

CONTENTS

REGULAR COLUMNS

Talkback	3
<i>with David Ricquish</i>	
Bandwatch Under 9	8
<i>with Ken Baird</i>	
Bandwatch Over 9	13
<i>with Andy McQueen</i>	
Shortwave Mailbag	18
<i>with Laurie Boyer</i>	
Shortwave Report	18
<i>with Ian Cattermole</i>	
English in Time Order	29
<i>with Yuri Muzyka</i>	
TV/FM	30
<i>with Adam Claydon</i>	
Utilities	32
<i>with Evan Murray</i>	
Broadcast news/DX	35
<i>with Tony King</i>	
Unofficial Radio	39
<i>with Paul Ormandy</i>	
ADCOM News	42
<i>with Bryan Clark</i>	
Branch News	43
<i>with Chief Editor</i>	
Marketsquare	44
League Ladders	46
<i>with Stuart Forsyth</i>	

FEATURES

Article: Ship Radio	1
<i>by Adrian Peterson</i>	
Technical Articles in DX Times 1980-2001 (Part 2)	23
<i>by Cliff Couch</i>	
Book Review	26
<i>by Andrew McQueen</i>	
South African SW Logged in NZ July'02	27
<i>by Paul Ormandy</i>	
League Subscription Renewal Form	47

station incorporated into it at the time of construction.

The radio station consisted of two studios; one for group broadcasts, and the other for announcer presentation. The crystal controlled transmitter was rated at 1.5 kW, though the QSL card states that the output into the antenna system was just 50 watts. This would seem to suggest that the original broadcast transmitter malfunctioned quite early and that the broadcast programs were then radiated from the ship's communication transmitter. The original AWA transmitter could operate on any wavelength between 20 and 50 meters.

The first test broadcast from 9MI was made on April 21, 1936 during sea trials in the Firth of Clyde. The new MV Kanimbla began its delivery voyage from Northern Ireland to Australia at 4:00 am on April 26, 1936. It is reported that the radio station 9MI made four test broadcasts each day during this 15,000 mile journey to Australia.

The official inauguration of the new radio broadcasting station VK9MI was made in a special broadcast to Australia while the ship was south of the continent in the Great Australian Bight, 1,000 miles from Sydney. At 8:00 pm Eastern Australian Standard Time, VK9MI went on the air shortwave and the program was picked up and relayed throughout Australia over the ABC mediumwave network. This inaugural broadcast from 9MI was made on 11720 kHz, though subsequently the regular channel was 6005 kHz, though this was modified in April 1939 to 6055 kHz. The at times irregular schedule from VK9MI was usually half an hour or an hour a few evenings a week. The Kanimbla plied with passenger traffic backwards and forwards on the southern route between Western Australia and Queensland, and the ports of call in this shuttle service were Fremantle, Adelaide, Melbourne, Sydney, Brisbane and Mackay.

The local AWA mediumwave stations on land in each of these areas frequently relayed the shortwave programming from VK9MI to the local audience. Among these stations were 2AY in Albury New South Wales, 3BO in Bendigo Victoria, and 4CA in Cairns Queensland.

On many occasions, radio station VK9MI was heard on shortwave throughout Australia and New Zealand, and many QSL cards were signed by the famous station manager and announcer Eileen Foley. But, as time went by, the transmitter began to malfunction



VK9MI Studios. Reproduced from a
Painting by Charles Bryant.
From the Eric Shackle Collection,
NZ Radio DX League Archives.

and it produced a noisy wide signal in the 49 metre band. At the outbreak of the European War at the beginning of September 1939, VK9MI was silenced, along with all other experimental shortwave stations in Australia.

The “Kanimbla” then became a troop carrier, and after the war, it was unceremoniously scrapped.

The unique ship broadcasting station VK9MI was on the air therefore for a period of just three and a half years. All that is left of this radio station these days is found in radio memorabilia, such as entries in old radio magazines, and articles and books on the history of radio broadcasting, and a few isolated QSL cards in old QSL collections.

During the entire period of on-air activity, only one QSL card was printed to verify reception reports.

The Pacific Heritage Collection in Dunedin holds a few copies of this exotic QSL card, the CPRV collection in Maryland USA holds at least one copy, and there is just one copy of this valuable QSL card in the Adventist World Radio QSL collection in Indianapolis USA.

talkback@radiodx.com

Compiled by David Ricquish, Wellington



Congratulations. The winner of the second e-DXT subscription promotion is **Violet Harrison** of Richmond, Nelson. The book *History of International Broadcasting, Volume 2* by James Wood is on it's way. We hope you enjoy it Violet, and look forward to hearing more from you in the DX Times.

Yes, we have a new prize for e-DXT subscribers. More details at the end of the column, and our thanks to *Rough Guides* in New York for making the great new prize available.

Eric Shackle, Sydney writes *I'm amazed at the amount of info you've dug up (KELW Burbank story at www.radiodx.com) and it makes entertaining reading. I'm not sure if you're right in calling it a brief story! Many thanks for sending it to me.* (Eric's 1935 QSL of KELW is the basis for the article which explores early Tejano music and links with New Zealand).

Graham Barclay, Napier says *as you may know, we've a listing of the majority of LPFM stations in New Zealand at www.geocities.com/CapeCanaveral/9885/micronz.html and because of the changes of frequencies from 100 to 106.7-107.3 and narrowing of the 88*

mHz range, many stations will have changed their frequency or other operating info.

He asks if readers could send him details at soundwavemfmxtra.co.nz or PO Box 3103, Onekawa, Napier. (This is a useful site to track changes in LPFM and get a rough idea of who's on air these days. With daily changes and hundreds of stations, the site is of major value to FM DXers.) Updates reported in the FM/TV DX column are added to Graham's database also, so please keep Adam informed.

Barry, Leicestershire UK (via email) tells us that BRS 29858 means British Receiving Station. And the number is his membership of the Radio Society of Great Britain. His receivers are a Yaesu FRDX400 and FRG7. Barry says *I like DX and good old rag chews* and is housebound so enjoys hearing from DXers at Silverfox8442@aol.com

Meanwhile, **Rupert Bullock, UK (via email)** adds *BRS numbers are issued by the RSGB for members without a transmitting licence. I was BRS 52929 before getting my amateur licence back in 1983. Keep up the good work, the DX Times is always an interesting read.*

Pacific Island Radio Network will be on air nationwide in less than a month. Scheduled on frequencies in the 100-108 FM range, PIRN begins on September 1. According to information from **Paul Ormandy**, programs will be supplied by the Pasefika Communications Network which is owned by the same community trust which operates 53IPI in Auckland. The non-profit network has state funding for four years, and will operate 24/7 in various Pacific languages. Check frequencies from now for tests nationwide.

Phillipa Downie, NZ (via email) writes *I came across your site purely by accident and was intrigued to find information about the beginning of broadcasting in Samoa. I was surprised that there was no mention of my father, who actually established 2AP.*

He was Major Elliott Lloyd. He, my mother and myself moved from New Zealand to live in Apia. The station broadcast 5 nights a week. During the day, my father administered the station, and at nights he announced the programs he'd concocted during the day.

My mother Peg broadcast a Women's Session and also a Childrens Hour. Stahlin, the Samoan announcer, was a fluent bilingualist and gave daily translations of the news both foreign and local into Samoan.

In those days, there were not a lot of radios in Samoa, but I believe every village had one given to them by the government when the station first went to air. Unfortunately, my father died in Samoa and is buried there at Magiagi Cemetary. (Phillipa, thanks so much for sharing these memories with us. When time permits, we'll have more information about 2AP at www.radiodx.com and in the meantime, hope you may be able to add a story yourself).

Graham Kemp, Brisbane, Queensland checks in next. *What a site! Great work. I work in commercial radio as Program Manager for Radio TAB covering South Australia, Northern Territory and Queensland from our studios here in Brisbane.*

During 1966-67, when serving in South Vietnam, I started a low power station (RADIO DJ VIETNAM) where we did live shows and played tapes supplied by RADIO DJ in Australia.

For almost 10 years, I've edited and presented Qnews, a weekly Ham Radio news service for the Wireless Institute of Australia. (Check out www.wia.org.au/vk4 have a chat with Graham at VK4BB and listen to 4TAB 1008).

Paul Aronsen, Invercargill has issued the latest *Southland DX Digest* with news of the planned Southland Branch AGM elections this month, news of Stu Forsyth's visit to Ray Crawford in Brisbane and meeting with Chris Martin and his aerial farm where the dial is covered with Mexicans! Art Rouw from Europe details his experiences with airport security in the USA when taking SW receivers in his hand luggage. One even checked the gear for

chemical residue. Suspicion was fairly high most of the time. And, news of the 7 year wait for a QSL from KCWW 550 Bakersfield CA which finally reached Paul Ormandy.

Zenro Suzuki, Tsuruga, Japan notes *I'm now collecting information from domestic sources about the power of Tsuruga's 1180 relay of WVTQ Osaka and the exact sign-off details for the FEN Nagoya relay station.* (Thanks again Zenro, it's good to have your help with our project on the Jungle Network and FEN radio stories at www.radiodx.com)

Also from Japan, **Connie Watanabe (via email)** asks *I heard that Charlie Walker and the Texas Troubadours were the first real country group to perform in Japan, on WVTR Radio Tokyo. Is this true? They performed live in 1945, most days, from 5-5.30pm. I'm good friends with Charlie and trying to help him get some of his history organised into a book.*

(If any reader knows more about Charlie's broadcasts from WVTR, please let us know here at Talkback or write Connie at 123@asahi-net.or.jp)

Ralph Sutton, Wellington sends details of the **Bonaire digital tests** on 15520 at 2130-2325 with a simulcast analog/digital at the same time. Analog tune to 15530, digital 15515-15525 and check www.mw.nl for latest news on Digital Radio Mondiale tests and news.



Japan Far East Network 1955

<http://www.yokota.af.mil/afn/History.htm>

Ralph also says **KPH and KFS** the ex-RCA coast station north of San Francisco returned to the air July 12 for a commemorative broadcast. This was the 3rd *Night of Nights to honor the men and women who followed the radio telegraph trade on ships and at coast stations around the world.*

KPH/KFS transmitters are at Bolinas, CA and use 4-5kW power, operated by the Maritime Radio Historical Society



KPH Studio

(www.radiomarine.org) in co-operation with Point Reyes National Seashore (part of the US National Park Service) and a similar broadcast is planned for 2003.

Eric Walton, Vancouver, Canada has an interesting note from **Roger Boyden of VIM Melbourne** who says: *as you know, Telstra Coast Stations closed down across Australia at 0000UTC on July 1. I made the closing broadcast on VIM and have just arrived home from my last day there, sorting out old paperwork and pulling the station to pieces.*

Eric adds I've logged and QSL'd all the Australian coastal stations going back 20+ years, the New Zealand stations and the US AT&T stations before they closed down.

Roger used to be Chief Radio Operator for P & O and Cunard passenger lines and we

share a lot in common. Allow me to take this opportunity to send my very best wishes to all at the NZRDXL and my old contacts, **Peter Grenfell** and **Ron Killick**. I really enjoy the DXT and keeping up with what's being heard in Kiwiland.

Use a Hammarlund? A group of enthusiasts have created a site with lots of information, including many free downloads of Hammarlund manuals. The bright new format of the site is encouraging more visitors, so check out www.hammarlund.info for all you need to know about these great DX receivers. Thanks **Bill Smith, Dallas, TX** for this useful tip.



Another tip from Bill is www.airwaves.com for updated news on call changes to US radio stations from the FCC database. With Hawaiians like KIFO 1370 changing to KMDR it's hard to keep track of the switches. Try this site.



Remember 3EE Melbourne? If you were like me and got a bit confused with 3EE and 3MP and who was where on 693 and 1377, then check out www.magic693.com for a useful history of the Melbourne stations. The Magic 693 format has proved a winner and unless you live in Dunedin, you should

be able to hear the nostalgia format most nights.

Dave Onley (via email) suggests visiting www.dxing.info/articles/chinese_dxing.dx (a site maintained by Mika Makelainen) for a fascinating article *The Inside Story: DXing and Broadcasting in China* by Danny Wu. For most DXers, this is one of the last frontiers where local knowledge has been scarce.

Now, thanks to Danny and the efforts of other Chinese DXers, the *Bamboo Curtain* is rapidly being lifted and you can find discussion forums on Chinese radio, programs, DX tips, links, station ID recordings and much more. Much of the information is in Chinese, but via this website and some English speaking Chinese DXers, you should be able to find answers to some of your questions and maybe help with QSLs.

And, if you can reciprocate and help the emerging hobby of radio DX in China, then I'm sure readers will find different ways to be able to do so.

Also via **David Onley** is news that the ABA plans to impose more conditions on **narrowcast radio** in Australia. The conditions seem to impact most on HPOB (high power) and networks, although some individual licences I've seen for narrowcast X-Banders are very restrictive for coverage. With so many stations in close geographical proximity either on the same channel or adjacent channels, DXing the Australian narrowcast and X-Banders is already challenging. More details at www.aba.gov.au

David Wechsler, New York, NY has kindly sent a copy of *The Rough Guide to Internet Radio* by LA Heberlein. This 400p little book (fits neatly into the car glovebox) (*I bet the Computer doesn't though. Chief Ed*) is distributed by Penguin. ISBN 1-85828-961-0 and, like all Rough Guide publications, pulls no punches.

Want to know about the software needed to listen to internet radio? Just get the free downloads of RealOne or MusicMatch and forget the ones that cost money for little practical extra value. There are great guides to stations, formats and specific programs from around the world. These are nearly all AM/FM or SW stations, so it's like a neat guide to what's worth checking out around the dial. It's just that these guys stream audio as well.

New Zealand gets a surprising number of mentions. RNZI, and student stations in Auckland and Wellington have recommended programs for world listeners. The focus is on non-commercial radio formats and programs. This is useful because the plug is being pulled on many US based commercial station streams after the royalty decision which will cost them millions. A great shot in the foot by those record labels who want people to listen to their artists.

David says *I can see how Internet Radio may take the fun out of DXing* but I think the experience of many DXers is that it adds to the hobby more than it takes away. This book is well worthwhile as a guide to great radio. It retails for US\$9.95. I've already started using it as a quick way to find interesting music, news and lifestyle programs.



You can win The Rough Guide to Internet Radio! Yes, this is the one now up for grabs for everyone who subscribes to the electronic version of the DXT between September 1 and November 30, 2002. You'll go in the draw to win simply by subscribing at www.radiodx.com during this period. So, sign up today, for over 500 pages of DX news every year with a real Pacific flavor.

After a lot of consultation, the **Latin American DX Tour** has been cancelled mainly because of safety and security reasons. Air services from Auckland to Buenos Aires are also not sufficiently stable, in our opinion, to rely on for the tour. Insurance advice indicates that visitors to the region are not covered for some events. Travel insurance from New Zealand now specifically excluding kidnapping cover in Latin America.

Whilst we think the cities to be included in the itinerary are very safe, checks with friends in Lima and Buenos Aires and embassy travel advisories reveal personal security concerns resulting from the current economic situation in most of them which mean the responsibility of taking a group of 20 people around may not be wise. The recent closure of banks and ATMs even in Uruguay also means that access to travel funds en route may not be assured. We were approaching 50% of places available being booked or under serious consideration so we're sorry for the cancellation. We're aware of other tours to Argentina and the region which are likely to be cancelled for similar reasons.

African Bandwatch Competition ends this month, so I hope you got your entries in. The two winners of the *China Radio International* T-shirts will be chosen shortly. Good to see quite a few African loggings appearing last month, and if you like these sorts of promotions to have the chance to win something extra, drop a note to *Talkback* with any ideas for future competitions.

Remember, enter your African loggings into the **Vacation BCL Contest** for more great prizes. See full details in the May issue of the DXT and make sure you get your details to the [contest organisers in Paris](#) as soon as possible.

As usual, I hope there's something of interest in the column for everyone this month. It's a little shorter than planned, and I'm sure I've missed some contributions for which I apologise. Unfortunately, our car was recently hit from behind resulting in an injury to Jo. More xrays are needed to clear her of a possible stable neck fracture, and along with my elderly mother being hospitalised after a fall, these and other events have simply overtaken

hobby matters.

Actually, we're going to take a break from the column in September, but hope you'll join us here again in October. In the meantime, we plan to enjoy some Queensland sunshine and leave the Chief Editor with some space for many articles we know he's got lined up. Which reminds me, as usual, the

Radio Heritage Collection © at www.radiodx.com has a new bunch of articles worth reading so enjoy your world of radio this month, wherever it may take you.

bandwatch.under9@radiodx.com

Compiled by **Ken Baird, Christchurch**



Please note that all frequencies should be in Kilohertz and, time in UTC (= GMT = UT), # indicates reception report sent. For reasons of accuracy some positive ID from the station heard is desirable, otherwise the ID of the station heard should be shown as tentative. Similarly for languages - either IDed, Presumed or Unid. Also, would you please add the date of logging to your information.

kHz UTC Country, Station, Programme, & Reception Details

2390	1200	MEXICO, R Huayacocotia, Veracruz fair with s/on 1200 then band music — PGA
3230	1932	STH AFRICA, World Beacon poor in EE with address — # GJ 14/7
3255	2113	STH AFRICA, BBC poor in EE with stock market report — # GJ 3/7
3260	0939	PNG, R Madang re-activated with election returns in a mixture of EE and Tok Pisin, fair — PWO 11/7
3279.5	0720	ECUADOR, R Maria del Ecuador fair in Spanish — AJS 30/7
3291.3	0858	GUYANA, V of Guyana with EE talk and ID followed by pop music, fair — RAD 2/7
3300	0857	GUATEMALA, R Cultural fair in Spanish with surging carrier, modulation good with music but poor with speech, ID 0859 — KVB 30/7
3320	0253	STH AFRICA, R Sonder vGrense poor in Afrikaans with pop music — # GJ 11/7
3345	0756	PNG, R Northern in Tok Pisin with time check and pop music, ID 0859, election talk, ID 0900. Has been inactive since April 2002. Also weak audio on 3395 PWO 8/7
3365	1230	PNG, R Milne Bay with pop music, good in EE with relay of National prgm, ID 1247, news at 1300 — KAB 25/7
3366	1942	GHANA, GBC with news in EE at 2000 — # GJ 4/7
3395	1950	PNG, R Eastern Highlands with carrier until 1956 then PNG pop song, YL with ID and MW freq in Tok Pisin at 1958, NBC news from Port Moresby 2000 — PWO 22/7
3850	0907	PNG (Bougainville), R Independent with Om in Tok Pisin talk then country song. Best heard here since activation — PWO 19/6
3905	0936	PNG, R New Ireland good in Tok Pisin with a variety of EE, ethnic and relig music, ID 1001 — KVB 30/6
4635	2040	TAJKISTAN, Tajik Radio with spoken prgm, fair most mornings — PGA
4717	1032	BOLIVIA, R Yura good in Quechua with folk music ID 1101 — KVB 23/7
4747	1009	PERU, R Huanta 2000 fair in Spanish with folk music, ID 1016 — KVB 30/6
4748	0935	PERU, R Huanta 2000 fair in Spanish with flutes with ID "Radio Huanta dos Mil" — EMM 19/7
4770	2011	NIGERIA, R Nigeria, Kaduna fair in EE with news commentary — # GJ 4/7

4775	1007	PERU, R Tarma fair in Spanish, bright music, rooster, ID/freq 1028 — KVB 23/7
4820	1810	BOTSWANA, R Botswana fair in EE with YL with main points of news - # GJ 15/7
	2045	CHINA, Xizang fair in Chinese with spoken prgm — PGA
4825	0725	BRAZIL, R Cancao Nova poor in Portuguese with talk and music // 9675 better — KAB 1/7
4835	2320	MALI, ORTM good in French with local and French songs, relay of 99.9 FM - # GJ 2/7
4840	0955	CHINA, PBS Heilongjiang fair/good with animated discussion, news, and ads, ID 1000, 1030 — KVB 28/7
4845	2015	MAUTITANIA, R Mauritanie good with talk in unid language - # GJ 4/7
4856	0959	PERU, R La Hora fair in Quechua with s/on, lively music, ID 1002 — KVB 10/7
4860	1322	INDIA, AIR Delhi in Urdu then into EE at 1326 with train timetables, fair — # MG 28/6
4877	0945	BOLIVIA, R La Cruz del Sur fair in quechua with usual folk music and ads ID 0957 — KVB 30/7
4890	0420	GABON, RFI poor in French with interview, 0423 RFI Cotonou 90 FM - # GJ 14/7
	0901	PNG, Port Moresby good in EE with national news, ID at 0909, then election talk — RAD 2/7
	1949	PNG, R Australia relay over Port Moresby v good in EE with jazz fm "Caf� in Venice" albumn, ID 2000, news intro then silence — KVB 5/7
4915	2000	GHANA, GBC good in EE with news - # GJ 4/7
4925	1224	INDONESIA, RRI Jambi with Indonesian commentary of World Cup soccer final // 4753 RRI Makassar fair also — # MG 30/6
4930	1940	TURKMENISTAN, Turkmen Radio presumed weak in EE with agricultural news, back to Turmen language after brief music at 1944. A new EE segment in addition to 0840 & 1540?? — PWO 31/7
4950	1915	SAO TOME, VOA v good in EE with prgm of hip-hop music - # GJ 6/7
	2050	SAO TOME, VOA good with EE prgm — PGA
4960	0438	SAO TOME, VOA v good in EE with anti AIDS prgm - # GJ 5/7
4965	1935	ZAMBIA, Christian Voice poor in EE with e-mail address - # GJ 6/7
4975	0730	BRAZIL, R Mundial with ads, good music, YL & OM singers. Co-channel with R Del Pacifico which Ided 0735 — KAB 1/7
4976	2035	UGANDA, R Uganda good in EE with talk on natl development prgm - # GJ 3/7
4985	0801	BRAZIL, R Brazil Central good in Portuguese — AJS 27/7
4991	0735	SURINAM, R Apintie presume the one with weak signal and Hindi sounding music, usually heard with EE pops — PWO 18/7
4991.5	0919	PERU, R Ancash poor in Spanish with verbose MA, Andean music, ID 0929 — KVB 16/7
5010	0302	MADAGASCAR, R Malagasy poor with Afro music with short announcements - # GJ 24/7
5019.9	1018	SOLOMON IS, SIBC fair in EE with world news, ID at 1030 and relig talk, needed LSB to avoid noise — RAD 1/7
5020	0925	SOLOMON IS, SIBC fair in EE with talk in Bismala, bible reading in EE, some QRN — CC 24/7
5030	2059	BURKINA FASO, R Burkina good in French with Magazine Sportif - # GJ 3/7
5050	1905	TAZANIA, R Tanzania fair in Swahili with news and reports - # GJ 15/7
5241	0730	ARGENTINA// R Continental fair on LSB — AJS 31/7
5745	1005	USA, VOA very good in EE with news to Central America — # MG 14/7
5855	0330	BOTSWANA, VOA excellent in EE with top news of the hour with Ray Kouguell - # GJ 8/7

5875	0305	???, BBC WS fair in Russian with comment, ID 0329 — KAB 29/6
5925	0345	STH AFRICA, RFI v good in French with sports news, 0348 report on Hydro-Congo - # GJ 23/7
5935	1848	LATVIA, Laser Radio tests, tentatively pop music format here weakly on Sundays 21/7, 28/7. Clear until CRI opens 1945, further Sunday tests due — BDC 28/7
	2100	LATVIA, Laser Radio poor from 2100, better by 2130 with pop and rock prgm, no ID heard, off at 2200 with no announcement, futher tests in the future — JB 13/7
5955	0400	Channel Africa fair in EE with news cast - # GJ 8/7
5970	0604	SAO TOME, VOA good in EE with Daybreak Africa - # GJ 16/7
	1823	STH AFRICA, AWR poor nin EE with relig songs, 1827 AWR addresses - # GJ 17/7
5975	0415	ANTIGUA, BBC WS good in EE with World Today — RP 1/6
5980	0430	BOTSWANA, VOA v good in Portuguese with ID, news - # GJ 10/7
5990	0959	BRAZIL, R Senado Brasilia in Portuguese good with bossa nova honouring victory in World Cup — EMM 1/7
5996.5	0652	PERU, R Melodia fair in Spanish — AJS 30/7
6000	0430	CUBA, R Havana fair in EE with news, ID 0436, some noise — CC 7/7
6005	0421	ASCENSION IS, BBC WS excellent in EE with report on Charlie Chaplin, 0423 sports news - # GJ 21/7
6015	0510	STH AFRICA, AWR via Meyerton weak in EE — IC 3/7
6020	1900	MADAGASCAR, RN poor in EE with story from India - # GJ 9/7
6035	0340	STH AFRICA, Channel Africa fair in French with spoken prgm about Madagascar - # GJ 10/7
	2025	SAO TOME, VOA fair in EE with Africa World Tonight - # GJ 4/7
6040	0300	BRAZIL, R Clube Paranaense fair with upbeat music, good ID at 0330 - # JSB 5/7
6045	0530	SAO TOME, VOA poor in French with Eric Agnero - # GJ 1/7
6050	0300	STH AFRICA, BBC WS poor in Swahili with time pips and news headlines - # GJ 23/7
6064.5	0754	COLOMBIA, La Voz de tu Conciencia noted again so back here from 6060 or a re-activation??ID 0756 then relig message, ID 0801 — PWO 23/7
6070	0428	CHILE, R Voz Cristiana good in Spanish with music and ID at 0429, distorted // 11745 poor — CC 30/7
6075	1805	PORTUGAL, Dwelle v good in German with ID, some QRM - # MG 13/7
6080	0330	SAO TOME, VOA poor in EE with VOA News Now - # GJ 9/7
6089.9	0800	CHILE, R Esperanza at good level with light Christian vocals and relig talk, ID/freq at 0858 — JB 14/7
6090	0558	LUXEMBOURG, R Luxembourg on for special test broadcast, ID then pop tune, talk at 0600. _ PWO 10/7
	0920	CHILE, R Esperanza fair in Spanish with relig music and long spoken segments, ID 0923, 1020 — KVB 14/7
	1831	LUXEMBOURG, R Luxembourg fair with test broadcast in German, ID as RTL at 1950 — BDC 10/7
	2050	LUXEMBOURG, RTL fair with EE pops, in German, better on LSB, ID 2104, off at 2105 — KAB 10/7
6095	1155	USA, WSHB fair in EE with relig prgm, ID 1157 — CC 14/7
	1810	STH AFRICA, AWR poor in EE with Network Seven News - # GJ 13/7
	2105	GREECE, VOA v good with comment on Pres. Bushes oil activities, ID 2107

followed by VOA music mix classic rock show — KAB 10/7

6100 0454 GERMANY, D Welle good in German with music and ID at 0456 — CC 7/7

6105 0002 BRAZIL, R Cultura Filadelfia with male vocals until full ID and freq.
Announcement in Portuguese, fair - # RAD 20/6

6110 0010 ASCENSION IS, BBC v good in Spanish with news and reports - # GJ 12/7
0900 ECUADOR, La Voz de los Andes excellent in Spanish, good ID after time
pips 0900 — RP 1/6

6130 0512 MOROCCO, VOA excellent in Albanian with news // 9585 - # GJ 5/7

6135 0330 ASCENSION IS, NHK/R Japan excellent in Swahili with full ID - # GJ 7/7
2045 STH AFRICA, BBC poor in Portuguese with news and reports - # GJ 25/7

6145 0430 ASCENSION IS, VOA poor in Portuguese with ID and news - # GJ 15/7

6150 1101 SINGAPORE, R Singapore Intl good in EE with world & local news, ID 1105 — CC 13/7

6155 0435 ASCENSION IS, BBC fair in French with report from Morocco - # GJ 21/7

6155 2135 AUSTRIA, ORF fair in EE better on USB with comment on world news, ID
2146 — KAB 15/7

6175 2030 GERMANY, High Adventure Ministry v good in EE with very little noise — RP 24/6

6180 0335 RWANDA, D Welle fair in Swahili with report on OAU - # GJ 10/7
0911 BRAZIL, R Nacional fair in Portuguese with Happy Birthday tune, Fanfare,
MA with phone-in, ID 0935 — KVB 21/7

6190 0334 STH AFRICA, BBC poor in EE with Network Africa - # GJ 8/7

6195 0400 CYPRUS, BBC WS good in EE with news — RP 21/6
1100 SINGAPORE, R Singapore Intl good with news in EE - # JSB 6/7
1902 UK, BBC WS v good in EE with world news, ID 1906 — KAB 15/7
2100 THAILAND, BBC WS poor in EE with lots of IDs — RP 22/6

6265 0455 ZAMBIA, R Zambia in unid language with indig music then news about
Zambia in EE at 0500, scratchy — CC 19/7
2000 ZAMBIA, Zambia Natl BC fair in unid language, with time pips, news? 2002
African songs - # GJ 13/7

6890 0400 USA, WWRB v good in EE with good WWRB ID at 0500 — IC 21/7

7105 0330 ASCENSION IS, VOA poor in EE with VOA News Now - # GJ 3/7

7120 0353 STH AFRICA, BBC v good in EE with report on massage services in Kenya - # GJ 8/7
1745 MADAGASCAR, RN poor in EE with Newline, Dutch news items - # GJ 3/7

7130 0235 IRAN, VOIRI in unid language, noisy with ID at 0242 — KAB 29/6

7135 2357 MOROCCO, RTM excellent in Arabic with regional music - # GJ 4/7

7150 2200 INDIA, AIR Delhi fair in EE — IC 7/7

7155 0150 MOROCCO, VOA v good in Urdu with address for Pakistan and Bangladesh
listeners - # GJ 6/7

7155 0350 UK, RFE/RL with pop music in EE good, off abruptly at 0400 — KAB 2/7
2150 USA, R Free Iraq fair in Arabic to off at 2200 // 9615 much better — IC 11/7

7160 0245 ALBANIA, R Tirana with Eastern Euro music, strong hum on signal, fair in EE
with comment on finances, ID 0259, off 0300 — KAB 29/6
0405 ASCENSION IS, BBC v good in EE with The World Today - # GJ 8/7
1936 GABON, RFI fair in French with news from Madagascar - # GJ 12/7

7170 1820 STH AFRICA, AWR v good in EE with relig prgm - # GJ 6/7

7175 1905 MOROCCO, RFE/RL fair in Farsi with newscast // 11710 - # GJ 4/7

7180	0530	MOROCCO, VOA excellent in Serbian with ID, news // 6130 & 9585 - #
7185	0450	MOROCCO, VOA excellent in Croatian with comment - # GJ 5/7
7190	0410	TUNISIA, R Tunis fair in Arabic with music and comment, ID 0417, 0435 — KAB 11/7
7195	0500	MOROCCO, VOA fair in EE with VOA News Now - # GJ 1/7
7205	0445	STH AFRICA, BBC Myerton fair in Portuguese, ID 0459 — KAB 11/7
	2050	STH AFRICA, BBC fair bin Portuguese with sports reports - # GJ 1/7
7225	0355	RWANDA, D Welle fair in Swahili with spoken prgm, African items - # GJ 22/7
7225	2226	THAILAND, VOA fair in Indonesian with Spoken prgm and news, ID 2228 KVB 8/7
7230	1740	STH AFRICA, BBC poor in EE with English by Radio - # GJ 3/7
7235	0415	STH AFRICA, AWR poor in EE with relig messages and songs - # GJ 17/7
7235	0445	ITALY, RAI Intl fair in EE with usual bird chirps and ID with s/off 0505 // 9875 — RP 1/6
	0445	ITALY, RAI good in EE opening with ID and station announcements — CC 30/7
	2130	NETHERLANDS, RCI poor in French after UK service on same freq., some days not heard — RP 9/6
7255	0458	UNID ??? rock music with Arabic interjections then in EE " We will take on the enemy wherever he appears", fair — EMM 13/7
	0500	NIGERIA, V of Nigeria with news in EE, local and African first then some international, good - # JSB 5/7
	0510	MOROCCO, VOA fair in Arabic with Arabic music - # GJ 5/7
7260	1100	THAILAND, R Thailand IS music opening with EE ID followed by Vietnamese prgm, poor to fair — RAD 24/6
7275	0200	MOROCCO, RFE/RL fair in Armenian with newscast - # GJ 6/7
	0325	BOTSWANA, VOA fair in EE with Daybreak Africa - # GJ 8/7
7280	0002	MADAGASCAR, RN poor in Dutch with stock market news - # GJ 19/7
7285	2031	RWANDA, D Welle v good in Portuguese with Economia - # GJ 25/7
	2324	MADAGASCAR, RN poor in Indonesian with final announcements and music before s/off - # GJ 22/7
7290	0300	SAO TOME, VOA poor in EE with Daybreak Africa - # GJ 5/7
7295	1900	MALAYSIA, V of Malaysia fair in EE with s/on at 1900, news then music — RP 27/6
7315	1800	EGYPT, R Cairo poor in Russian with prgm preview, 1801 Arabic music, 1808 Mailbag - # GJ 17/7
7340	2025	BOTSWANA, VOA excellent in French with music prgm, from 2030 weekdays in Hausa - # GJ 3/7
7345	1635	SLOVAKIA, R Slovakia Intl fair in EE with Slovak news, some QRM/QRN // 5920, 6055 weaker — CC 10/7
7375	1805	BOTSWANA, VOA v good in Portuguese with sports news - # GJ 4/7
7415	2228	BOTSWANA, VOA v good in EE with Coast to Coast, then goodnight to listeners in Africa - # GJ 8/7
7445	0926	COSTA RICA, RFPI good on USB in EE with music, prgm announcements, and ID at 0928 — CC 29/7
7580	2343	USA, WHRA fair in EE with talkback, ID 2354 — KVB 8/7

LOGGING OF THE MONTH goes to

Paul Ormandy for R Apintie, SURINAM on 4991 at 350 Watts non directional, and
Paul Aronsen for R Huayacocotia, MEXICO on 2390 at 500 Watts non-directional.

My thanks to all the contributors, with a good variety of loggings, particularly from Sth America. Welcome to Gunter Jacob of Germany with 67 African loggings, and Andrew Sunde from Ohai. 73's, Ken Baird

CONTRIBUTORS FOR THIS MONTH

AJS — Andrew Sunde, Ohai, ICF 2001, 5MHz dipole : **BDC** — Bryan Clark, Auckland, AOR 7030, Alpha Delta sloper : **CC** - Cliff Couch, Paraparaumu, ATS 803A, 60m horizontal loop, 2x30m wires N/S & E/W: **EMM** — Evan Murray, Auckland, R5000, T2FD : **GJ** — Gunter Jacob, Passau, Germany, JRC NRD-525G, 5m wire indoors : **IC** — Ian Cattermole, Blenheim, JRC NRD 535, T2FD and Alpha Delta antennas: **JB** — Jerry Berg, Lexington, MA, USA, R8, 165ft longwire : **JSB** — Jon Standingbear, California, JRC NRD345, 80ft longwire : **KAB** - Ken Baird, Christchurch, R5000, Drake SW2, 15m wire, SW Eavesdropper: **KVB** — Kelvin Brayshaw, Levin, Collins 51J4, 65m horizontal Loop : **MG** — Martin Greer, Tasmania, Australia : **PGA** — Paul Aronsen, Wallacetown, R70, Yaesu 8800, 400 ft wire : **PWO** — Paul Ormandy, Waianakarua, SPR4, Numerous Beveridges : **RAD** — Richard D'Angelo Wyomissing USA, R8B, Lowe HF 150, Alpha Delta sloper, RF Systems mini window, Datong FL3, JPS ANC4 : **RP** — Robert Park, Lower Hutt, R1000, 40ft wire

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, e-mail to ka.baird@xtra.co.nz

bandwatch.over9@radiodx.com

Compiled by **Andy McQueen, Trentham, Upper Hutt**

Hello from Trentham. Where like the rest of the country we are having a very wet winter A special welcome to new contributors Gunter Jacob of Passau Germany, Martin Greer from West Launceston Tasmania and Andrew Sunde of Ohai

All times given are UTC.

KHZ TIME COUNTRY STATION & PGM DETAILS INITIALS

9405	2245	GERMANY IBRA Fair in EE with Bible talk at 2315 till off 2330 4/6 RP
9450	0600	USA WSHB V/good in EE with Church Service 3/6 RP
9475	0235	EGYPT R Cairo Good in EE with Arabic songs 7/7 GJ#
9495	0300	GERMANY RTBF Fair in FF with E Id at sign on // 9970 5/6 RP
9500	1430	NEW ZEALAND Dem. Voice of Burma V/good in Burmese 12/7 IC
9530	2100	USA? VOA Good in EE with Jazz pgm QRM from 9525 9/6 RP
9540	2135	ALBANIA R Tirana Fair in EE with Nx and ethnic music Id @ 2138 19/7 KVB
	2130	Good in EE with QRM from D/W on 9545 khz RP
9560	0440	CANADA CRI relay Good in EE with talk on man who saves birds in China 19/7 CC
9570	2150	IRAN VOIRIB Good in EE with commentary 29/7 AMQ
	2208	Good in EE with cultura; items and comments about the arms race US/UK/

		Israel Id 2313 27/7 KVB
9575	1534	INDIA AIR Delhi? Fair in EE Id as "All India Radio your listening to the News at Nine on 1st July 2002" 1/7 MG#
9590	0430	NETH ANTILLIES R Nederland Fair in EE with Carillon time pips Id & News // 6165 weaker 1/7 CC
9615	2150	USA? R Free Iraq Strong in AA // 7155 off at 2200 11/7 IC
9620	2347	SPAIN REE Good in Spanish talk 18/7 CC
9645	0315	BRAZIL R Bandeirantes ? Fair in PP with sports commentary and refs to 'Brazil' T/sig at 0330 17/7 KVB
9650	0916	NTH KOREA V of Korea Fair in JJ with spoken pgm and martial music Off 0955 8/7 KVB
9675	0815	BRAZIL R Nova Cancao V/good in PP with good Ids at 0830 28/7 IC
9690	1338	INDIA AIR Strong in EE with News // 11620, 13710 the same 22/7 CC
9710	0524	SPAIN REE Good in Spanish talk 7/7 CC
9710	0604	SPAIN REE Noblejas Fair in SS Id 0610 "Radio Exterior de Espana" 28/6 MG#
9715	0100	PORTUGAL RDP Poor in PP // 11655 gone by 0200 20/6 RP
9720	0820	PERU R Victoria Fair with Spanish religious talk 28/7 IC
9720	1328	PHILLIPINES VOA Relay Poor signing on in Khmer 5/7 MG#
9795	0200	GT BRITAIN Wales Radio Int. V/good in EE with tales of Wales off 0230 8/6 RP
9800	0000	HUNGARY Poor in Hungarian Took several days to get a clear Id 17/6 RP
9845	0430	SOUTH AFRICA AWR Meyerton Poor in FF with Id at S/on Closes 0458 2/6 RP
9865	0540	USA? R Free Iraq Strong in AA // 12030 also good 12/7 IC
9870	0150	AUSTRIA ORF /R Austria Int. V/good in EE 5/7 IC
9875	0445	ITALY RAI Excellent in EE with Bird I/sig then News & Sport 2/6 RP
9885	0325	BOTSWANA VOA Good in EE with Sports News 7/7 GJ#
9925	0150	GERMANY Croatian Radio via Juelich Good in Croatian 5/7 IC
9770	0034	SRI LANKA R Sri Lanka Good in EE with Id and musical requests //15425 poor 8/7 RAD#
9850	2306	NEW ZEALAND RNZI Opens in EE with good signal 24/7 IC (Is your time UTC ? - Ed)
9970	0500	BELGIUM? RTBF? Strong signal Time pips and French talk 30/7 CC
9980	2036	LITHUANIA R Nord Special Fair in Swedish with talk on station history and Elvis tune 30/6 RAD# Barely audible before 1900 Signal just distinguishable by 1940 Built to a decent level by 2000 Mainly Swedish talk Some oldies music in English and Id at 20 36 and off 2058 30/6 JB#
9990	2110	EGYPT R Cairo Fair in EE from 2115 Announces as "World Service of Radio Cairo" 18/7 IC
11550	1629	TAIWAN RTI Fair in EE with talk on tea Id @ 1630 10/7 CC
11565	1300	ALASKA KNLS Good in EE 13/7 IC
11640	1935	FRANCE RFI Good in French with some ute QRM 29/6 AMQ
11640	2030	VIETNAM VOV Fair in EE With News and listeners letters including one from Nelson 26/6 RP
11645	0400	GERMANY R Africa Int. Fair in FF //13810 1/6 RP
11650	2349	CHINA CRI Fair in Spanish // 11880 weaker 18/7 CC
11655	1945	HOLLAND R Nederland Good in EE with talk pgm 29/6 AMQ
	1736	Fair in EE with World News // 7120 weaker & poorer 30/7 CC

11690	2000	GT BRITAIN RCI via Skelton V/good in EE even with QRM from D/W on 11695 Talk about Montreal Beer Festival and the 2 biggest breweries in Canada 8/6 RP
11710	0500	SOUTH AFRICA Channel Africa Good in EE with News of Southern Africa Id 0510 19/7 CC
	0505	V/good in EE with News 7/8 ABD
11734	1705	TANZANIA R Tanzania Good in Swahili with report on Malaria 20/7 GJ#
11740	0230	TAIWAN RTE V/good in EE with Nx and Chinese language lesson 27/6 RP
11775	2143	CHINA CRI Good in SS with spoken pgm and oriental music interludes 22/7 KVB
11780	1000	USA WSHB Poor in EE with S/on and Boston address at 1029 16/6 RP
11785	2358	BRAZIL R Guaiba? Tentative Poor in PP with talk pgm and ads Possible Id at 0003 21/7 KVB
11805	0624	GREECE VOA Kavala relay Fair in EE with Noise 28/6 MG#
11805	1220	THAILAND R Thailand Good in Malayan or Indonesian Cut out at 1228 14/7 MG#
11810	0128	BRAZIL R Brasil Central Poor/fair with heavy adjacent QRM with ballads and easy listening Mx. Some in EE canned Id at 0156 20/7 KVB (You sure can hear Brazil in Levin - Ed)
11855	1950	IRAN VOIRIB Good in EE with Item on UN and Iraq 29/6 AMQ
11820	0500	NEW ZEALAND RNZI Good in EE but very echoey with National Pgm relay 1/6 RP (I have noticed that on several frequencies too. You will have to come to a Wgtn Branch meeting and we might get a technical explanation from RNZI. - Ed)
11835	0400	USA BBCWS Delano relay V/good in EE with 'The World Today' 24/6 RP
11865	0630	GERMANY D/Welle Wertachel Fair in German 28/6 MG#
11865	2115	GERMANY D/Welle Good in EE with Newslink pgm AMQ 28/6
11895	0030	CANADA RCI Poor in EE 4/6 RP
11915	0636	GABON NHK/R Japan Fair in FF With Id in EE at S/off 0701 28/6 MG #
	0529	Fair signal in SS then changes to Italian at 0530 23/6 RP
11925	2333	BRAZIL R Bandeirantes Sao Paulo fair in PP with ballads and easy listening Mx refs to Sao Paulo 21/7 KVB
11935	0330	PORTUGAL D/Welle V/good in EE with QRM from 11930 khz S/off 0345 25/6 RP
11965	2015	GERMANY RCI Wertachel relay V/good in EE Items on elections gene pool and soccer 5/6 RP
11975	1809	SAO TOME VOA Poor in EE with report on Liberian refugee situation 4/7 GJ#
11975	2219	MALI CRI relay Good in FF with report on Photo exhibition 8/7 GJ#
12005	2000	TUNISIA RTV Tunisienne Fair in AA? better on // 9720 13/7 AJS
11985	0900	TAIWAN? RTE Fair in EE with Id at S/on 2/6 RP
12015	0955	MONGOLIA VOM V/good signal in EE Letters & requests pgm 9/6 RP
12015	2030	UAE RCI Relay Good in EE // 11965 via Wertachal also good 4/7 IC
	2030	V/good signal in EE with usual Ids 1/6 RP
12035	2100	SRI LANKA D/Welle Good in EE on this new frequency 24/7 IC
12075	1510	UZBECKISTAN R Nederland relay Fair in EE with pgm of American blues artists 13/7 MG#
12125	1900	NIGERIA? R Jakada Int. In EE Mon-Wed-Fri only Not heard since 20/7 4/7 AJS
13670	0545	BOTSWANA VOA Good in EE with Dateline pgm 3/7 GJ#
13680	1000	GT BRITAIN? Fair in EE with Irish News 15/6 RP
13685	0906	AUSTRALIA Voice Int. V/good in EE with Full Id and frequencies // 13795

		15365 3/6 RP
13695	1732	UAE R Dubai Weak in EE with Orchestral Mx Noisy and surging //15395 the same 10/7 CC
13710	1732	GERMANY RVI relay Good in EE with News on Belgium 30/7 CC
13790	1930	CHINA CRI V/good in EE with people in the know pgm RP
13810	0400	GERMANY R Africa Int.Excellent in EE // 11645 1/6 RP
15095	0925	PHILIPPINES FEBC Int. Fair in Indonesian with ethnic Mx Id 0930 28/7 KVB
15100	2310	CHINA CRI Good in CC with local pop Mx changes to other Asian Language at 2330 27/7 KVB
15105	0530	SOUTH AFRICA AWR V/good in EE with I/sig & S/on 7/8 ADB
	0530	V/good in EE with Usual Bible talk 1/6 RP
15125	2305	INDONESIA RRI Fair in Indonesian with talk pgm Id 2306 27/7 KVB
15125	1406	MALI CRI relay Fair in EE with item on Hong Kong development 5/7 GJ#
15160	1905	NEW ZEALAND Defence Force Radio S/on with News & sport in EE 16/6 RP
15195	2008	ASCENSION IS. Family Radio relay with Bible reading 27/ 7 GJ#
15320	1700	ASCENSION IS RAI relay Good in Italian with Nat. Anthem Id and News 17/7 GJ#
15395	1214	UZBECKISTAN R Tashkent Weak in EE spoken pgm //17775 14/7 CC
15410	1625	SAO TOME Good in EE with Nightline Africa - Angolan refugees 6/7 GJ#
15420	0329	SEYCHELLES BBCWS to Africa Fair in EE with monthly quiz // 11730 8/7 RAD#
15425	0105	SRI LANKA R Sri Lanka Good in EE with gospel pgm // 9770 Poor Compare this to RAD's logging above which is exactly the opposite. Different propagation and different seasons? 30/7 AMQ
15435	1150	LIBYA R Libya Good in French 19/7 GJ#
15570	0518	VATICAN CITY Vatican Radio V/good in EE with talk on Israel 0524 "You are tuned to the African Service of Vatican Radio 7/8 ABD
15605	0700	GABON RFI relay Good in EE 8/6 RP
15715	2030	GERMANY High Adventure Ministries Fair in EE with lots of Id's 3/6 RP
15760	0516	ISRAEL Kol Israel Fair in Hebrew with spoken pgm // 17535 weaker 7/7 CC
17495	1525	MADAGASCAR Dem. Voice of Burma Fair in Burmese talks before closedown at 1526 about 1.5 secs after // 9500 khz Rangitaiki NZ 25/7 GJ#
17510	0900	INDIA AIR Excellent in EE with beautiful Music // 17800 17895 16/6 RP
17550	1345	GERMANY V of Hope God in EE with Prayers for V of Hope ministry 22/7 CC
17550	1330	GERMANY High Adventure Radio via Julich Opens in EE at fair level 9/7 IC (Are the 2 stations the same ? I note AWR also sometimes call themselves the Voice of Hope - Ed)
17560	0110	JAPAN NHK/ R Japan Fair in EE with talk of Sth Korea going to World Cup semi final Id @0114 9/7 KVB
17600	0400	ISRAEL Kol Israel Excellent in EE with Nx from Jewish perspective 16/6 RP
17755	1400	GABON NHK/R Japan Good in EE with News from Tokyo 5/7 GJ#
17735	0400	ROMANIA RRI Poor in EE with Nx then listeners letters 3/6 RP
17770	1527	SOUTH AFRICA Channel Africa News headlines in English and into FF at 1530 4/7 GJ#
17805	1720	ROMANIA RRI Fair in EE with Music & Talk Id @ 1722 30/7 CC
17815	0041	ROMANIA ? RRI? Fair in SS with easy listening Mx Changes to Rumanian at 0100 9/7 KVB
17830	0802	ASCENSION IS. BBCWS Good in EE with News on genetically modified

		products 3/7 GJ#
17835	2159	JAPAN RCI Yamata relay good in FF with Id and sports Nx with mention of NZ 28/7 KVB
17885	0528	SEYCHELLES BBCWS Fair in EE with Book review 'What's great about America' & 'Why people hate America' 3/7 GJ#
17895	0315	MOROCCO VOA relay Good in EE with Daybreak Africa 2/6 RP
21470	0855	SEYCHELLES BBCWS Poor in EE Music from the Orkney Islands 3/7 GJ#
21490	1706	SOUTH AFRICA UN Radio Very Strong in French 24/7 GJ#
21665	1110	RWANDA D/Welle good in EE Report on Berne Air traffic control system 5/7 GJ#
21680	0547	AUSTRALIA CV V/good in EE with Queensland postal address and internet site 7/8 ABD
21730	1030	GABON NHK Good in Italian on new frequency 15/7 GJ#
21795	0555	THAILAND R Thailand V/good in EE with Sports News Tiger Woods etc then Wx 7/8 ABD

Thanks very much to all contributors for this month. Stations reported are indicated by the contributors initials underlined in Bold eg: **AMQ**

A new feature this month is a # symbol to indicate station heard outside New Zealand.

Logging Competition The winning logging is Channel Africa 11710
 shared between Arthur De Maine and Cliff Couch

You can contact me via PO Box 3011 Auckland or direct at:
 36A Brentwood Street Trentham Upper Hutt. Please remember the A (A for Andy) otherwise your mail may be delayed or you can use the E-mail address as listed above.
 73's
 Andy McQueen

SHORTWAVE EXCHANGE

ABD Arthur De Maine Otaki Beach Drake R8 with 120 m longwire NRD515 longwire **AJS** Andrew Sunde Ohai Sony ICF 2001 & 5mhz dipole **AMQ** Andy McQueen Trentham Upper Hutt Sony 6800W 30m long wire / **CC** Cliff Couch Paraparaumu Sangean ATS 803A with 60m horizontal loop/ **GJ** Gunter Jacob Passau Germany JRC NRD 525G with 5m longwire indoors / **IC** Ian Catermole Blenheim JRC NRD535 T2FD and Alpha Delta antennae / **JB** Jerry Berg Lexington Ma USA Drake R8 and 165 foot long wire(50 metres?)/ **JSB** Jon Standing Bear Beaumont Ca USA / **KVB** Kelvin Brayshaw Levin Collins 51J4 and HF loop /**MG** Martin Greer West Launceston Tasmania / **RAD** Richard D'Angelo Wyomissing Pa USA Drake R-8B, 500 foot wire essentially north, 100 foot wire essentially southeast and a Montgomery Active Antenna, Datong FL-3/ **RP** Robert Park Lower Hutt Kenwood R1000 & 40 foot long wire

CONTINENTS LISTINGS

Only one entry received so far this month so this column is **rescheduled to the September Issue**
 The featured continent is The Islands of the Pacific excluding Aus/NZ and I would like to know your best catches in the last 10 years **ANDY MCQUEEN**

shortwave.mailbag@radiodx.com

Compiled by Laurie Boyer, Invercargill

Another light month and Spring is about here so I must try and wind myself up and get some logging done. First out this Month is **Ian Cattermole Blenheim** who has veries in from CRI 9790, NHK Skelton 6055, 6160, Yamata 11970, 17560, 11830, RCI 9590, Radio Veritas Asia 9540, RDW Komosomolsk 17715 Radio Transmundial 5965 [EM] Radio Free Iraq 9615, 7155, 12030, 9865, [EM] Voice of Afghanistan 17870, 15480, [EM] RDP 15525, 9840, VOA Tinian 15250, RCI via UAE 12015, Wertachtal 11965, IBRA 13590 [EM] Tigrean International Solidarity 15530 [EM] Radio Poland 7165, WWCR 15825, SRI Montsinery 11905. Good List Ian.

Bryan Clark Auckland Has a 50th anniversary card from Japan Shortwave Club via VOA Delano 9350.

Stu Forsyth Wellington has QSL's from Radio Christian Voice 4965, Radio Cultural 3300 For Countries 104 and 105. Nice going.

Jerry Berg Lexington MA USA Jerry also has Veries from Japan Shortwave Club via Guam and VOA.

Ron Killick Christchurch has Vatican Radio 4005, Radio Denmark 7490, Radio Korea via Sackville 9650 [World Cup Card] Radio Vlaanderen via Meyerton, Japan Shortwave Club Via KSDA 11560, SRI via Montsinery 11905, DWR Sines 12045, REE Noblejas 15385, Radio Japan Yamata 15590, Prague 15620, WYFR 15690. Thanks Ron

Best of Month over 9Mhz Radio Vlaanderen via Meyerton 9925 **Ron Killick.**

Best of Month under 9Mhz Radio Cultural 3300 Guatemala **Stu Forsyth.**

shortwave.report@radiodx.com

Compiled by Ian Cattermole, Blenheim

AFGHANISTAN:

Radio Voice of Afghanistan to Stop Broadcasting for Three Months.

The founder of Radio Voice of Afghanistan, Sayd Jamaloddin Afghan, has announced that the radio's broadcasts will stop for three months. In an unscheduled speech on the radio which replaced the 1330 gmt news bulletin, he said that during a recent visit to Afghanistan he saw "painful" scenes which are even "difficult to explain". He said the radio was not able to broadcast "the truth" and report what was happening in Afghanistan because of "the current conditions governing the country". He expressed the hope that the country's situation would improve in three months and the radio would be able to resume its broadcasts. The radio began broadcasting around eight months ago from London. The following is the text of a recording of Sayd Jamaloddin Afghan's speech broadcast by London-based Radio Voice of Afghanistan on 14 July: (RN MEDIA NW)

DEMOCRATIC REP. CONGO:

Radio Okapi expanding. Radio Okapi, the radio network operated by UN Mission in the Democratic Republic of the Congo, went on the air in the city of Gbadolite on 10 July 2002. It becomes the eighth city to have a local relay of Radio Okapi, the others being Kinshasa,

Kisangani, Goma, Kalemie, Kananga, Mbandaka and Kindu.

Transmitters are also projected for Lubumbashi, Mbuji Mayi, Beni and Butembo. David Smith, Chief of Information to the UN Mission, tells Media Network that Radio Okapi, which launched on 25 February, is the biggest radio network in UN peacekeeping history.

In addition to FM relays in the major cities, a shortwave transmitter site is under construction in Kinshasa. The station, which will have three 10 kW Marconi transmitters, is due to go on the air in early September 2002. In the meantime, Radio Okapi is already operating on shortwave using three 100 watt transmitters. The frequencies currently used are 6030, 9550 and 11690 kHz.

Radio Netherlands Media Network, 11 July 2002



Mr Vianney Missumbi at the microphone the day of the launch, Monday 25/02/2002 from Radio Okapi in Kinshasa



NEW HISTORY MATERIAL

<<http://www.ontheshortwaves.com>> From NZRDXL member Jerry Berg, Lexington, MA USA

The days when stations in the Portuguese colonies could be heard on shortwave are long gone, but my memories are helped by a recording that I received from Emissora da Guine in Bissau, Portuguese Guinea. I heard the station in 1959 on 7948 kHz. and sent them a reel-to-reel tape which they over-recorded and returned to me, as stations often did in those days. It contains some great Portuguese music, with comments and introductions by an announcer at the station. I consider this one my most valued station souvenirs, and you can find it (along with the QSL) in "Articles, Research, etc." under "Recordings." (I believe "Guinea-Bissau," as it was known after independence in 1974, went off shortwave in the mid-1980s.) (Jerry Berg) Those were the good "old days" of Dxing when we could still get those exotic Indian Ocean stations on Reunion, Mauritius and Maldives etc. ED.

RADIO FREE IRAQ = RFE/RL:

Here is the Radio Free Iraq schedule from their web site :

<http://www.rferl.org/shortwave/shortwave-iq.asp>

UTC time zone FREQUENCY BAND BROADCASTING

01:00-06:00 9730 SW Every day.	01:00-06:00 9865 SW Every day
01:00-03:00 12030 SW Every day.	03:00-04:00 1314 MW Every day
03:00-04:00 11910 SW Every day.	04:00-06:00 12030 SW Every day
14:00-16:00 1314 MW Every day.	14:00-17:00 9825 SW Every day
14:00-15:00 13755 SW Every day.	14:00-17:00 15170 SW Every day
14:00-17:00 17740 SW Every day.	15:00-19:00 11805 SW Every day
17:00-18:00 9575 SW Every day.	17:00-18:00 17610 SW Every day

18:00-19:00 9705 SW Every day.
20:00-22:00 7155 SW Every day.
(GRDXC)

18:00-19:00 17670 SW Every day
20:00-22:00 9615 SW Every day

And this message received from RFE/RL.

Hello Ian Cattermole –

We currently do not send out QSL cards but will be doing so in the future. When we initiate this process we will contact you about it.

We appreciate your interest in RFE/RL broadcasts.

Best regards, Pete Baumgartner.

RFE/RL Internet Department. baumgartnerp@rferl.org

IRELAND/UK.

A half-hour information bulletin from RTE R 1 is available daily on SW around the globe. Target areas, frequencies and times are as follows: 21630 kHz (Africa) 1830-1900 UT. 15280 kHz (SE Asia, including Australia) 1000-1030 UT. 6155 kHz (C America) 0130-0200 UT. 13640 kHz (C and E America) 1830-1900 UT. 15315 kHz (Middle East) 1800-1830 UT. (Rampisham 500 kW, 105 degr.) Reception should be available outside the immediate target areas. (Martin Elbe-D, A-DX Jul 25 via BC-DX via DXLD)

Many of these broadcasts are well heard here in NZ. (ED)

LATVIA:

RFE/RL. **Could Move to Latvia.**

Radio Free Europe/Radio Liberty is considering moving its headquarters from Prague to the Latvian capital, Riga, according to the Latvian Prime Minister's Office. The Czech government is concerned about the risk of a terrorist attack on the station's present headquarters, located in the former Czechoslovak parliament building in downtown Prague. RFE/RL is talking to the Czech government about moving to another location in Prague, but the two parties cannot reach agreement about how the move would be funded.

Latvian PM Andris Berzins has offered RFE/RL the use of space in the half-empty national television building in Riga, and says that he has received a letter indicating that the offer is being considered. The Latvian invitation followed the appointment last month of Uldis Grava, former marketing development manager of RFE/RL, to head Latvia's television network.

(© Radio Netherlands Media Network.)

LUXEMBOURG:

Radio Luxembourg returning

Radio Luxembourg should have returned briefly to shortwave on 6090 kHz on 10 July 2002 from 0600 to 2100 UTC with 500 kW. Program will be the German "RTL Radio Die grossten Oldies". This will be a one time event, especially dedicated for remote monitoring in order to evaluate coverage areas in view of DRM, Digital Radio Mondiale, on behalf of Broadcasting Center Europe, an RTL Group company.



QSL requests will be answered. Reports to Broadcasting Center Europe., 45 boulevard Pierre Frieden, L-1543 Luxembourg. Tel: +352 42142 7703, Fax. +352 42142 7709.

Jorge M. Valdés, 4 July 2002, ConexiÚn Digital via DCDX.

Radio Luxembourg was regularly heard in NZ a few years ago broadcasting on 6090 and 15350 in French and German. ED.

POLAND:

Here is the English language schedule for Radio Poland.

1200-1259: 11820, 9525, 6095. 1700-1759: 5995. 1930-2029: 7165, 7265.

(Radio Poland)

While some of these are audible in NZ they are difficult logs in the main due to severe co-channel QRM. (ED)

LATIN CORNER:

COLOMBIA:

Voz de tu Conciencia to 6060 kHz

Russ Stendel, owner of La Voz de tu Conciencia, Colombia, has informed through email that they will be off the air for the next few days or weeks as adjustments are made to the transmitter and licenses formalized for operation on probable 6060 kHz.

They have held off on making QSL cards and pennants until the frequency assignment is finalized, although both will be available soon.

Brandon Jordan, USA, hcdx mail list, 5 July 2002. (This one previously reported on around 6065kHz with tests etc. ED)

Update from CUMBRE on the above:

Plans to shift to 6060 ex 6064.5 The 5 kw transmitter (which used to belong to Colmundo) is now located at Lomalinda (where we have restored several houses). We are also planning English language broadcasts as soon as we finish our test phase and can establish what would be the best times for this. Our signal also goes out on 88.8 FM and on 1530 AM. A year ago Radio Nuevo Continente here in Bogota gave us a 30 year old AM transmitter which we set up on 1530. Later we traded this for the short wave transmitter from Colmundo and have been on the air off and on over the past couple weeks in a test phase. We are planning to install the new 10 kw AM transmitter next week. When saying that the 5 kW transmitter is now located at Lomalinda, Russ implies that this is a new location. The previous one was a ranch named Bonaire. More about these facilities can be read in the Stendal Newsletter Archives on the Colombia para Cristo web site at

<http://gloriestendal.tripod.com/colombiaparacristo/id3.html>

To the Farc guerillas, Christianity is seen as a dangerous enemy, and so many churches have been closed and many more people forced to leave their homes. More on dangers American missionaries are facing in Colombia can be found for instance at

<http://www.worthynews.com/news-features/compass-columbia-2.html>

(Klemetz, Dxing.info via Nilsson SWB) via CUMBRE

PARAGUAY:

RadiodifusiÚn AmÈrica (Radio AmÈrica), ZP20, in AsunciÚn, Paraguay. Our station ZP20 operates on 1480 kHz, with a power of 1 kW, feeding a quarter-wavelength vertical tower.

The station operates 24-hours-per-day, and serves the area of metropolitan Asunci n. ZP20 has been in existence for approximately 50 years, having been located in Villeta, for many years, and earlier on, in San Juan Bautista, Department of Misiones.

We have been in the process of constructing a new transmitter plant, near Villeta, the better to serve our audience on the Medium and Short Waves. At present, 1480 kHz continues to transmit, from Emby, a suburb of Asunci n.

We are also transmitting, 24-hours-per-day, on 15185 kHz, 19 Metres, from Villeta. The initial power is low, 5 Watts, feeding a 5/8-ths- wavelength, omnidirectional antenna, with a theoretical gain of 8,84 dBi. The vertical take-off angles of this antenna are from 3 to 27 degrees. Programming on 15185 consists of the regular programming of Radio Am rica, and classical music.

Tests are underway on 7300, 41 Metres, also from Villeta. On this frequency, the beam is directed on 184 degrees, from Magnetic North. The antenna has a theoretical gain of 25 dBi, a horizontal beamwidth of 22,5 degrees, and vertical take-off angles of 3 to 27 degrees. Power varies from 100 Watts to much more, depending upon the tests underway. On the frequency of 1610 kHz, 202,7 Metres, also from Villeta, tests are underway, using a vertical power, 125 Metres tall, which represents 5/8-ths wavelengths at 1480. This antenna also has a

theoretical gain of 8,84 dBi. Power varies from 100 Watts, upwards. Reception reports are most welcome, and will be verified, promptly. With best regards from Paraguay! Mait pa!
(Ad-n Mur, Technical Advisor, Radiodifusi n Am rica, Asunci n, Paraguay, ramerica@rieder.net.py (Hauser DXLD via CUMBRE)

INTERESTING ITEM:

Tuning in Shortwave Will Soon Be Child's Play

The Freeplay Foundation, based in South Africa, has announced a new model of radio called Lifeline, designed for use by orphaned children in countries ravaged by war and Aids. The Foundation's Director, Kristine Pearson, says the radios - which can be powered by either solar energy or a clockwork spring - will be manufactured exclusively for humanitarian projects that support children, and will not be available commercially. Radio programming can perform the role of surrogate parents and teachers to fill the information and education void that would otherwise occur. The Freeplay Foundation is discussing programme content and broadcasts with leading international producers of children's radio programmes.



Amongst design features specially incorporated for its young target group, the Lifeline features a clockwork motor that can be wound up in either direction. Other Freeplay models can only be wound clockwise. The wavebands are colour coded so the child can see easily whether the radio is tuned to FM, mediumwave or shortwave (3-18 MHz). A special team of designers has spent six months developing the radio, which is sold in variety of colours. More information can be found at the   Radio Netherlands Media Network.

[Shortwave Report Continued on page 27](#)

Index of Technical Articles Published in the DX Times 1980-2001 (Part 2/2)

Compiled by
Cliff Couch
Paraparaumu

Continuing on from the July 2002 DX Times, here is a quick reference to titles arranged in order of year and month with brief comment, where necessary, to give a better idea of what the article covers. My thanks to Ian Cattermole for making available copies of the 'DX Times' prior to 1988 and to Paul Ormandy for his suggestions re format.

Sections in Order are as follows

- Propagation and DX Reception Listed in July 2002 DX Times
- Antennas. Listed in July 2002 DX Times
- Equipment Reviews. Listed in July 2002 DX Times
- The Internet. Listed this issue of the DX Times
- Digital Signals. Listed in this issue of the DX Times
- Air Communications. Listed in this issue of the DX Times
- Book Reviews. Listed in this issue of the DX Times
- Miscellaneous. Listed in this issue of the DX Times

The complete list will also be available from the League web site www.radiodx.com

THE INTERNET

- | | | |
|------|-----|---|
| 2000 | Mar | Don't Believe everything you read on the radio. Browsing the Internet |
| | Sep | The Influence of the Internet on DX Clubs. Also on distribution of DX Info. |
| 1998 | Aug | Is The Internet Ruining Our Hobby? |
| 1996 | May | Internet Utility Radio Resources. A listing. |

DIGITAL SIGNALS

- | | | |
|------|-----|---|
| 2000 | Jan | An introduction to Digital AM & Digital Radio Mondiale (DRM) |
| | Mar | The Future is Digital- Tell me about it. Key areas of benefit to listeners |
| 1996 | Aug | Satellite View. Listing of satellite signal frequencies |
| 1994 | Feb | Fax Capture. How to Beat the Weather Man. Satellite signals |
| | Mar | Monitoring Digital Transmissions Continued. (see 1993 Apr) |
| | Apr | Monitoring Digital Transmissions Continued. |
| | Jun | Monitoring Digital Transmissions Continued. |
| | Jul | Monitoring Digital Transmissions Conclusion |
| | Dec | Digital Broadcasting Possible use for SW |
| 1993 | Apr | Monitoring Digital Transmissions Getting started |
| | May | Codes. An Introduction |
| | May | Monitoring Digital Transmissions Getting started continued.. |
| | Aug | Monitoring Digital Transmissions Getting started continued |
| 1992 | Feb | Digital Modes . Transmissions using non-voice modes. |
| | Apr | Digital Modes. Decoding. |
| | May | Digital Modes. FSK converter. |
| 1991 | Apr | Introduction. Introduction to regular Utility Section, including digital signals. |
| | Oct | Digital Modes. Decoding |

AIR COMMUNICATIONS

- 1997 Jun Aeronautical Frequencies. A listing of New Zealand stations
Aug New Zealand Radio Spectrum. Utility HF frequency ranges
- 1993 Feb Air Communications. In-Flight entertainment.
- 1992 Feb Air "Comms". Secondary Surveillance Radar (SSR) Transmissions
- Jun Air Communications. Aircraft speed
Aug Air Communications. Aircraft HF Transceivers.
Nov Air Communications. The Very Low Frequency (VLF) band.
May LDCOCS. Long Distance Operational Control Frequencies.
Jun Air Comms: Volmet Stations
Jul Air Comms: Global Command Control System (GCCS)
Aug Air Comms: Strategic Air Command (SAC)
Sep Starting Out Ute DXing Part 1. Aeronautical
Oct Starting Out Ute DXing Part 2. Military Affiliate Radio Service (MARS)
Nov Starting Out Ute DXing Part 3. Space the Final Frontier.
Nov Terminology. Listing of expressions used in Air Communications
Nov Air Comms: Selective Call Paging (SELCAL)

BOOK REVIEWS

- 2001 Aug DX Tips for Beginners. (KNLS Alaska)
Sep Sparks Out of the Ploughed Ground (US Small Town Radio)
- 2000 Apr The AIB Global Broadcasting Guide (Also 2000 Jun)
Jul The Beginning of Broadcast Regulation in the 20th Century.
- 1999 Jan 1999 Worth Radio TV Handbook WRTH
May Domestic Broadcasting Survey (DBS)
Sep On the Short Waves 1923-45. A History
- 1997 Feb The Australian SW Guide
Jun Passport to Web Radio
- 1995 Jun Directory of Aircraft Selcals
- 1994 Sep The Worldwide Aeronautical Frequency Directory
- 1993 Apr World Air Carrier Radio Call sign Directory
May 1993 Equipment Buyers Guide.
- 1992 Mar Eyes Beyond The Horizon. FEBC History.
May The Guide to the AR 1000 (Scanner)
- 1991 Feb IRCA AM/FM Almanac
- 1990 Mar Secrets of Wartime Listening to Enemy Broadcasts.
Nov Radio Listeners Guide 2nd Edition.
- 1989 Feb 25 Simple Tropical & MW Band Aerials
Dec Tropical Band Survey 17th Edition
- 1988 Mar DXCLUSIVE Timetable & Directory of Spanish Broadcasting Stations
Jun Arthur Cushen's Radio Listeners Guide
- 1987 Jan The Golden Age of Radio in the Home
Mar Better Radio/TV Reception
May World Radio TV Handbook 1987 Edition
Sep Shortwave Radio Listening with the Experts.

	Dec	Radio Database International Passport to World Band Radio 1988 Edition
1986	Feb	Practical Repair and Maintenance of Communication Equipment
	Mar	Worth Radio TV Handbook 1986 Edition
	Mar	Secrets of Successful QSL'ing
	Jun	Radio Database International
	Nov	International Listening Guide
1984	Sep	Aunt Julia and the Scriptwriter. Themed on broadcasting in Peru.

MISCELLANEOUS

2001	Mar	Survey of Station Email Policy. Broadcaster Worldwide
	Nov	Unofficial Radio. Clandestine and Pirate stations described and where to find them
	Dec	Unofficial Radio. Continued.
	Dec	QSL Questionnaire: Sentech SW Services, South Africa, replies to a NZ DXers questions.
2000	Jul	Operating on the ELF Frequencies.
	Aug	Listening with the Third Ear: Using the Home Computer
1998	Jul	Computers in DXing. A very useful website. (See also 1998 Sep)
1995	Mar	Thoughts on Verifying that difficult station
	Jun	The Basic Essentials for Radio DXing
	Dec	DXers Guide to Summer Time Zones 1995-1996
1994	Jan	Hints on the Use and Care of Lead Acid Batteries
	Mar	Voice Operated Recording and Time Index Recording.
	Oct	DXing Along the Information Super Highway
1992	Mar	GPS and how it works. Global Positioning System
	Jun	When is a QSL not a QSL?
1991	Jan	DX 440 , Sangean ATS-803A and others. BCB Improvement.
	Jul	Getting your report verified from South America.
	Jul	Philips D2999 Receiver. No Problem! Solutions to whistling problem
	Jul	Replacing I.F. Filters in the Yaesu FRG 8800 Communications Receiver
	Oct	How to Verify Latin Americans
	Nov	70 Years of NZ Radio. Early History
	Nov	Listening to Shortwave from Space.
1990	Mar	Radio Canada International QSL Policy
	Aug	Thoughts on a DX Receiver. Testing and selecting.
	Dec	Recording of Radio Stations. For archive purposes.
1989	Aug	Call sign Changes: Radio Frequency Service policy.
	Dec	Proposal To Form A QSL Bureau. Explanation and Comment
1988	Feb	Shortwave Bandwatch. Use of SINPO Code (See also 1988 Jan)
	Apr	Alexander Popoff. Was he the First? Beginnings of Radio.
1986	Mar	A Convenient Way to Index your World Radio TV Handbook
	Mar	Radfone. Ship to Shore Radfone Service
	Dec	QSL's, Now you have them what to do with them? Ideas for displaying.
1985	Mar	Putting it in Spanish. Wording for reporting in idiomatic Spanish
	Sep	Introduction to UTE DXing. Time signal, standard frequency, marine communications, aeronautical and fixed communications stations

1983	Oct	The Tradition Continues. Listening to Utes.
1982	Jan	A DXers Spanish Primer. Alphabet, numbers, prefixes, identification announcements etc.
	Oct	Indonesian Guide. Background to Broadcasting in Indonesia
1981	Jan	On Equipment. What to look for in a receiver.
	Mar	Radio Countries. Pros and cons of radio country lists.
	Aug	Radio Countries. Further Discussion
1980	Mar	Some News from Latin America. Clues for station identification
	May	What's in a name? Definition of a DXer.
	Oct	Equipment Review. What to look for in a new receiver
	Dec	Equipment Review. What to look for in a new receiver (continued)

Thank you to Cliff for a great job in indexing all the Technical articles in the DX Times between 1980-2001

At the moment the League does not have a reprint service for articles. If a member is interested in offering his services please contact me for more information editor@radiodx.com or Chief Editor, C/- Box 3011, Auckland.

Book Review by Andrew McQueen

THE SHORTWAVE GUIDE Price \$75 less 20% discount for NZ Radio DX League members from Burnet-Pollard Christchurch. (See advertisement page 22. July DX Times)

This is a new SHORTWAVE hobby book published by WRTH Publications London. The editor is Sean Gilbert and amongst the named contributors are Anker Petersen of DSWCI Bob Padula of EDXP, Dave Kenny BDXC and Tetsuya Kondo of ABI

There is a 14-page introduction into SHORTWAVE listening and 15 pages of references containing the addresses and QSL info on major International Broadcasters and 2 pages listing DX clubs of the World.

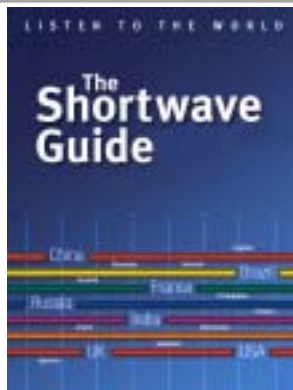
The remainder of the book is a listing by frequency of all stations from 2310khz the start of the tropical band through to 25820 kHz. The listings show a coloured band featuring the language used over a 24-hour period. The frequencies are for the A02 season (our Winter) and check out well with only a few omissions.

What do you want from a SHORTWAVE guide? Well this book will help you identify unknown stations as you roam the Shortwave bands. Using the Bandwatch columns of the NZ DX Times as a list of what is being heard The Shortwave Guide is a hand reference for those you might not know.

What does it leave out? No addresses for tropical Band Stations. Not even the ABC Regionals in the Northern Territory of Australia or Radio Med Un in Morocco on 9575 kHz. It also leaves out the country of relay transmitters for the major broadcasters

It is very similar to Passport to World Band radio in layout but lacks its added features of 24 hour programming and shows to listen to and it only covers a 6mth season. You should compare the price of each one

Andrew McQueen



FEATURED FREQUENCY:

This month it is 9565khz. How many of these are you able to hear and identify?

FREQ	Time.	Station. Country. Days. Language
9565.00	0000-2359	Radio Tupi BRAZIL 1234567 Portuguese
9565.00	0130-0200	ALL INDIA RADIO INDIA 1234567 Tibetan
9565.00	0500-0515	DEUTSCHE WELLE RWANDA 1234567 French
9565.00	0515-0530	DEUTSCHE WELLE RWANDA 1234567 Portuguese
9565.00	0900-1300	Radio MARTI USA 1234567 Spanish
9565.00	1000-1050	DEUTSCHE WELLE RWANDA 1234567 Swahili
9565.00	1500-1700	Radio LIBERTY GERMANY 1234567 Belarus
9565.00	1600-1657	CHINA RADIO International CHINA 1234567 English
9565.00	1700-2200	Radio MARTI USA 1234567 Spanish

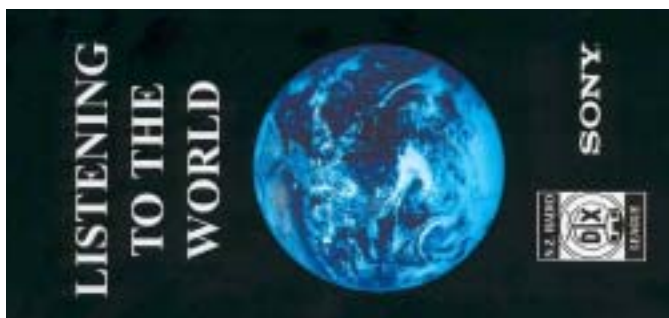
**South African Shortwave
Stations Heard in NZ during July 2002**

Compiled by
Paul Ormandy
Oamaru

List of South African Stations heard in New Zealand by Contributors Ian Cattermole, and Paul Ormandy during July 2002.

Freq	Evening	Morning	Country	Station
3200.0		1930	Swaziland	TWR
3255.0		1930	South Africa	BBC
3366.0	0530		Ghana	GBC
4760.0	0600		Liberia	ELWA
4770.0	0500	1930	Nigeria	R Nigeria
4775.0	0500		Swaziland	TWR
4784.0	0600		Mali	ORTM
4835.0	0600		Mali	ORTM
4845.0	0630	1930	Mauritania	R Mauritanie
4890.0	0430		Gabon	R France Int
4915.0	0530		Ghana	GBC
4915.0		1900	Kenya	KBC
4950.0	0500		Angola	R Nacional
4950.0		1930	Sao Tome	VOA
4960.0	0500		Sao Tome	VOA
4965.0		1930	Zambia	Christian Voice
4976.0		1930	Uganda	R Uganda
5010.0		1930	Madagascar	RTV Malagasy
5030.0	0600	1930	Burkina Faso	R Dif Nationale
5050.0		1930	Tanzania	R Tanzania
5970.0	0530		Sao Tome	VOA
5985.0	0500	1930	Congo Rep	RTV Congolaise
5990.0		1900	Ethiopia	R Ethiopia
5995.0	0600		Mali	ORTM

Freq	Evening	Morning	Country	Station
6005.0	0700		Ascension Is	BBC
6055.0		1930	Rwanda	R Rwanda
6080.0	0600		Sao Tome	VOA
6137.8	0445		Sierra Leone	R UNAMSIL
6210.0		1815	Ethiopia	R Fana
6265.0	0500		Zambia	R Zambia
6940.0		1815	Ethiopia	R Fana
7110.0	0645		Tunisia	RTV Tunisienne
7125.0	0700		Guinea	RTV Guinienne
7210.2	0600		Benin	ORTB
7255.0	0600		Nigeria	V of Nigeria
7275.0	0645		Tunisia	RTV Tunisienne
9475.0	0230		Egypt	R Cairo
9500.0	0500		Swaziland	TWR
9575.0	0300		Morocco	R Medi Un
9720.0	0408		Tunisia	RTV Tunisienne
9845.0	0430		South Africa	AWR
9925.0	0500		South Africa	RVI
9990.0		2130	Egypt	R Cairo
11640.0	0600		South Africa	TWR
11710.0	0500		South Africa	Channel Africa
11735.0		1445	Tunisia	RTV Tunisienne
11920.0	0345		Morocco	RTV Marocaine
11975.0	0430		South Africa	AWR
12005.0		2030	Tunisia	RTV Tunisienne
15105.0	0600		South Africa	AWR
15120.0	0600		Nigeria	V of Nigeria
15215.0	0600		South Africa	Channel Africa
15345.0	0600		South Africa	AWR
15435.0		2000	Libya	V of Africa
21560.0	0815		South Africa	SARL



english in time order

Compiled by Yuri (George) Muzyka, Auckland



Time Order summary of Ken's Under 9MHz & Andy's Over 9MHz BandWatch columns. Please remember to include the date and signal strength with all your loggings, thanks. 73 - Yuri ("George") Muzyka, ZL1GYM <http://www.linradio.com/sources.htm> (yuri@win.co.nz ***SIGNAL STRENGTHS*** e = Excellent; g = Good; f = Fair; p = Poor.

Time (UTC)	Frequencies (kHz)	Station Name	Station Country	Log Date	DXer Name
0245-0300	7160f	R Tirana	ALBANIA	29/6	KAB
0300	7290p	VOA	USA	5/7	GJ
0325	7275f	VOA	USA	8/7	GJ
0330	5855e	VOA	USA	8/7	GJ
0330	6080p	VOA	USA	9/7	GJ
0330	7105p	VOA	USA	3/7	GJ
0334	6190p	BBC	UK	8/7	GJ
0350-0400	7155g	RFE/RL	UK	2/7	KAB
0353	7120g	BBC	UK	8/7	GJ
0400	5955f	Channel Africa	AFRICA	8/7	GJ
0400	6195g	BBC WS	UK	21/6	RP
0400-0500	6890g	WWRB	USA	21/7	IC
0405	7160g	BBC	UK	8/7	GJ
0415	5975g	BBC WS	UK	1/6	RP
0415	7235p	AWR	STH AFRICA	17/7	GJ
0421-0423	6005e	BBC WS	UK	21/7	GJ
0430-0436	6000f	R Havana	CUBA	7/7	CC
0438	4960g	VOA	USA	5/7	GJ
0445	7235g	RAI	ITALY	30/7	CC
0445-0505	7235f:9875	RAI Int	ITALY	1/6	RP
0500	6265	R Zambia	ZAMBIA	19/7	CC
0500	7195f	VOA	USA	1/7	GJ
0500	7255g	V of Nigeria	NIGERIA	5/7	JSB
0510	6015p	AWR	STH AFRICA	3/7	IC
0604	5970g	VOA	USA	16/7	GJ
0858	3291.3f	V of Guyana	GUYANA	2/7	RAD
0901-0909	4890g	Port Moresby	PNG	2/7	RAD
0926-0928	7445(USB)g	RFPI	COSTA RICA	29/7	CC
0939	3260f	R Madang	PNG	11/7	PWO
1005	5745g	VOA	USA	14/7	MG
1018-1030	5019.9f	SIBC	SOLOMON IS	1/7	RAD
1100	6195g	R Singapore Int	SINGAPORE	6/7	JSB
1101-1105	6150g	R Singapore Int	SINGAPORE	13/7	CC
1155-1157	6095f	WSHB	USA	14/7	CC
1230-1300	3365g	R Milne Bay	PNG	25/7	KAB

1635	5920p:6055p:7345fR	Slovakia Int	SLOVAKIA	10/7	CC
1740	7230p	BBC	UK	3/7	GJ
1745	7120p	RN	NETHERLANDS	3/7	GJ
1810	4820f	R Botswana	BOTSWANA	15/7	GJ
1810	6095p	AWR	STH AFRICA	13/7	GJ
1820	7170g	AWR	STH AFRICA	6/7	GJ
1823-1827	5970p	AWR	STH AFRICA	17/7	GJ
1900	6020p	RN	NETHERLANDS	9/7	GJ
1900	7295f	V of Malaysia	MALAYSIA	27/6	RP
1902-1906	6195g	BBC WS	UK	15/7	KAB
1915	4950g	VOA	USA	6/7	GJ
1932	3230p	World Beacon	USA	14/7	GJ
1935	4965p	Christian Voice	ZAMBIA	6/7	GJ
1940-1944	4930p	Turkmen Radio	TURKMENISTAN	31/7	PWO
1949-2000	4890g	R Australia	AUSTRALIA	5/7	KVB
2000	3366	GBC	GHANA	4/7	GJ
2000	4915g	GBC	GHANA	4/7	GJ
2011	4770f	R Nigeria	NIGERIA	4/7	GJ
2025	6035f	VOA	USA	4/7	GJ
2030	6175g	High Adventure Ministry	GERMANY	24/6	RP
2035	4976g	R Uganda	UGANDA	3/7	GJ
2050	4950g	VOA	USA	-	PGA
2100	6195p	BBC WS	UK	22/6	RP
2105-2107	6095g	VOA	USA	10/7	KAB
2113	3255p	BBC	UK	3/7	GJ
2135-2146	6155f	ORF	AUSTRIA	15/7	KAB
2200	7150f	AIR	INDIA	7/7	IC
2228	7415g	VOA	USA	8/7	GJ
2343-2354	7580f	WHRA	USA	8/7	KVB

tv.fm@radiodx.com

Compiled by Adam Claydon, Te Kuiti



Hello all once again from Te Kuiti. Make sure you check out my new web site for more info about me: www.claydon.tk

Moves in the Rhema Network The Rhema Network are planning to shift Rhema's Whangarei outlet from 98.7 FM to 621 AM, so that Life FM can take over the FM frequency. † The new AM antenna will also be able to carry Southern Star when funds allow. (Bryan Clark)

More guardband changes in Auckland Red FM 95.4 is being simulcast on 106.7 FM. † Not sure if this is a formal relay - 95.4 is based on Auckland's North Shore and the signal is not particularly strong in South Auckland. † Haven't caught any reference to 106.7 on air. Up FM and its "dance" format has moved from 100.6 FM to 107.3 FM. An "oldies" format is being aired on 107.6 FM. † I suspect this is the Ericsson Stadium † station previously operating on 100.8 FM. † Will have to check next time there is a Warriors League game at the stadium as 100.8 carried the radio commentary and audience warm-up. The only Auckland-based

guardband signal still audible from home on the 100.1 to 100.9 range is the open carrier on 100.2. † All has been quiet since short-termer Buck-FM vacated the channel, but the transmitter still puts a solid carrier into the central city and near eastern suburbs. (Bryan Clark)

Otahuhu T.L.C Radio 107.0 ex 100.2; Mt. Wellington ? 107.8 ex 100.8 (W. Lashley, Otahuhu)

Guardbands in Christchurch Some observations of the guard band scene in Christchurch are:

88.1 Rap Music, Unknown ID

88.2 R Pegasus has 4 transmitters on this frequency to cover most of Christchurch

88.4 Pulse 8 FM

106.7 Music, relig prgm, unknown ID

107.0 R Redwood

107.3 Seaside FM, Mairehau repeater.

The rest of the frequencies are not in use, or not audible at my address at the moment. (Ken Baird)

New Pacific radio network ready to go Pasefika Communications Network Ltd will run the new Pacific Radio Network due to go on air in September, the Government said today. Pacific Island Affairs Minister Mark Gosche said the decision would ensure the new network was driven and operated by Pacific communities. The Government has allocated \$7.7 million over four years to establish the network, which will be broadcast from Invercargill to Whangarei on FM. It is due to go on air on September 1. (New Zealand Herald 25/7/2002 via Bryan Clark)

Is 'The Wolf' dead? 1017 & 1593 KHz have both now disappeared from the airwaves in Christchurch, with "The Wolf" homepage <http://www.thewolf.co.nz> not now being available (Chris Wright). No sign on 100.9MHz locally either (Paul Ormandy). **Wolf Network Goes AWOL** Southern 'rural' radio network The Wolf, which found innovative ways to get its signal throughout New Zealand by piggy backing on the Sky Digital TV platform, has ceased broadcasting. Reports suggest the station lost its financial backers. (Median Strip July 8)

Breakfast In Te Puke The people of Te Puke will be able to tune into their own local breakfast show on 92.9 Kiwi FM from Monday July 29. Hosted by 1XX's Andrew Whyte, the 7am-11am show will be broadcast from a studio at the Capitol Entertainment Theatre. (Median Strip July 26)

Pulse Is Racing Wellington guardband station Pulse FM, a 'community orientated' station with local information and positive music from a Christian viewpoint, has returned to the airwaves. The station broadcasts to the Eastbourne area on 107.3FM. (Median Strip July 26)

Balclutha Latest To Get New Guardbander Another guardbander makes its debut next week - in Balclutha. Radio Clutha 88.4FM makes its debut this week, playing music from the '70s to today and including outside features like Hokonui Gold's farming show and IRN News. (Median Strip July 19)

New Greymouth Guardbander Greymouth has a new guardband community station, playing music from the '50s to '70s, and targeting the "baby boomer" generation. Pegasus Gold 88.3FM will provide community information and free advertising for community groups, says co-ordinator Dave Smith. (Median Strip July 8)

CanWest Assets Still On The Block No word yet on who might have won the bidding for CanWest's radio and television assets - though the Australian press is talking up Austereo

as the likely new owners of the radio arm. An announcement had been expected by the end of this week. If CanWest is not satisfied with the bids it receives, the possibility of a public stock market float has not been ruled out. (Median Strip July 26)

Maori Media Unite Two of the country's leading Maori radio operators - Auckland's Mai FM and Christchurch's Tahu FM - have joined forces this week to expand news and current affairs coverage in the South Island. Maori broadcasting in the south received a big boost during the last two years when Tahu FM extended its broadcast to Dunedin, Invercargill and Kaikoura. (Median Strip July 26)

utilities@radiodx.com

Compiled by Evan Murray, Auckland



2348	0532	DOC possum trappers chatting in Central North Island. PC
2670	0904	Kodiak Coastguard with marine info broadcast as announced on 4125 at 0903. Fair copy. PC
3336	0840	DOC stations ĪChalkyŌ island to ĪCattfishŌ island. Conversation about phone link system versus direct radio usage. Nelson base entering conversation also. PC
4010	1005	VHI call to Aussie outbackers . QSY to 7465 then back to 4010. PC
4029	0806	DOC conversation mentioning ĪChalkyŌ. Arrival and departure times, days, etc. PC
4146	0953	Canterbury Draught Rescue (helicopter ?) to Taupo maritime. Radio chat on this channel then QSY to 6224 then VHF channel 68. PC
4493	2025	ZLIG1 Blenheim base to ZLIG107. Talk of Wx etc. PC
5000	1000	Australian VNG time station. RP
5143	0953	Outback Aussies discussing merits of 87 Landcruiser. Overridden briefly by VJN Cairns. Automated announcement discussing oil consumption of older Landcruisers. PC
5473	0523	Delta Charlie 28/Delta Charlie 29. Talk about 12V supply regulator problems. PC
5526	0827	Brasilia, Brasilia do you read. Probably MWARA SAM 2. EM
5547	0931	San Francisco/Singapore 1. SC check. EM
5547	1004	San Francisco/Malaysian 925. Climb to and report reaching 320. EM
5547	1036	San Francisco/American 587. EM
5616	0743	674/Gander. Posn. Go ahead. EM
5616	0755	334/Gander. Requesting 320. Standby. EM
5643	0939	Freedom 317/Aucklkand. E M
5643	0549	Auckland/Argentina 1722. Posn 43.55 S, 175.00 W at 0548 FL 370. Next 47.25 S 170.2 W. EM
5643	1003	Auckland/Freedom 312. Destination Hamilton. PVP
5643	1004	Brisbane/Qantas 25. FL 330. PVP
5649	0842	Gander/Air France 334. Posn 51.50 N 34 W. Acknowledging moderate turbo encountered by Boeing 767. EM
5680	2226	Waimana Base. Team 1 have found dead horse 170 yards from track

- GR 685 844. Also calls from Iroquois 06 uplifting teams. Missing party was found DOA. NM
- 5680 0430 Waimana Base. SAR to Iroquois 06. Teams 4, 5, 12 . Arranging helicopter lift out. QSY 3023 night frequency at 0530. Full debrief of all teams at 0630 on 3023. PC
- 5680 0315 Christchurch Base to Blenheim Base. Discussing problem of high SWR on permanent mountain hut antenna probably due water in resonant traps that allow dual 5680/3023 use. PC
- 6577 0643 Varig 8861/Medlink. Medical emergency will be standing by for your arrival Newark. This is Varig 8864 we are going to JFK. What is your Selcal - CDHK and request Wx Boston, New York. Philadelphia. Your gate will be West concourse gate 28. Call New York ramp 130.77. Taxi instructions San Francisco 129.45 for relay to LA Ops. NM



Towing out the glider to prepare for take-off.



Steve Fossett suited up and ready to go.

Oamaru Branch members Basil Jamison, Peter Grenfell and wife Jill had a great day at Omarama checking out Steve Fossett and the Perlan Project record height attempt for a glider.

Unfortunately Steve Fossett and former NASA test pilot Einar Enevoldson were unable to break the record this time as they did not get the right conditions but another attempt is likely to be made in June 2003.



Former NASA test pilot Einar Enevoldson Einanevoldson



Steve Fossett

6637 0554 Christchurch Watch/NGA. We have a divergence left of 13 degrees. Reports tell us that an alteration in thrust setting, air con, etc you can expect divergence of up to 15 degrees or less is not uncommon. Will put in as a bring up and check on the rest of your flight. NM

6637 1925 Pacific 437/Nadi. Are we getting back to Nadi from Nausori by Air Fiji. The crew will be ready at 7.00. Air Fiji will hold and depart when crew arrives. NM

6679 1011 Tokyo/Japan 310. EM

6679 1000 Canadian Volmet. PVP

6692 1059 Magadan Radio, Khabarovsk and Nikolaveysk in Russian. JC

6693 1028 Unid - Require fuel on board. US accent. EM

7975 0710 Australian mobile home net visiting historic sites out of Brisbane. NM

7995 2025 Amundsen-Scott South Pole station work related conversation. JC

8855 0512 Cayenne/World 101. SC check JMGH. Frequency for Piarco Wx ? JC

8861 0459 LAE/A93 (?) QRN and Moresby heard. JC

8867 0908 Freedom 312/Brisbane. Contact Brisbane 5643. Maintain 370. SEPAN. Call again at WARTS. EM

8867 0537 Brisbane/CZG. SC check BEFM. JC

8867 1010 Tahiti/NZ 17. FL 340 Request 350. PVP

8879 1019 Gander/Air France 30. FL 320. EM

8879 0951 Monarch 361/Gander. 56 N 30 W, next 56 NB 40 W. SC AGPR.. EM

8894 0423 Niamey/MKA 103. Estimate Lagos 0700 (MK Air Cargo UK) JC

8894 0506 Nouadhibou working Unid. JC

8903 0430 Kinshasa working Unid. JC

8903 0404 Air Gabon 701 Dubai to Brazzaville working possibly Brazzaville. SC SJCF. JC

10048 0921 San Francisco/Korean Air 01. Request 370. EM

10048 0926 San Francisco/Korean Air 01. Posn 40 N, 160 W, FL 350. EM

10048 0935 San Francisco/North West 2. SC CMAD. EM

11300 0416 Tripoli/Unid (A?N) 953. DC8 cargo from Khartoum to Benghazi. Request Benghazi Wx. JC

13261 0439 San Francisco/NZ 10. Maintaining FL 330. PVP

Thanks to all our contributors.

JC - John Charlton, Greymouth - Kenwood 5000 with 30 m wire
 PC - Peter Chambers, Clive - Drake R8A with inverted Vee dipole
 BJ - Basil Jamieson, Oamaru - Drake R8, Kenwood 5000 with 30 m wire
 NM - Neville McKenty, Napier - NRD 545, Icom R70 with various antennas
 RP - Robert Park, Wellington - Kenwood 1000 with 40 ft wire
 PVP - Phil van de Paverd. Auckland - Icom R71E with 30 m wire
 EM - Evan Murray, Auckland - Kenwood 5000 with T2FD



It must be Spring with the 'bursting forth' of new loggings and more contributors, as well as the 'reappearance' of the line-up from the US in the X band.

From the MAILBAG:

RAY CRAWFORD, Forestdale Queensland leads off with logs of KXTR 1660, WODX 1660, KTCT 1050, KDNZ 1650, XECF 1410 and XECU 1450. Veries in from KNRO 1670, KKWY 1630, WHKT 1650, KXTR 1660 and KXOL 1660 (both email veries).

BRYAN CLARK, Auckland managed to do some DX in early August at Omaha Beach. He has reports away to WDHP 1602 Virgin Islands, and WJDJ 580 American Samoa.

SUTTON BURTENSHAW made up for lost time a log of KXTR 1660 while with Ray Crawford in Queensland, and at Neptune Beach logged 4TAB 1008, 2MW 972, 4QR 612, and 4KQ 693. Back at home base Sutton has logged 2KM 1520 and 2KY 1017. Veries in from 2ZE 1XTR ppc, KXTR email, and 4TAB.

LINDSAY ROBINSON Invercargill spent a couple of nights at Tiwai and has logs of WDHP 1620, KRJO 1680, KDDZ 1690 and he now awaits the QSL's. Great to hear from you Lindsay.

PAUL ORMANDY, Oamaru has no new logs but some good QSL's in from CB106 Radio Santa Maria de Guadelupe Chile 1060, DZBF Marikina City 1674 1 kw, Now radio 1017, YVOL radio Mundial 860 KCWW Bakersfield CA 550. The CB106 verie came by email after 3 years and followups. (gretamal@santamariadeguadallupe.com).

Paul recommends anyone who has not logged Tonga A3Z on 1017 do so now as the frequency is clear of New Zealanders until someone fires up the 2.5kw transmitter in Christchurch previously owned by Now Radio. Similarly Paul suggests 1593 from where "the Wolf" has gone — as it seems to have gone from frequencies nationwide.

STU FORSYTH Wellington has veries back from the following: 3PB 1026, 2PB Sydney 630, Canberra 1440, Newcastle 1458, 7PB 729, 2AY 1494, 2BS 1503, 4TAB 891, 2ZW 1314, 2KY 1017, 2HH 1341, 2VM 1530, 2MG 1449, 2XL 918, 2RE 1557, 2LF 1350

NEV McKENTY, Napier has continued to hear WJDJ and it appears Nev, the station is on 580 as the notes later in this section confirm. Hope you've got a report away !

MEDIUM WAVE NEWS

USA

1630 KNAX TX, Fort Worth, is new and has been heard with SS Ranchera type mx, with ID as "14-40...KTNO...Denton, Ft. Worth...." No mention of KNAX. (Martin CA) 47th station now live on the US X-Band.

1420 kHz Honolulu, Hawaii now KKEA ex KCCN.. Still carrying ESPN Radio and Talk programming.

1370 kHz Honolulu still KIFO w / NPR and HPR, soon to be KMDR under the new ownership of Diamond Broadcasting, a subsidiary of Legacy Communications of Utah.

NEW ZEALAND:

The Rhema Network is planning to shift Rhema's Whangarei outlet from 98.7 FM to 621 AM, so that Life FM can take over the FM frequency. The new AM antenna will also be able to carry Southern Star when funds allow. (Bryan Clark/DavidRicquish)

AMERICAN SAMOA:

WDJD-AM Tafuna, American Samoa. Authorized for 585-kHz, but is operating on 580- kHz. This part of the globe uses 9-kHz spacing, but they soon realised that all the radios with 10-kHz steps couldn't get them, so they took it upon themselves to change frequencies." (via Geoff Fairbairn, Broadcast Engineering Manager, World Radio Network).

BAHRAIN

A number of high power transmitters have been listed by the ITU for possible use by VOA, BBC, IBB, etc. Location: Isa Town, in northern Bahrain, not far from Manama.
648kHz 1000/250 kW, 693 1000/100 kW, 711 1000/50 kW.
(ARC Information Desk July 8 via editor Olle Alm via Glenn Hauser's DXLD via Bryan Clark.)

ARGENTINA and GUATEMALAN X BANDERS

1630 R.Carisma AM, San Justo, has abandoned 880 kHz and moved here. [M.Cornachiono, Conexi n Digital, 4-02 *Frekvensnytt*, FSDXF]

TGML, RADIO MARIA (La voz de la Familia) has moved from 1615 !!! to 1620.

U.S CALL and FORMAT CHANGES

OLD CALL	NEW
1420 KCCN - HONOLULU, HI	KKEA
1480 WODX - MARCO ISLAND, FL	WVOI

FORMAT CHANGES	
FREQ CALL — CITY	NEW INFO
1690 WPTX - LEXINGTON PARK, MD	NEWS-TALK — CNN

BROADCAST TRAIL

- 580 WJD 1000 Pago Pago** strong carrier all night, but audio rather subdued by adjacent NZL stations. Programme consists of gospel songs and talks in Samoan and English. Ident noted at 0917. BC
- 580 KMJ Fresno CA** presumed the American talkshow station carrying 'Coast to Coast AM' and news at 0930, mixing with Pago Pago. BC
- 640 KFI Los Angeles CA** vgd 0558 with Toyota advert, Michael Bolton concert promo and ident on the hour. BC
- 750 0622 Ecuador HCRS2 R Caravana**, Guayaquil, time check and ID's simply as 'Caravana', mxd with Caracol Medellin. PO
- 770 KOB Alberquerque NM** with 'KOB News' 0603 and "Good morning, at 12.03, its 69 degrees in Alberquerque". BC
- 770 0643 Colombia HJKH RCN** Bogota, ad and t/c with male /female announcers swapping news items. PO
- 850 KOA Denver CO** with temperatures for the city and neighbouring states, fair 0605. BC
- 870 0516 Argentina LRA1** Radio Nacional Buenos Aires, fr signal with news PO
- 940 0801 USA KWRU** Fresno CA, id then jingle and ads. PO
- 950 0554 USA KPRC** Houston TX, pr with talk show. Local ID 559 PO
- 1017 0739 Tonga A3Z** Nuku'Alofa, talk in Tongan PO
- 1020 0803 USA KTNQ** Los Angeles CA, fair with news in Spanish
- 1030 0330 Chile R. Chilena**, Concepcion (tent) time pips and and tiem as '23 horas y trienta minutos' and ID "La cadena de noticias." PO
- 1050 KTCT San Mateo CA** fr with ESPN sports. RC
- 1100 0803 USA KFAX** San Francisco CA, good with relig program.
- 1110 0745 MEXICO XERED** Mexico C, dominant o/unid English station with talk in Spanish.
- 1140 0805 USA KHTK Sacramento**, fair with ads then into sports talk.
- 1170 0616 Colombia HJNW** Caracol Cartegena, fair over Nzer with talkback PO
- 1100 XECF Los Mochis** quite good some nights with ranchera music RC.
- 1200 1055 USA WOAI** San Antonio TX "Newsradio talk 1200 DN
- 1450 XECU Los Mochis** fair with ID 0900 and continous ranchera RC
- 1460 0750 USA KTXS** Salinas CA presumed the one here with network talk. No sign of Hawaiian KRHA (BC) "News Radio KTXS" DN
- 1460 1006 KRHA (tent) Hawaii**. SF
- 1470 0654 Canada CJBV Vancouver**, pr fair with tik in CC. Programme sponsored by a Vancouver business. PO
- 1470 0728 PERU CPN** Radio, Lima, fair with talk in SS.
- 1480 0652 USA KYOS** Merced CA, pres the one here running talk show at fair level
- 1510 0748 UNID** Possibly Mexican with ranchera-style music though no ids heard.
- 1520 0753 USA KOMA** Oklahoma City OK, dominant with oldies pops, string of ads and ids.
- 1520 0341 Colombia HJLI Ecos del Palmar**, Bogota, fr with mx prog. ID 0347 PO.
- 1530 1040 USA KFBK** through NZer. Talkback DN

1540 0712 UNID Possibly Mexican with ranchera-style music over sports-talk (KTCD?).

1560 0754 MEXICO XEFAJ R Consentida, fair with rollicking Mexican mx and canned ID's. PO

1570 0438 Chile R. Familia de Maule, Concepcion. ID "La gran fiesta en radio Familia, 15-70 en amplitud modulada." PO

1580 0808 USA KBLA Los Angeles fr with Radio Unica prog. News. Mxed with KMIK running Radio Disney. PO, DN

1580 KMIK Tempe AZ with Radio Disney promo very good over SS, presumed KBLA at 0451. BC, RC.

1620 WDHP Kristenstad VI dominant with detailed identification anncts noted at 0429, 0459 and 0559, prior to news from the Information Radio Network.

Otherwise carrying typical mainland talkshow fare. BC

Heard by PO, 0427 with 'Next Dimension' talk Show with Patti Purcell.

1620 0544 USA WTAW College Station TX poor with tlk but in the clear until Aussies fade up. PO and DN

1640 KDIA Vellejo CA fair 0617 with Business radio info. PO;

Discussion on profits of Bank of America 1047 DN

1640 KBJA Sandy UT presumed the Radio Unica Spanish language station hrd here 0613. BC

1650 KBJD Denver CO with gospel songs and slogan ident 0659:45 prior to news. BC

1650 KFOX Torrance CA with Korean language prgm here at 0535.

1650 KDNZ Cedar Falls IA, big commercial brealgk 1025 then ID /wx RC.

Presidential call for business honesty 9/7 0959 DN.

1660 KQWB West Fargo ND with oldies and "Star 1660" idents. Over/mixed several others 0522. BC

1660 KXOL Brigham City UT dominating frequency 0705. Has similar music format to KQWB. BC

1660 KXTR Kansas City, fr with classical mx 1030 RC

1660 WCDX, Marcos Is FL good with 'Newstalk 1660' ID //WODX

1660 1020 USA WQSN "Sports News radio" DN

1670 UNID with 'John & Jeff Show' talk format 0537. BC

1680 0642 USA KRJO Monroe LA, fr with black soul ads and canned Id "Your celebration station."

1680 WTIR Wintergarden FL with "Information Radio" ident at 0524. BC. Still there 1024 with big ID at 1012. DN

1690 UNID with Spanish language programming including Jewish references and music 0623. Suspect KSXX Roseville CA. BC

1700 0659 USA KTBK Shearman TX fr with slogan "Sports radio AM 13-10 The Ticket" PO

1700 0759 USA KBGG Des Moines IA, oldies with ID prior to the hour "The All new KBGG." PO

1700 0503 WJCC Miami FL "Voz Cristiana" Id brief rel message and gospel in SS PO

With thanks to DN David Norrie BC Bryan Clark RC Ray Crawford PO Paul Ormandy SF Stu Forsyth



Hi everyone. If conditions on MW are any guide, then conditions are on the improve. That is also a good harbinger for the pirates which need similar favourable conditions to break through the ether, so keep your ear on the 6.2 — 6.3MHz range around dusk on Sundays.

Lindsay Robinson, Invercargill, checks in with a QSL from Voice of National Salvation of Korea 4757kHz. He received a letter and card for an EE report in 3 months, for 1 IRC.

Thanks to **Richard D'Angelo** Wyomissing, PA for the following items:

- 6950 0148 PIRATE (No. Am.) Sycho Radio, *0148-0150 Jul 2, Man with opening ID followed by a rap tune. Fair. (D'Angelo-PA)
- 6955.1 0253 PIRATE (No. Am.) WNPR, 0253-0255* Jul 1, rock music until brief sign off ID with a man mention call letters and a woman the frequency. Fair to good. (D'Angelo-PA)
- 6955 0131 PIRATE (No. Am.) WHYP, 0131-0148* Jul 2, Alan Barnyard with subconscious adventure for himself, Outer Limits theme music at 0142 and ID; address for postal (Box 28413, Providence, RI 02908) and e-mail (whyp@partlycloudy.com) correspondence; sign off. Good signal. (D'Angelo-PA)
- 11715 0019, CLANDESTINE Democratic Voice of Burma via Uzbekistan, 0019-0030* Jul 8, man with talk in Burmese followed by traditional vocals to program close down. Poor to fair. (D'Angelo-PA)

And as things could be heating up in the Iraqi region, here's a run-down on the current scene there with the kind help of the good folk at www.clandestineradio.com

The modern history of clandestine radio in Iraq begins with the Voice of Iraqi Kurdistan (see Kurdistan Intel), which was brought to the airwaves with covert American funding during the early 1970's. The regional balance of power changed, however, as the violent takeover of Iran by the Ayatollah Khomeini and his state sponsorship of terrorism led to a breakdown between Tehran and Washington. Only a handful of radio stations broadcast against Baghdad during the Eighties, all emanating from Iran. But with support from U.S. and West European intelligence agencies Radio Baghdad facilities worked overtime to broadcast anti-Iranian programming recorded by various guerilla groups.

Things began to change with the Iraqi invasion of Kuwait and the Persian Gulf War in 1990 and 1991. The U.S. military broadcast a gray clandestine radio station called the Voice of the Gulf from airborne facilities and the CIA helped to establish airtime for a program called Voice of Free Iraq over Saudi government transmitters.

And since the end of the Gulf War, the war on the radio has continued to heat up. Iran continues its support for a number of anti-Iraq groups and the American and British governments have spent millions to push the propagand of the groups they support. Until there is a change of government in Baghdad, the airwaves within Iraq are certain to boil.

Radio Free Iraq Organization: Radio Free Europe / Radio Liberty. Broadcasts from: Kavala, Greece; Lampertheim, UK; Woofferton, UK. Languages: Arabic. Identification: (Arabic) Idha'at al-Iraq al-khar min Prag (English translation) Radio Free Iraq from Prague). Active Since: October 30, 1998. Contact Address: RFE / RL, 1201 Connecticut Ave, NW, Washington, DC 20036 USA. Related Websites: Radio Free Iraq Schedule Monitored: Jan 02: Schedule

Voice of the Democratic Assyrian Movement, Ashur Radio Organization: Assyrian Democratic Movement, which seeks independence for the Assyrian minority in northern Iraq. Languages: Assyrian, Arabic. Identification: (Western Assyrian - Suroyo) Harga pras Qalo d'Ashur men Athra, Qalo d'Zowao Demokrataio Atouroyo.". (Eastern Assyrian) Lakheley pres Qala d'Ashur men Athro, Qala d'Zowaa Demokrataia Atouraia. [English translation] This is Voice of Ashur from the Homeland, the Voice of Assyrian Democratic Movement. (Arabic) Huna Sout Demokratii Ashuria. Active Since: April 2000. Contact Address: e-mail: info@zowaa.com. Related Websites: Assyrian Democratic Movement Monitored: Apr 02: **1700-1900v 9155 kHz** (Trutenau-Lithuania CRW 105)

Voice of Iraqi People/Voice of Free Iraq/Republic of Iraq Radio Organization: Unknown, however, sources within the Iraqi opposition have told ClandestineRadio.com that it is sponsored by Saudi intelligence. Further, Egyptian monitor Mahmud Saladin K. Fathi reported in 1998 that the station is "A heretic's desperate propaganda operation believed to be booming from Saudi Arabia... I am familiar with the female announcer's voice, whom as far as I remember previously hosted a kids program there." (CDX 197). Broadcasts from: Declared that it was using the facilities of Egypt, Syria, & Gulf Cooperation Council member states. The New York Times reported in 1991 that the studios were located in Jeddah, staffed by 40 Iraqis and protected by a contingent of Saudi guards (NYT). The Washington Post reported that it broadcast via Saudi Arabia (Washington Post, Sep 15, 1996, A01). Once again, confirmed by ClandestineRadio.com sources. Languages: Arabic, Kurdish, Turkmen. Identification: (Arabic) Idha'at al-Jumhuriyah al-Iraqiyah min Baghdad, Sawt al-Sha'b al-Iraqi (English translation) Radio of the Republic of Iraq from Baghdad, Voice of the Iraqi People. Active Since: January 1, 1991. Contact Address: Suliman A. al-Samnan, Dir. Freq. Management, Broadcasting Service of the Kingdom of Saudi Arabia, P.O.Box 61718, Riyadh 11575, Saudi Arabia Unconfirmed. Related Websites: Unknown. Monitored: Mar 91: 2000+ 9570, 9995, 15600, 15605 kHz (ANARC SWL Net). Apr 01: ***1500-0300* 9563v, 11710v** kHz (Titarev-Ukraine, Ritola-Finland CRW 68)

Voice of Iraqi People Organization: Iraqi Communist Party, possibly affiliated with Voice of Iraqi Kurdistan, & Voice of the Communist Party of Iraqi Kurdistan. Broadcasts from: Possibly from Iraqi Kurdistan. Station is confirmed to have used facilities there during the early 1980's. Languages: Arabic, Kurdish. Identification: (Kurdish) Era Dengi Gel-y Iraqi (Arabic) Huna sawt al-Shab al-Iraqi, idha'atu al-Hizb al-Shuju'i al-Iraqi. (English Translation) This is Voice of Iraqi People, radio of the Iraqi Communist Party. Active Since: March 21, 1982, however "a radio of the same name and Communist Party affiliation was heard between 1963 and 1968 being clandestinely from Bulgaria." (BBCM via WWDXC) Other reports point towards June 1960 as the original founding of the station. Contact Address: BM Al-Tarik, London, WC1N 3XX, UK. Fax: ++44(171)419

2552. E-mail: iraq@iraqcp.org .Related Websites: Iraqi Communist Party Voice of the Iraqi People. Monitored: Apr 02:

1830+ 3903v kHz (Nees CRW 104)

Voice of Islamic Revolution in Iraq Organization: Shii Supreme Council of the Islamic Revolution of Iraq (SCIRI) SCIRI is headed by Muhammad Baqir al-Hakim in support of the Shiite uprising in southern Iraq. Also affiliated with the Islamic Da'wah Party and the Islamic Revolutionary Army for the Liberation of Iraq. Group is believed to receive support from Iran. Although approached by U.S. officials, group refuses to receive American aid. Broadcasts from: Mashad and Sirjan, Iran. Languages: Arabic

Identification: (Arabic) Sawt al-Thawrah al-Islamiyah fi al-Iraq. Active Since: 1983. Contact Address: (SCIRI), 27a Old Gloucester St. London WC1N 3XX, UK. Tel: +44 171 371 6815 Fax: +44 171 371 2886

e-mail: info@nidaa-arrafidain.com e-mail: 101642.1150@compuserve.com . Contact: Dr. Hamid Al Bayati (Representative of SCIRI in UK). Related Websites: Shii Supreme Council of the Islamic Revolution of Iraq Shii Supreme Council of the Islamic Revolution of Iraq Old Site. Monitored: Mar 91: 1224 kHz via Iran and shared schedule with the Voice of Disavowal from the Polyatheists. (BBCM via SCDX 2146). Nov 00: 0341+ 7295 kHz (Johnson-Hawaii CRW 57) Apr 01: ***0330-0530* 9535, 9685, 7120, 7245 kHz** (Petraitis-Lithuania CRW 67)

Voice of Rebellious Iraq Organization: Shii Supreme Council of the Islamic Revolution of Iraq (SCIRI)

SCIRI is headed by Muhammad Baqir al-Hakim in support of the Shiite uprising in southern Iraq. Also affiliated with the Islamic Da'wah Party and the Islamic Revolutionary Army for the Liberation of Iraq. Group is believed to receive support from Iran. Although approached by U.S. officials, group refuses to receive American aid. Broadcasts from: Basra, Iraq, or possibly from Al-Ahwaz, Mashad and Sirjan, Iran

Languages: Arabic, Kurdish. Identification: (Arabic) Sawt al-Iraq al-Tha'ir (Kurdish) Dangi Iraqi Shurashgar. Active Since: March 12, 1991. Contact Address: P.O.Box 36802, Damascus, Syria P.O.Box 11365/738, Tehran, Iran P.O.Box 37155/146, Qom, Iran (SCIRI), 27a Old Gloucester St. London WC1N 3XX, UK Tel: +44 171 371 6815 Fax: +44 171 371 2886. e-mail: info@nidaa-arrafidain.com . e-mail: 101642.1150@compuserve.com . Contact: Dr. Hamid Al Bayati (Representative of SCIRI in UK). Related Websites: Shii Supreme Council of the Islamic Revolution of Iraq Shii Supreme Council of the Islamic Revolution of Iraq Old Site. Monitored: May 98: **1200-1450 6020v kHz** (BBCM via NU 1476)





WELCOME TO THIS MONTH'S NEW MEMBERS **TERENCE HOGAN**, 36A Kowhai Road, Mairangi Bay, Auckland 1310; **STANLEY TAYLOR**, 84 Grassmere Road, Hendersen Valley, Waitakere City; **ALF LARGE**, 770 State Highway 6, Runanga 7854; **ERIC DONN**, P.O. Box 29063, Christchurch 8030 and **KEITH CREIGHTON**, 31 Greta Street, Oamaru. Stanley joins us as a result of the promotional announcement being aired by BBC 1476 AM in Auckland. Alf is our 4th West Coast member. He and Eric have signed up for electronic subscriptions — if you have a computer and an Internet connection, this provides a 43% discount on the standard NZ subscription rate for a hardcopy magazine each month. Keith has a well-known DXer living next door, which proves that our hobby can be contagious! He has joined with North Otago branch members over quite a few years and been a regular 'behind the scenes' helper at North Otago DX conventions. Gentlemen — please let our section editors know what you are listening to.

2002 AGM The League's 54th Annual General Meeting will be held at 2.00pm on Sunday 27 October at the Western Suburbs Radio Club's premises at 3000 New North Road in Avondale, Auckland. This is the Sunday of the Labour Day weekend, so if you are planning to be in Auckland for the holiday weekend, why not meet up with other shortwave listening and DX enthusiasts. Please register your interest with our National Secretary **EVAN MURRAY** at P.O. Box 3011, Auckland, email varrisian@ihug.co.nz or telephone (09) 483-9543. Remits for discussion at the AGM need to be received by Evan no later than 30 September 2001.

NEW RADIO COUNTRIES The following changes to the Radio Countries list have been confirmed by the Administration Committee:

Current Countries

East Timor Independent republic from 20 May 2002.

Papua Indonesian part of New Guinea with name changed from Irian Jaya effective 1 January 2002.

Extinct Countries

East Timor Under Indonesian annexation 3 May 1976 to 24 October 1999.

East Timor UNTAET (United Nations Transitional Authority East Timor) from 25 October 1999 to 19 May 2002, when independence achieved.

Irian Jaya Indonesian part of New Guinea from 1 May 1963 to 31 December 2001, when name changed to Papua.

Other situations still under review are Yugoslavia, Nunavut (Canadian provincial territory), Palestine and the Mosquito Coast of Nicaragua (where the indigenous Indians are understood to be petitioning the Organisation of American States for separate country status).

RALDA CUSHEN has written to thank League members and the worldwide listening fraternity for "the lovely birthday card and beautiful bouquet of flowers" which she received on the occasion of her 80th birthday. Ralda has recently spent some time at the Calvary Nursing Home but is now back at the well known 212 Earn Street address in Invercargill.

WORLD RADIO & TELEVISION HANDBOOK. Each year League members **PAUL ORMANDY** and **BRYAN CLARK** compile the domestic New Zealand listings in the WRTH. It's not an easy job, particularly the FM listings, which must rely heavily on local enthusiasts passing on changes to their local station line-up. We acknowledge the assistance of **AARON ANDERSON, GRAHAM BARCLAY, GAVIN BENNETT, ADAM CLAYDON, ARTHUR DE MAINE, NORM EMPSON, ANDY GARDNER, TONY KING, WINSTON LASHLEY, CHRIS MACKERELL, MARK NICHOLLS, BRIAN PALAMOUNTAIN, DAVID RICQUISH, GEORGE ROLTON, WALTER SINGLETON, PHIL VAN DE PAVERD, BRIAN WEBB, BILL WOLLER** and **CHRIS WRIGHT**. The updated FM Guardband listing (see June 2002 issue) will shortly be posted on our website www.radiodx.com.

KEEPING IN TOUCH WITH HOME Long-time member and expatriate Kiwi **JOHN DAVIES** writes from Queensland that he keeps up to date with New Zealand news via Radio NZ International's relay of the 10pm National Programme News Bulletin and a bulletin of TV3 news carried on Sky News channel Fridays at 7.30pm Brisbane time. But he misses Newstalk ZB's Saturday and Sunday night nostalgia programme with **JIM SUTTON** and wonders whether RNZI could relay it. Well John, RNZI already relays **JIM SULLIVAN**'s 'Sounds Historical' on Sunday nights and that has a growing worldwide audience!

branch.news@radiodx.com
Compiled by Chief Editor, Wellington



AUCKLAND

The 28 July meeting had 10 present at the clubrooms, chaired by Yuri Muzyka. Phil van de Paverd read out lots of SW loggings. Barry Williams said he has lately noticed lots of strong atmospherics. Evan Murray read out some loggings also. A great contribution of loggings!

Evan put the question of a good internet web site for ACARS. Paul Gibson suggests <http://www.airnavsystems.com>. Phil recommends ScanCat for MS Windows although he has experienced trouble getting it to run under Windows XP.

Malcolm Holmes reports the next DXpedition is tentatively for the first weekend in October. He is also busy moving house.

Barry gave a talk on his Bendix valve receiver which is his best for Medium Wave DXing! The tuning is both extremely selective and sensitive with the aid of a large vernier tuning knob. He and Lloyd experimented with antennas comprising long lengths of telephone wire with good results. The unit is an ex aircraft direction finding broadcast band receiver, Model#MN26C.

John West gave a talk on his antenna phasing unit based on a VK5BR circuit design. The circuit involves two separate antenna inputs which are combined together into a summing amplifier which feeds to the receiver. The second antenna input feeds 2 transistors and a tuning circuit to control the signal phasing adjustment to shift it 180 degrees out of phase with the first antenna's

signal. He has added a switch to swap the antennas to give full flexibility to the system. John uses the unit to null out unwanted stations and amplify the one he's DXing, with reasonably good results.

The August meeting will be at the Clubrooms on the 25th at 2 PM. This is tentatively the Branch AGM meeting which will be followed by a talk on WinRADiOs and digital decoding by Paul Gibson, a follow-up from his interesting June talk.

The September meeting is tentatively at the Clubrooms, 3000 Great North Road, New Lynn, just past Whau Creek, on the 29th at 2 pm.

Meetings are on the last Sunday of the month except December.

NORTH OTAGO

The August Meeting of the North Otago Branch of the NZ Radio DX League was hosted by Keith Creighton.

As usual the monthly Frequency Competition was keenly contested. Keith had prepared an challenging task for the evening involving QSLs which was designed to test the memories of members.

All were interested in Paul Ormandy's demonstration of his recently acquired AOR 7030+ receiver. In a small package this is truly a sophisticated radio which will be put through its paces shortly at Paul's listening site at Waianakarua.

It is encouraging that our Branch now has two members who have recently joined the League and another who is soon to join. Basil Jamieson.

SOUTHLAND

Our monthly meeting was held at Lindsay Robinson's with a smaller attendance this month, and it was agreed that the existing Branch Officials in the Branch will continue for the 2002 / 2003 year as from our Annual General Meeting which is to be held at Paul Aronsen's 10 Girvan Street, Wallacetown at 7-30pm on Tuesday 27th August, visitors welcome. A comment was made at the meeting about the DX Times, that it was another "Great Issue". It is planned that we should have a spot of Dxing in September around the time of the Equinox at Tiwai and hopefully do some more work on the antennas and a spot of housework.

WELLINGTON

A small and disappointing attendance at Mark Nicholls' residence in Heretaunga, Upper Hutt. General DX discussion and viewing of some QSLs over coffee. Future get togethers will be advised.

marketsquare - members free advertisements

WANTED

Seeking a **Yaesu FRG7** please contact David W Searle , P O Box 20-256, Christchurch, N Z
email davidsearle@contactplus.co.nz Phone Home 03 358 9776 Mobile 025 653 0516

50th Anniversary of Japanese Shortwave Club

We congratulate the the Japanese Shortwave Club on achieving it's 50th Anniversary. By the time you read this the JSWC will have held it's 50th anniversary celebration.

Below is a message of support sent to the JSWC from the League President David Norrie. (Chief Ed)

On behalf of the New Zealand Radio Dx League I would like to congratulate our fellow short wave listeners in Japan on reaching this milestone.

We in New Zealand tend to think of Japan as a very advanced technological country but forget that, like many countries, there is a significant number of people who are interested in what is happening beyond their borders. Shortwave radio to this day still provides a great way to understand people, their beliefs and values from other parts of the world. Dxing low powered outlets from across the globe is also great fun.

I hope RNZI's signal is audible in Japan and trust your club will reach another significant moment in 2052 ,

Yours sincerely

David Norrie

President NZ Radio Dx League

RNZI ASIA SERVICE:

The following was received from Adrian Sainsbury Technical Manager Radio New Zealand International. *(Unfortunately it just missed publication last month. (Chief Ed)*

Please note we have a new frequency -

RNZI service to Timor and Asia is now using 9850 kHz from [2305-0105 NZST], 1105-1305 UTC.

Radio New Zealand International

P O Box 123

Wellington

Tel: +64 4 474 1430

Fax: +64 4 474 1433

Web: www.rnzi.com

MEDIUMWAVE	JUN	AUG	INC	CNTS	SHORTWAVE	JUN	AUG	INC	CNTS
OPEN (Over 500)					OPEN (Over 500)				
Laurie Boyer	4006			137	Ian Cattermole	4304	4358	54	200
Ray Crawford	2273	2276	3	188	Barry Williams	2703	2703	0	243
Paul Ormandy	1526	1536	10	142	Günter Jacob	2541	2563	22	160
Sutton Burtenshaw	1003	1005	2	102	Ray Crawford	2466	2469	3	227
David Ricquish	778			65	John Durham	2225			264
Bryan Clark	673			120	Laurie Boyer	1750			183
Barry Williams	648	648	0	83	John Campbell	1667	1669	2	261
Mark Nicholls	643	643	0	67	Paul Ormandy	1621	1625	4	240
John Campbell	642	642	0	129	Bryan Clark	1548			236
Paul Aronsen	529				Lindsay Robinson	1435	1441	6	171
Lindsay Robinson	524	524	0	56	Robert Park	1405			96
SENIOR (301 - 500)					Ross Gibson	1055			162
Stuart Forsyth	494	511	17	43	Graeme Dixon	916			117
Peter Grenfell	443	443	0	37	Paul Aronsen	789			125
INTERMEDIATE (151 - 300)					Peter Grenfell	653	671	18	133
Andy McQueen	298			21	Ian Wells	582			133
Robert Krijger	228			13	SENIOR (301 - 500)				
Günter Jacob	209	211	2	44	Andy McQueen	379			103
JUNIOR (5 - 150)					Stuart Forsyth	349	354	5	105
Ian Wells	108			15	INTERMEDIATE (151 - 300)				
Robert Park	86			2	Arthur de Maine	265			91
Adam Claydon	71			4	JUNIOR (5 - 150)				
Arthur de Maine	51			10	Adam Claydon	123			40
FM-TELEVISION					Mark Nicholls	121	121	0	55
Robert Krijger	678			6	Daniel Bloomfield	13			11
Bryan Clark	148			5	UTILITIES				
Paul Ormandy	110	110	0	5	Ron Killick	61754			133
Adam Claydon	49			1	Stuart Forsyth				
Mark Nicholls	42	42	0	2	c/- NZRDXL, P.O.Box 3011, Auckland				
Andy McQueen	29			2	or direct to 46 Akaroa Drive, Maupuia,				
Robert Park	19			1	Wellington 6003				
					E-mail: smforyth@xtra.co.nz				

Welcome to the second half year's competition. Welcome to Ron Killick in the new Utilities section. He has amassed a whopping 61, 754 QSLs - my goodness that is an enormous total. Ron is there in splendid isolation at present: how about a few more members sending in their totals!

Welcome also to Barry Williams. Not many realise that Barry was also a very good MW DXer. I have seen some of his QSLs - and the mouth waters at the thought. He sent me his totals by mistake - he thought I was doing continents!! You don't get away that easily, Barry.

Ian Cattermole is off with a hiss and a roar as is Günter Jacob - well done. If you haven't contributed before, then please feel free to do so; my address is above. In the meantime thank you as ever to those who have sent in their totals.



NEW ZEALAND RADIO DX LEAGUE 2002/2003 SUBSCRIPTION RENEWAL NOTICE

For most members of the New Zealand Radio DX League, subscription renewals presently fall due on 31 August 2002. If the expiry date on your address label is **31/08/02**, then your

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Payments please in currency as above or equivalent in your local currency. Note: Cheques or money orders must be in NZ currency or the currency of originating country.



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NZ Radio DX League
P.O.Box 3011
AUCKLAND
NEW ZEALAND

I enclose payment of for my annual subscription to the NZ Radio DX League

Name: Mr/Mrs/Miss/Ms:

Address:

Email address:

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PAYMENTS FROM NEW ZEALAND - BASED MEMBERS, RECEIVED BY **31 AUGUST**, WILL GO INTO A RADIO BOOK PRIZE DRAW, SUPPLIED BY **BURNET POLLARD BOOKS**



CUT

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.

The NZRDXL is administered from Auckland by:

NZRDXL AdCom, PO Box 3011, Auckland

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vice.president@radiodx.com - Bryan Clark

Treasurer - Phil van de Paverd

paverdp@extra.co.nz

Annual Membership:

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An Electronic (only) magazine is now available in a PDF Format for US\$10 or AU\$20 International or NZ\$20 for local New Zealand members.



We are able to accept VISA or Mastercard for International members. Contact us for more details.

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