World of Radio 958)

ARGENTINA - An opportunity to hear Argentine stations that alone operate only on MW. Listen to 15820 LSB at different times of the day: on Oct 4 I heard at 1100 Radio Diez (710 MW) from Buenos Aires. Yesterday at 2015 I heard LS5 Radio Rivadavia, BA in parallel with 630 MW. On other occasions it is possible to listen to Radio La Red (910 MW) from BA with sport transmissions. People hearing these stations have trouble identifying them, or wanting addresses of the stations or verie signers, can contact Arnaldo L Slaen (slaen@ciduad.com.ar). (Slaen, in 'Hard Core DX', 4/10/98)

AZERBAIJAN - Voice of Azerbaijan via 200 kW transmitter in Baku: 0200-0300 Azerbaijani; 1100-1200 Turkish; 1200-1400 Azerbaijani, 1400-1500 Persian; 1600-1700 Arabic, 1700-1800 English/Russian, on new frequency 9165, good reception here, but bad modulation and spurious signals +/-10v khz: 9175v/9155v. (x6110)(Panlview-BUL, Sep 1 via BC-DX 384)

BELGIUM - On RVI Radio World Sept 20, Frans Vossen gave the D98 English schedule, including the frequency for the new English relay via Bonaire to North America at 2230 starting Oct 25: 13670 (Alex Draper, Ont., and Edwin Southwell, England, World of Radio 958)

CENTRAL AFRICAN REPUBLIC - Plans to establish a United Nations Radio station in Bangui for upcoming elections in this country have been postponed. UN Radio Manurca had planned to go on air on 11300 khz from early September with programs about civic education and the election process. However, the SW transmitter is held up in customs at Bangui airport, and the Danish technical operator has returned home sick. (Stig Hartvig Nielsen, to 'rec.radio.shortwave' news group)

GERMANY/UNITED NATIONS - UN Radio starts Monday-Friday broadcasts via Deutsche Telekom on Oct 12; languages not specified here: 11885 0400-0430; 5995 0500-0530; 11660 0500-0530; 11675 0600-0630; 13800 1700-1730; 5910 1800-1830; 5910 1800-1830; 6175 1800-1830; 11830 1800-1830; 11735 1900-1930 (DTK via Andreas Volk, BC-DX, via World of Radio 958)

-See last month's 'Under 9 mHz' column for a logging of Brother Stair and 'The Overcomer Ministry' on 3960. This is via Juelich, scheduled 1800-2359.

-Also in last month's 'over 9 mHz' column, a logging of 'Good News World Radio'. This is scheduled via Juelich as follows: 9855 0100-0159 Sun; 13740 0700-0759 Sun; 5910 0900-0959 Sat; 15385 1300-1359 Sat; 15105 1600-1659 Sat; 11605 1700-1759; 9640 2300-2359 Sun.

MADAGASCAR - Radio Netherlands informs us that the new transmitter at Talata Volondry is now on the air for the relay of programming from AWR. It replaces the former 7.5 kW unit and it is rated at 50 kW, not 25 kW as previously indicated. It is carrying AWR programming in French and Malagasy on the same channel, 3215. Reception report's on AWR programming would be appreciated and should be sent to AWR at Box 383, Forli 47100, Italy. (Dr. Adrian M. Peterson, AWR DX Editor, via Martin Elbe, Sep 22 in BC-DX 384) For which the schedule is on 4960: 0230-0300 French, 0300-0330 Malagasy, 1530-1600 Malagasy, 1700-1730 French. (MF)

NORWAY - Radio Norway International ceased English broadcasts on shortwave as of Sunday 27 September. Parent broadcaster NRK deemed it should no longer be responsible for funding the English 'Norway Now' program and proposed the Ministry of Foreign Affairs could fund it. No such outcome as yet, so RNI will only be heard in Norwegian.

PAPUA NEW GUINEA - NBC's normally reliable transmitters on 4890 and 9675 which carry the 'Karai' national service have been absent for some weeks now. Both are off air due to technical difficulties and are awaiting delivery of spares from the US. (MF)

SRI LANKA - SLBC home service: 4870 2330-0200, 1000-1600 Sinhala commercial; 4902 2300-0200, 1100-1600 Sinhala; 4940 2315-0200, 1000-1600 English; 6075 0200-1000 Sinhala (24h special occ. And full moon days); 6130 0200-1000 English; 6150 0200-1000 Tamil; 6185 0200-1000 Sinhala commercial. External service: English 0030-0430 15425, 9730, 6005; 1030-1130 17850, 11835; 1230-1630 15425, 9730; 1830-2130 6005; 1900-2000 Sats 6010 via Skelton, UK; Tamil 0800-1330 11800, 7190; Hindi 0030-0430 11905, 1515-1630 7190. (Guha in DX Window 132/DSWCI)

USA - The 30-minute version of Kim Elliot's 'Communications World' program (otherwise heard in 9-minute segments on VOA 'News Now') is being aired on WWCR on Saturday at 2200 on 5070, and Monday 0500 on 3210. The 30 minute version of 'CW' is taken from the World Radio Network feed and will be followed by Glen Hauser's 'World of Radio' program. The airtime for 'CW' has been paid for by Grove Communications. (Kim Elliot, VOA, 26/9)

BRANCH NEWS

AUCKLAND

An excellent turnout for September's meeting - 25 members with two visitors including David Sharp from the storm-tossed state of Florida USA.

Branch business was kept to a minimum, dealing only with DXpeditions and overdue subsciptions. Dr Gary Bold, a physicist from Auckland University gave an absorbing talk on propagation and its effect on communications.

SOUTHLAND

The September meeting was held at Don Collie's residents with 9 members present and 4 apologies. The usual business was attended to, in general Paul brought some Oamaru branch news and some internet DX tips. Eddie reports that the lawns have been mowed at Tiwai. Laurie reports some progress to the alternative DX site at Oreti beach and possibly two new members.

Competitions results: BC, E MacAskill HJCZ Colombia 690Khz 50Kw 92 Pts. Over 9/, L Robinson Radio Minsk Belarus 11.670Khz 100Kw 98 Pts. Under 9/, P Aronson Radio Huaycocotla Mexico 2.390 500W 140 Pts. The raffle was won by Don Collie and the meeting closed at 9 PM

ATTEND THE NZRDXL'S 50th AGM Saturday 14 November - AUCKLAND

NEW ZEALAND RADIO DX LEAGUE (Inc.)

The New Zealand Radio DX League (Inc.) is a non-profit organisation founded in 1948 with the main aim of promoting the hobby of Radio DXing. NZRDXL is a founding member of the South Pacific Association of Radio Clubs (SPARC).

The NZRDXL is administered from Auckland by: NZRDXL AdCom, PO Box 3011, Auckland Patron - Jack Fox

National President - Barry Williams barrydx@voyager.co.nz

National Secretary - Evan Murray (Tel. 09 483 9543)

National Vice President - Graeme Dixon gdixon@voyager.co.nz

Treasurer - Bryan Clark clarkb@sparc.org.nz

Annual Membership:

Within New Zealand - NZ\$35.00.

Australia/Pacific Islands - A\$35.00

Asia/North America - US\$30.00

Rest of World - US\$33.00

All overseas members get airmail delivery of the NZ DX Times magazine.

Club Stationery - Address all orders & enquiries to NZRDXL Stationery, 4 Kay Drive, Blockhouse Bay, Auckland.

Club Magazine:

The NZ DX Times, PO Box 3011, Auckland. Published monthly. Registered publication. ISSN 0110-3636.

Chief Editor - Andy Gardner andyg@radio.net.nz @ All material contained within this magazine is copyright to the New Zealand Radio DX League and may not be used without written permission (which is hereby granted to exchange DX magazines). Where such permission is given, acknowledgement of the NZ DX Times and the original contributor is required. Advertising Rates:

"Marketsquare" members advertising is \$3.00 payable in advance.

Commercial rates on request.

Support your magazine by mentioning the DX Times when replying to advertising.

Postage Paid Porirua, NZ Permit No. 27



BRYAN D CLARK 12 BONGARD ROAD MISSION BAY

NZ DX Times PO Box 3011 Auckland EW ZEALAND

