



New Zealand DX Times

JUNE 1997 VOLUME 49 NUMBER 8

Closing date for next issue 25 June 1997

E-mail QSL's received from broadcasters, what do members think about this subject and while on the subject of e-mail and the Internet etc what members about QSL's from broadcasters for a report of their station heard on the Internet. Members who would like to have a say on these two subjects should address their comments to the Radio Talkback pages edited by David Ricquish.

Queens Birthday saw me travelling out to Quartz Hill in the rain and wind and can it blow up there. Quartz Hill has four antenna's in use at present, One longwire of 350 metres and another of 50 metres, also a Vee Beam 285 degrees, this one I found was good for the Aussie mediumwave stations. There is also a Rhombic antenna 346/166 degrees in use at the station.

Have just read an article in a copy of the Radio World about the new lease on life for Long Wave. Following the commercial success of the Republic of Ireland - based Atlantic 252, and the public outcry at the suggestion that BBC Radio 4 could loose its 198 KHz transmitters, British listeners may soon be able to receive a third English language service on long wave. Has anyone here in New Zealand heard a long wave station and QSL'd one?

In that same copy of Radio World I read an Article by James Wood about Examining Shortwave Listenership Decline. In this article James Wood said that "To-day shortwave must compete in industrialised societies with FM, AM, DAB, satellite and cable television, VCRs and CDs". There was no mention of competing with computers and the Internet.

I believe computers and the Internet here in New Zealand could well be one of the main reasons for the lack of younger people joining our hobby.

Now just to answer one or two letters - the first from Bernd Henning of Taradale, Napier. Thanks Bernd, the way you sent your contributions in was correct, look forward to receiving more contributions from you. The second letter is from Bill Woller of Opunake who explains his absence from the world of DXing over the last two or three years. Yes hospitals are not the best place to DX from, but good to hear that the health has improved, also good to see that you are getting out and back into the DXing. Thanks also for the cutting from your local rag as you call it, don't know if I will be able to use it all.

Elsewhere in this magazine is further information regarding the 1998 Convention to be held in Oamaru in February.

My friends in Oamaru tell me that reception of US pirate radio stations has commenced, members should monitor 6955 KHz around dusk on Sundays.

That is about all from the not so sunny Capital.

Regards Arthur ☺☺☺☺

NEWS AND ITEMS OF INTEREST FROM ADCOM

WITH REGRET we record the passing of two long-time League members last month - PETER WHITTLE of Taihape and EROL HOLLING of Auckland. Also we note the death of JOSEPH COSTELLO III on 22 April 1997. Mr Costello was owner of WRNO Worldwide, the first of the new breed US commercial shortwave stations, which began SW operations in February 1982. (via Cumbre DX)

CERTIFICATES OF RECOGNITION Following a suggestion from North Otago to the League's 1996 Annual General Meeting, Adcom have agreed to accept nominations from Branches or individual members for the award of a Certificate of Recognition to a member who has made a significant contribution to the furtherance of the DX/SWL hobby and/or the club. Nominations will be approved by Adcom and award(s) announced at the annual general meeting. No limit has been placed on the number of awards to be made, nor on the number made to an individual member, providing each award is for a different service. Nominations and enquiries should be addressed to our National Secretary EVAN MURRAY at P.O. Box 3011, Auckland.

BON VOYAGE to long-time member (46 years!), Life Member, League Archivist and current Ladders Editor PETER GRENFELL and wife JILL who are presently holidaying in North America. While no doubt tuning in to some familiar radio callsigns in California, Arizona, Ohio and Georgia, Peter's main attraction is the Zane Grey West Society's Convention near Pittsburgh Pennsylvania.

WIND-UP RADIO IN NZ The AM/FM/SW Bay-Gen clockwork 'wind-up' receiver that has received publicity on Radio Netherland's 'Media Network' programme and in the World Radio TV Handbook in recent years, is featured in the latest Dick Smith Electronics circular mailing.

QSL CERTIFICATES & QSL STAMPS Adventist World Radio continues to feature 'QSL stamps' which were a feature of DXing before World War 2. A special QSL certificate contains spaces for a series of 24 QSL stamps and you are entitled to a QSL stamp for each AWR transmitter location that you have verified.

You can apply for your QSL certificate and QSL stamps from the nearest AWR office - AWR-Asia, Box 8990, Agat 96928, Guam (note that this is a new box number address for AWR in Guam). These certificates and stamps will form the basis of an AWR annual DX contest around the turn of the century.



By the way, AWR schedules and related information are now available on the internet at <http://www.awr.org>

OLD HANDBOOKS HELP THIRD WORLD HOBBYISTS Special thanks to ERIC McINTOSH and other members who responded directly to our request in the April DX Times (see page 2) for old editions of WRTH and Passport to Worldband Radio to be forwarded to hobbyists who are unable to acquire these valuable references in their own countries. To give you an idea of how badly these books are needed, here are some comments received by the book project organisers at Cumbre DX: "the only WRTH available here is the 1984 edition at the Jose Marti Library here at Havana". (Cuba); "I simply cannot afford to purchase a copy since its cost is very high for me. Moreover, PWBR isn't available locally". (India). If you are able to help, please see this column's April 1997 edition.

RADIO EQUIPMENT WEB SITES The Internet is increasingly offering valuable information sites for DX hobbyists - try for these: The Xtal Set Society [address <http://www.1stnet.net/~xtalset/index.html>] is dedicated to the in-depth study of crystal sets. Vintage communications receivers are depicted along with restoration information at <http://www.mindapping.com/~johnmb/> For fans of the new AOR AR7030, take a look at the AOR AR7030 Mailing List Info Page on the web. The URL is: <http://huizen.dds.nl/~veldhuis> There is now full information on the new NRD345 receiver from JRC on the Lowe Electronics web site at <http://www.lowe.co.uk/nrd345.html> For a link to the Eddystone User Group, check out the net at <http://www.plasma.co.uk/soft-tools/cuginfo.html>

ANOTHER SPARC CLUB ON THE INTERNET One of our Australian sister clubs in the South Pacific Association of Radio Clubs now has a presence on the Internet. Southern Cross DX Club's Chief Editor STEPHEN NEWLYN has set up the site at <http://tolstoi.saccu.net.au/~stephenn/index.htm>

COME DANCING? According to a CNN Headline News report, a new radio station in Walla Walla, Washington USA recently played the catchy "Macarena" dance hit for 36 hours non-stop as a promotional exercise.

REVIEW

Passport to Web RADIO

Book Review by
Mark Nicholls

Passport to Web RADIO is a new publication of 144 pages published by the Publishers of the respected Shortwave Guide **Passport to World Band Radio**.

It is a book about using the INTERNET to listen to live audio from radio stations around the World. Either their live AM/FM/SW programme or separate Internet programming.

This book is really only of use to those who have a Computer and have or are thinking of getting a connection to the INTERNET.

The book is split up into sections that cover . A general introduction to Web Radio, how it evolved and where it is going. Sports on the Internet. World Time Zones. Getting started which covers the type of computer and software that is required and some suggestions on where to get the software and tips on how to set it up.

Then the main part of the book covers the World broken up into 5 geographical areas. America, Canada, Latin America, Europe and lastly grouped together Africa, Asia and the Pacific.

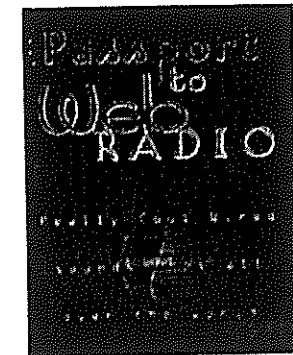
The book is unfortunately let down by the lack of listings for some countries. New Zealand is one country not listed even though there are some New Zealand radio stations on the WEB.

However not withstanding its lack of listings for some countries, I consider the book is still a good starting point for those interested in 'Web Radio' The web sites that are listed in the book would cover all tastes of sport, music or entertainment.

The book is well illustrated with attractive full colour photographs of radio personalities, radio studios and radio station web pages.

You can also check out more details about the book at their web site <http://www.passport.com>.

Thank you to Burnet Pollard Books for supplying a book for review. The book is available from Burnet Pollard Books. P.O. Box 149, Otaki at a special price to League Members of \$34.95. It will be more expensive in bookshops.



SHORTWAVE BANDWATCH under 9MHz with Ken Baird

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

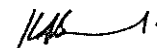
Stations heard by contributors during May were :

KHz	UTC	Country, Station, Programme, & Reception Details	Initial
2310	1742	AUSTRALIA, Alice Springs in EE with Phone-in prgm good // 2325 Tennant Creek and 2485 Katherine also good	CC
2315	0900	USA, WWCR, World of Radio Sunday	ATC
3210	0440	USA?? WWCR ?? in EE with relig prgm, noisy, fair	CC
3245	0419	BRAZIL, R Clube Varginha Tentative with Portugese talk back, clear if weak	PWO
3365	0303	BRAZIL, R Cultura Araraquara in Portugesewith music and id. My 70th Brazilian	SP
3955	0440	UK, BBC WS in EE but too noisy to copy, talk on new govt., poor	CC
3995	0444	GERMANY, DW in German with OM in German with ID	CC
4567.5	0303	Tentative PERU R Gotas de Oro in Spanish with vocals and talk under utility	SP
4765	0507	CONGO, RTV Congolaise with brief announcements and back to back hi-life and afro pops	PWO
4810	1730	RUSSIA, Yerevan relay from Armenia. At 1830 news in EE, good	TTS
4828	1920	ZIMBABWE, ZBC with ID as Radio Four, Zimbabwe, EE country and pop music. Time calls in EE otherwise African. Fair till close at 2159	BML
4835	1900	MALI, ORTM with News in EE, good // 4782.9 poor	BML
4845	0350	BOLIVIA, R Fides La Paz with Spanish music, ID and close at 0505, good	BML
4850	0500	MAURITANIA, R Mauritanie in Arabic with ID at 2106, 2147, good	BML
4885	2022	CAMEROON, CRTV in French with African music, clear ID and numerous mentions of Cameroon. Fair but faded quickly after 0524	BML
4919.9	0630	KENYA, KBC with pop music and EE news at 2100. Close at 2106, fair	BML
4950	1918	ECUADOR R Quito excellent in Spanish	BB
4960	0443	SAO TOME, VOA relay weak & noisy with Dateline Africa, signal deteriorated until tune out at 1932	IDW
5005	1415	SAO TOME, VOA signs on on this freq	ATC
5020.5	1817	VANUATU?? R Vanuatu ?? in Bislama with natvie singing, off at 0450, good	CC
5047	0454	NEPAL, R Nepal with news and mountain weather in EE. R Malaysia on this freq also with Nepal occasionally stronger, fair	BML
5070	0459	NIGER, La Voix du Sahel with various prgms of voice and music, French and ethnic, regular ID close at 2202, Fair with no SIBC on freq	BML
5075	0630	TOGO, R Togo Chimes then opens at 0500 in French with African and pop music. ID of Radio Togo at 0519, fair	BML
5890	1800	USA, WWCR in EE with stn announcements and ID, good	CC
5910	0030	USA, WWCR with RTE Dublin, v good with farming prgm	EM
5910	0100	USA, WWCR World of Radio heard Saturday	ATC
6055	1643	COLOMBIA, R Caracol good in Spanish	BB
6090	1900	MALTA, V of Malta testing to May 14th	ATC
6095	0640	GERMANY, R Vinius relay in EE with news and Mailbag	SP
6095	1659	GERMANY, West Coast R Ireland in EE with music, ID, sked sports scores and Letterbox	SP
6125	2030	BELGIUM, RVI in EE on funding of health care in Belgium, good	CC
6125	2120	BELGIUM, RVI with Brussels Calling in EE, fair	KAB
6125	2120	CANADA, RCI with political news in EE, good	KAB
6125	1204	SINGAPORE, R Singapore Intl wrak in EE under severe noise with weather and music prgm	IDW
6125	1643	SLOVAKIA, R Slovakia Intl in EE with ID and women's session, good	CC
6125	1900	AUSTRALIA, RA in EE with Pacific news, fair // 7330 better	KAB
6125	0640	PERU, R Nacional de Peru in Spanish, good with IDs	BB
6125	1659	POLAND, Polish Radio Warsaw with EE service off at 1755. Fair but weakens after 1730. DX Club 1730-1750 Thursdays	BML
6125	2030	SPAIN, REE in EE with newspaper comments, good. Followed by Radio Club	KAB

SHORTWAVE BANDWATCH under 9MHz with Ken Baird

6155	1323	SINGAPORE, R Singapore Intl in EE with mailbox prgm, rather distorted // 6015 worse	CC
6195	2200	SINGAPORE, BBC WS in EE with news, good	KAB
6217.9	0520	UK, Laser Hot Hits pirate with classic hits, pops, ca nned IDs, suffering from maritime ute QRM	PWO
6290	1800	STH AFRICA, World Music Radio heard on initial test on 8 May when testing various antenna systems	ATC
6955	0204	PIRATE, WREC, Pirate'sLife song, Bush, DJ PJ Sparx	SP
7135	0357	?? RFI in French with ID and talk prgm	CC
7150	1648	CHINA, R Canada Intl in EE with comment on election, good	CC
7170	2115	INDIA, AIR with local news and commentary in EE, fair	CC
7185	1232	UK, VOA in EE with world news and ID, good	KAB
7190	0315	BANGLADESH, R Bangladesh weak with severe interference from Japan on 7190, EE news and commentary, close at 1300 with address info and "Long Live Bangladesh"	IDW
7250	0243	STH AFRICA, Investment Channel with investment opportunities, Sked, address all in EE, good	SP
7260	0355	VIETNAM, V of Vietnam strong in EE with commentary, music until close at 0257	IDW
7290	2120	RUSSIA, V of Vietnam relay in EE with sked and ID	SP
7295	0600	ITALY, RAI in EE with music prgm, fair with QRM	KAB
7300	0408	NORWAY, R Norway in EE (on Sundays) with Nordic news, good // 7180 fair	KAB
7365	1312	TERKEY, V of Turkey in EE with news comment	EM
7380	2105	ALASKA, KLNS in EE with talk on dipole antennas and ID, good	CC
7410	1745	UKRAINE, R Ukraine in EE with news, good	KAB
7448	0340	INDIA, AIR in EE with Transmission announcements and ID good // 9950 weaker	CC
7535	0030	GREECE, FTH Athens in EE with news commmentary	EM
	0344	GREECE, FTH in EE with news good // 6260 poorer, 9420, 9935 as good	CC
		USA, Monitor Radio in EE with usual news/ relig prgm, fair	KAB

My thanks to all the contributors this month.



CONTRIBUTORS FOR THIS MONTH

Initials	Contributor	Receiver/Antenna
ATC	Arthur Cushen, Invercargill	Sony ICF2001, D2999, McKay Dymek and Racal RA17
BB	Bob Boundy, Christchurch	NRD 525, 15m longwire
BML	Bill McLeod, Christchurch	R 5000, 60m wire
CC	Cliff Couch, Lower Hutt	ATS 803A, 40m longwire, multiband dipole, Sony AN1 active antenna
EM	Evan Murray, Birkdale	R5000, T2FD
IDW	Ian Wells, Dunedin	DR 49, 20m longwire
KAB	Ken Baird, Christchurch	R5000, R2000: 15m longwire, 20m Windom, Eavesdropper antennas
PWO	Paul Ormandy, Waihanakurua	SPR4, Miles of long wires
SP	Sheryl Paszkiewicz, Manitowoc WI, USA	R8, Eavesdropper antenna
TTS	Tristram Speedy, Manurewa	

Contributions to this column may be sent to
PO Box 2956, Wellington

or
K A Baird,
10 SARABANDE Avenue,
Christchurch, 5.
Ph: (03) 352 6455
FAX: (03) 354 1347

SHORTWAVE BANDWATCH over 9MHz with Andy McQueen

Greetings from Brightwater where we are enjoying beautiful sunny days after a light frost overnight. Not many contributions this month and I hope it picks up soon.

KHZ	UTC	COUNTRY	STATION	PGRM & RECEPTION DETAILS	INITIALS
9025	0417	SUDAN	R Ondurman ?	Tentative Fair in Arabic with Music & spoken items	#HJS
9310	1853	GEORGIA	Voice of Hope	Fair in EE with religious pgm Full Id & address details (Q) 1915 1910 Good in EE with quick QSL from UK address	#HDW #HJS
9445	0422	TURKEY	VOT	Fair in Turkish // 9460 to OZ/NZ. V:good	HJS
9485	0420	BULGARIA	R Bulgaria	Good with News Items in EE	HJS
9475	0325	EGYPT?	R Cairo ?	Poor in EE with YL Talking but too hard to copy Anthem and then off at 0430 Distorted signal 9.5	CC
9495	1859	FRANCE	RFI	Fair in FF with 'La Marseillaise' then time pips & YL Talks	CC
9510	0431	ROMANIA	RRI	Strong in EE with music and Id // 9570 & 11940 weaker	CC
9525	0500	SOUTH AFRICA	The Investment Channel	which closed down on May 12th giving a Johannesburg address for reports	ATC
9535	0526	SWITZERLAND	SRI	Good in EE with discussion on the return of missing Jewish assets. Music & Id // 6165 power 21.5	CC
9550	2130	UKRAINE	R Ukraine Int.	Fair in EE but marred with splash from D/Welle on 9645	AMQ
9560	0420	CHINA??	CRI V/Good	in EE with Current affairs pgm with some splash from unknown station in Spanish on 9555 khz	AMQ
9570	0342	PORTUGAL	RDP International	Strong in EE with portuguese news items read by YL. Some QRM 9/5	CC
9570	0417	ROMANIA	RRI	Fair in EE with lively piano music // 9510 & 11940 poor 4/5 0428 Weak in EE with report on poor conditions in Romanian Orphanages then Letterbox pgm	CC AMQ
9615	2125	GERMANY ?	D/Welle	Fair in EE with new pgm Newslink	AMQ
9675	0515	SOUTH AFRICA	Channel Africa	Strong in EE with African News Items and Id Some background QRM 21/5 0501 Good in EE with African news & Current Affairs to 0530#AMQ then into Portuguese. Slight QRM from Papua New Guinea	CC AMQ
9710	2030	ITALY	RAI	Poor in EE with News & Music Much better on // 7120 khz or 11840 khz	AMQ
9730	2300	GERMANY	D/Welle	Good in GG with Id and then "Funkjournal"	AMQ
9737.2	2203	PARAGUAY	R Nacional del Paraguay	Poor in Spanish with clear Id at the end of the News at 2210	BML
9755	0655	MONACO	TWR Monte Carlo	Opening in EE with Gospel pgm	ATC
9760	1938	GREECE	VOA Relay	in EE with Willis Connoyers Archives and Glenn Millers AAF band Music Simply the Best (I thought that was Tina Turner's tune ? - ED)	EMM
9765	1830	RUSSIA	Voice of Russia	in EE over Malta	ATC

SHORTWAVE BANDWATCH over 9MHz with Andy McQueen

KHZ	UTC	COUNTRY	STATION	PGRM & RECEPTION DETAILS	INITIALS
9765	1900	RUSSIA	Voice of the Mediterranean	relay for broadcast in English from Malta with DX corner on Sundays at 1951 Pgm ends at 1957. Also on // 12060 Both improve to Fair reception	BML
9785	1000	CHINA	CRI	New frequency for EE to Sth Pacific Good Signal	#AMQ
9820	0010	RUSSIA	VORWS V:	Good in EE with Joe Adamov's Moscow Mailbag	AMQ
9830	2040	GERMANY	AWR Julich	Good in EE to Africa with slight QRM	#HJS
9875	0100	GERMANY	West Coast Radio Ireland	via Julich Poor in EE to West USA on Thursdays UTC	HJS
9885	1257	THAILAND ?	R Thailand ?	Strong in EE with Asian News roundup No Id Just Time pips and into another language at 1300 27/4 (This is a SRI frequency. Could it be them (Yiff? - ED)	CC
9915	2050	GT BRITAIN	BBC	Fair in AA with music & comments Id 'Huana London	AMQ
9935	0345	GREECE	Voice of Greece YL	with News in EE but having problems with the English	HJS
9965	0300	ARMENIA	La Voz del Armenia	Fair only in SS with this Id - S/off 0315	HJS
11580	2330	USA	Radio Free Asia	in Vietnamese also // 13710	ATC
11690	2330	BELGIUM	RVI	Good in EE with Brussels Calling with slight splash from R Australia on 11695 Is this a new frequency ?	#AMQ
11710	0215	ARGENTINA	RAE V/Good	in EE with DX pgm	#HJS
11760	0025	PHILIPPINES	VOA Relay	weak in EE under R Habana Cuba Fair in SS	AMQ
11815	2200	ITALY	RAI	Recently with much improved signal in EE to Japan	HJS
11835	0400	GERMANY	RCI Relay	with English See for Africa	ATC
11835	2110	UNKNOWN	LOCATION BBCWS	Fair in EE with Financial News	AMQ
11840	2130	RUSSIA	VORWS	Good in EE with News in brief then promo for Audio Book Club Some background hum	AMQ
11855	0245	USA	WYFR V/Good	in SS with Full Id & Mailing address	HJS
11900	0557	SOUTH AFRICA	Channel Africa	Good in English with News from Johannesburg and Dateline Africa to 0630	BML
11905	0240	USA	RCI Greenville NC	relay Fair in EE with special one off pgm for Canadian General election 3/6	AMQ
11975	0400	AUSTRIA	RCI Relay	with English Service to North Africa	ATC
11950	0318	USA	WINB	Back to back music like wading in Syrup !! Id at 0358 with freq inactive according to WRTH	#HJS
12005.6	0515	TUNISIA	Radio Tunis International	Good in Arabic with Id's at 0553 & 0557 Radio Tunisia Closed at 0657 also // 7474.7	BML
12040	0300	UKRAINE	R Ukraine	Very good in EE	#HJS
13625	1856	HAWAII	KWHR	Poor in EE with gospel Music 9/5	CC
13630	2145	JAPAN	NHK/R Japan	Good in EE with Lets learn Japanese	AMQ
13730	2130	AUSTRIA	ORF /R Austria Int.	Good in EE with Report from from Austria	AMQ
13740	0228	USA	RCI Delano	relay Good in one off special relay for Canadian General Election results 3/6	#AMQ

SHORTWAVE BANDWATCH over 9MHz with Andy McQueen

KHZ	UTC	COUNTRY	STATION	PGRM & RECEPTION DETAILS	INITIALS
13740	1248	SWEDEN	R Sweden	Strong in EE with Sweden's entry in song contest CC 27/4 // 15240 as good	
13770	2140	USA	WSHB	Cyprus Creek SC Weak in EE with Monitor Radio	#AMQ
13800	0905	NORWAY	RNI	In English with Norway Today on Sundays only	EMM
15110	2030	SPAIN ??	REE	V/Good in SS with Id heard	AMQ
15265	2000	BRAZIL	R Bras Brasilia	Fair in GG with Brazillian Music pgm Programme must have been pre recorded because music sounded like it was played on a slow speed tape	AMQ
15330	2340	USA	R MARTI	Fair in SS with Talk . Id @ 2358 then off	AMQ
15390	2115	UNKNOWN	LOCATION	BBCWS Fair in EE with Carribean report	AMQ
15325	2000	CANADA	RCI Sackville	carrying English Service for Europe 2030 Fair in EE with Id then Mailbag pgm hosted by Mark Montgomery plus details of Special Election '97 broadcasts Report sent by E mail and confirmed that my QSL is in post in less than 12 hours after the report was sent.	ATC #AMQ
15425	0222	SRI LANKA	SLBC	Fair strength in EE with reports & music with Id at 0130	#IDW
15460	0130	SINGAPORE	RCI Relay	Using BBC Singapore facilities for special one off pgm for Election '97 also on // 11685 which was poor and completely smothered by unknown station in Arabic 3 6	#AMQ
15625	1900	GERMANY	West Coast Radio Ireland	Fair/Good in Africa Service (Good Luck !! I am still awaiting a QSL for a report that I sent 5 months ago - ED)	#ILIS
17715	0904	GERMANY	D/Welle	In EE with report on recall of Ambassadors in Iran	EMM
17780	1700	PHILIPPINES	VOA	relay Poor in EE with Communications World	TTS

First of all my apologies to Waylon Kenning for not including him in the list of last months contributors. Sorry about that !!
 A special thanks to my loyal contributors . The # mark indicates a reception report has been sent to the station.
 Please Note for next month's contributions please send them all direct to P O Box 2956 Wellington and not to me !!!!!!!!!!!!!!!!!!!!!!!
 I will be back after a month 's break to recharge my batteries on the beach at Surfers Paradise, until then 73's

ANDY MCQUEEN

SHORTWAVE BANDWATCH over 9MHz with Andy McQueen

SHORTWAVE EXCHANGE

AMQ	Andy McQueen	Brightwater	Panasonic DR 31, Sony 6800 & 7600G Ph 03 5423637 E Mail ATMCQU@PUBTDLI.PLANET.NELSON
ATC	Arthur Cushen	Invercargill	Sony ICF 2001 Philips D2999 & Racal RA 17 Ph 03 2160283
BML	Bill McLeod	Christchurch	Kenwood R 5000 & 60 m wire
CC	Cliff Couch	Lower Hutt	SANGEAN ATS803A with 40 m longwire & multiband dipole plus Sony AN1 active antenna
EMM	Evan Murray	Birkdale Auckland	Kenwood R 5000 & T2FD aerial plus 50 & 60 ft longwires.
HJS	Jack Searle	Haumoana Hawkes Bay	Icom R71
IDW	Ian Wells	Green Island Dunedin	Panasonic DR 49 20m longwire
TTS	Tristram Speedy	Manurewa Auckland	

SPECIAL REMINDER THE CONTINENTS LISTINGS WILL BE UPDATED IN THE AUGUST ISSUE OF THE TIMES THE CLOSE OFF DATE IS 30 JULY

The featured continent is Australia & New Zealand and the challenge this time for Senior Dxers is for verifications from Queensland since 1 January 1990



SHORTWAVE REPORT with John Mainland

Radio Prague Special

Radio Prague have an A5 centre-stitched, 28 page, 60th anniversary booklet printed in three colours on glossy art paper with a board cover. Beautifully typeset and well laid-out it describes the history of the station and its various language services throughout the period of review. The past 60 years have been anything but easy for this Central European broadcaster-silenced for six years during World War II, followed by another 40 years-with a notable exception in the late sixties- by permanent conflict between the ruling ideology and courageous yet powerless journalists. The forerunner of the tube manufacturer TESLA- "Elektra" transmitted experimental shortwave signals on a 10-50 watt unit from their factory around 1923 and a British listener wrote to an early 1960's Prague DX programme saying he remembered hearing them. Several attempts were made from 1924 onwards by the Prague-based Radiojournal Broadcasting Company to air international music programmes presented in English and Esperanto on mediumwave which gave long-distance reception during the hours of darkness in those days. In 1926 Radiojournal launched the most powerful transmitter in Europe. This new 5 kW transmitter who's output equalled the combined power of all radio transmitters then operating in Asia began by testing with classical music across the Atlantic. The response indicated that the signal on a wavelength of 368 metres reached America loud and clear. The construction of a shortwave transmitter at Podebrady was sanctioned in 1934 and the work was expedited as the political situation in Europe worsened. The first test by the 30 kW unit was during the night of 24th July 1936. The second test on 13th August 1936 lasted for 24 hours with foreign-language announcements interspersing gramophone records. Radio Prague, call sign OLR, commenced regular shortwave broadcasting at 0900 GMT on 31st August 1936. During the first year Radio Prague was on the air for 769 hours, more



than six hours every day and the station received 4443 letters from across the world. New languages were added and broadcasting hours extended until by 1939 Radio Prague was on the air for 19 hours a day. During the Nazi occupation Radio Prague remained silent although the transmitter was used for three hours a day to broadcast propaganda to ex-patriots living in North America. The legendary "Calling All Czechs" message went out on 5th May, 1945. Prague was back on the air. Thereafter services in many languages were introduced, but by 1946 forced by economic consideration the half-hour format of the newly added languages was reduced to 15 minutes. After the Communist coup in 1948 Czechoslovak Radio was nationalized to become a propaganda mouthpiece for Moscow. Even so, expansion continued apace with the [Bratislava] Velke Kostolany 100 kW facility being inaugurated in May of the following year. Litomysl [east of Prague] continued next page

SHORTWAVE REPORT with John Mainland

was inaugurated in 1955 with two 100 kW units and a 300 kW mediumwave transmitter, composed of two 150 kW units. Then in May 1956, two Tesla 100 kW shortwave transmitters were installed at Rimavska Sobota [in Southern Slovakia, near Hungarian border]. During 1968-1969 the two Litomysl transmitters were replaced by five Tesla 100 kW units. This was followed by the replacement of the Velke Kostolany units with 100 kW Tesla units. Then, with 1968 wind of change of the "Prague Spring" things seemed to be better until at 0130 GMT on 21st August 1968, Radio Prague broke the news to the world that Warsaw Pact troops were invading the country. At noon the National Anthem was played during a bulletin of news during which sub-machine gun fire could be heard. About 20 people were killed during the battle for the radio station. Clandestine broadcasting followed for a short time. For the next 20 years Radio Prague was under strict Communist control. From 1972 the famous Interprogram unit began being news, comment with plenty of music in five languages- Czech, Slovak, EE, GG and FF. This was achieved when two synphased aerials at Litomysl were rigged to enable the grouping of the 100 kW units to achieve 400-500 kW power for the daytime bcs of the multilingual pgm on 6055 kHz. Between 1979-1982 two 250kW Soviet built transmitters were installed at Rimavska Sobota, followed later by two more. With the collapse of the Iron Curtain in November 1989, Radio Prague returned to its pre-war signature tune, the fanfare from the New World Symphony by Dvorak played on a French horn. All foreign language bcs were suspended on 1st April, 1990 while the authorities took stock. Four 250 kW, seven 100 kW shortwave transmitters and two mediumwave senders had been in use by the communist authorities. As Radio Prague International the stn returned to the air on 7th May 1990 with one 100 kW at Velke Kostolany, 2 x 250 kW at Rimavska Sobota and 2 x 100 kW at Litomysl, plus the Interprogram transmitters in operation. From August that year, Litomysl commenced to carry Czech and Slovak services of Radio Free Europe & from the end of the year one of Litomysl's 100 kW transmitters was used for the Czech Domestic service relay on 5930 kHz. Radio Prague became the being service of the Czech Republic when the country split into two nations. During 1994 rising costs compelled Radio Prague to abandon three 100 kW outlets at Litomysl and the one 100 kW unit at Velke Kostolany. This followed a 1995 decision to abandon shared use of the 250 kW units at Rimavska Sobota, now in Slovakia, leaving just two 100 kW senders at Litomysl under Czech control in operation. It is these senders that carry today's pgms in Czech, GG, SS, FF and EE (12 half-hour slots a day). Despite all Prague's financial troubles funds were found to produce a fine historical document which was used to compile this featurette
Radio Prague, via WDXC Contact, Feb 1997/Hans Johnson (USA) NASWA 3/1997.

COTE D'IVOIRE (IVORY COAST) refer May SWR. It was reported that ELWA had applied for and was virtually assured of a license to broadcast on shortwave from Abidjan. It was subsequently confirmed, however, that a local radio will operate only on FM ODKA April 1997.

ETHIOPIA Voice of the Tigre Revolution is on new 6315 // 5500 kHz. The sked is: Mon-Fri 0400-0500, 0900-0930, 1500-1600; Sat/Sun 0400-0800, 1500-1600 UTC. The postal address is: P.O. Box 450, Nekelle, Tigre, Ethiopia. The language used for all transmissions is Tigrigna

Cumbre DX (KWHR) 5/4/1997.

USA Investment Channel new sked effective 13th April via Meyerton, South Africa: 0200-0355 6160; 0300-0425 7190; 0330-0555 9525; 0430-0555 11820, 15225; 0600-1155 15165; 0600-1455 21745; 0600-1725 17665; 1200-1755 15170; 1630-1725 11870; 1800-2155 9475; 1830-1955 11870; 1900-2155 UTC 7225 WOR (WWCR) 19/4.

GEORGIA A Californian based evangelical organization, High Adventure Ministries, has started a shortwave service beamed to Europe from a hired transmitter near Tbilisi. The sce which identifies as the "Voice of Hope for all Europe" was noted 8th April with pgming in EE 1800-2000 UTC on 9310 kHz

HCJB DXPL 12/4/'97.

SHORTWAVE REPORT with John Mainland

AUSTRALIA The Board of the Australian Broadcasting Corporation has confirmed a massive budget cut for Radio Australia and the loss of three language services. In a statement issued after a meeting in Melbourne, the ABC Chairman said, RA would be given enough funds to continue shortwave broadcasting to Asia as well as to the Pacific but RA's budget and staff would be cut by more than half and services in Cantonese, Thai and French would be dropped. The ABC Chairman noted, that the government had previously indicated it was prepared to fund English and Tok Pisin language services to the South Pacific and Papua New Guinea. He said the Board's decision to provide slightly more funds, meant that RA would be able to maintain some broadcasts in Bahasa Indonesian, Mandarin, Khmer and Vietnamese. The ABC Chairman claimed, the Board's decision would ensure that the ABC maintained a significant broadcasting presence in the Asia/Pacific region
Radio Australia news 30/4/1997.

An Australian Senate report has called on the Federal government to maintain current funding for the international radio and TV services (Radio Australia and Australia Television). The majority report said, R. Australia and ATV are viable and cost effective and with out them there would be no effective Australian voice in the region but separate recommendations from government senators supported the sale of ATV. The government senators recommended that Radio Australia's shortwave service to the South Pacific & Papua New Guinea should be maintained. The majority report said, the ABC should continue to operate international broadcasting, with separately identified funding. The government senators also recommended that RA should have funding separate from the ABC based on British or Canadian models
Radio Australia news 5/5/1997.

Australia's national budget has confirmed major cuts in funding for Radio Australia. The budget provides a total of \$7.2 million for the international service. A total of \$11.2 million from reduced programming on RA will go to the ABC to maintain domestic services. The Communications Minister Richard Alston says, the Foreign Affairs money would pay for Tok Pisin pgming to Papua New Guinea and shortwave transmission costs. The Communications Department will pay for English language pgming & satellite costs. Senator Alston says, the ABC had advised that it would build on this funding to provide foreign language pgms in Bahasa Indonesian, Mandarin, Khmer and Vietnamese. He said, editorial control over RA content would be retained by the ABC. Senator Alston said, Radio Australia would no longer require its shortwave transmitters near Darwin in the Northern Territory. He said, other uses for the Darwin transmitters would be explored while RA would continue shortwave broadcasts from transmitters in Victoria and Queensland
Radio Australia news 13/5/1997.

AUSTRALIA Three world broadcasters have indicated they are keen to lease shortwave transmission capacity into Asia if Radio Australia is forced to cut its broadcast. Radio Australia's Transmission Manager, Nigel Holmes says, the Voice of America, the BBC World Service and Deutsche Welle have written to RA expressing interest in any spare shortwave transmission capacity. Mr Holmes says, this is despite claims by the Minister for Communications, Senator Richard Alston, that shortwave is becoming much less significant. Mr Holmes says, that at a time when Australia is considering closing its international radio service, other countries are spending hun-

dreds of millions of dollars to boost their coverage in signal strength in the Asia/Pacific region HCJB 22/3.

RADIO UKRAINE INTERNATIONAL with a bc to Australia in English, is noted 2100-2200 UTC on 7380 kHz KTWR 10/5. An additional fq for this English bc is noted in Wellington on 12040 kHz. **CHINA (PEOPLE'S REP)** Voice of Pujiang is noted on 9705 kHz, a new frequency, in Mandarin opening at 0955 KTWR DX. This new frequency was observed in Wellington in late April with fair signal strength.

USA KJES in New Mexico is broadcasting 0100-0230 UTC on 7555 kHz

WOR (WWCR) 19/4/'97.

GERMANY There has been some activity at Deutsche Welle, one of the most modern shortwave stations began operating in Berlin on 25th April. The transmitting power of DW was more than doubled with investments amounting to some DM70 million, the station was expanded by four new 500 kW shortwave senders. Telecom's plan enabled DW to bc radio pgms via shortwave to crisis regions like South Eastern Europe clearly with a better quality. At the same time Nauen [the transmitter site close to Berlin] offers the preconditions of entering the field of digital shortwave technology. DW will air some 36 hours of radio pgms on a daily basis via Nauen, 24 hrs in GG, 5 hrs in EE, 90 minutes each in AA/Bulgarian, 1 hr in FF for Africa, SS for Central & South America, Romanian and 30 minutes each in PP, Indonesian and Hungarian. With the help of this ultra-modern antenna array, the maximum field strength will be concentrated exactly on the target areas, this is particularly important for DW's pgms for crisis regions. In crisis regions developing countries and states without freedom of information, shortwave offers the only opportunity to receive uncensored information HCJB DXPL 3/5.

ECUADOR The Civil Aviation authorities in Ecuador have informed HCJB that a new airport is to be built near the Pifo transmitter site. The antennas used at Pifo by HCJB will be an obstruction to the aircraft flight path. Planning is now taking place for the removal of some of the antennas. The immediate move will be the equipment covering the Andean region. HCJB are already in discussion with entities in Europe with a view to relaying their European (Russian), central Asian releases. Relay sites in South America may be investigated. If the Pifo site is moved entirely, HCJB would like to have it relocated near the Hydro electric plant. Overseas sites have not been ruled out & the World Wide Web (Internet) is another possibility. The transition time for all this is around four years

HCJB DXPL 18/5/1997.

TURKMENISTAN This is a correction to last month's item: The Voice of Turkmen is being in EE every Mon and Fri not Mon through Fri as first stated, on 501.5 at 1900-2000 Brussels 27/4.

USA A new shortwave stn is now on the files of the FCC, it will be located at Macon, Georgia, it has been approved and will consist of a 50 kW transmitter with a Yagi antenna. The frequency will be 11910 carrying religious pgms. They anticipate being on the air in Jan/Feb 1998 WOR 5/4.

SOUTH AFRICA/USA A news release from Sen Tech the South African Transmission Company says the Investment Channel has ceased to broadcast, this from 12th May HCJB DXPL 18/5/'97.

QATAR Doha was noted in Wellington 20th May on 11785, the radio carried a news bulletin in Arabic at 0530 after time pips.

DENMARK Radio Denmark fq changes effective 1st May: 0030-0100 9965; 0830-0900 15625; 2130-2200 7540; 2230-2300 9965; 2330-0000 9980, 9530 HCJB 3/5.

TURKEY Ankara, Voice of Turkey EE latest sked: 1230-1325 15290, 13750; 1830-1930 13695, 9445 ssb; 2200-2300 7280, 9655, 6135 ssb, 9560; 0300-0400 7300, 7270, 15190 Brussels DX 6/4.

CANADA A Tamil organization in Toronto, Ontario called Canadian Asian Broadcasting Corporation (CABC) plans to start up 1st June on the Astra satellite in Asian languages to Europe and they are considering using shortwave relays to North America/Europe. They may use WRMI or the French Guiana relay site. **ENGLAND** A completely different Tamil organization in London called the International Broadcasting Corporation (IBC) tested mid-May on 12070 via a sender in Dushanbe, Tajikistan at 1330-1430 UTC directed to south India and Sri Lanka. Regular bcs may begin at the end of the month WOR. **NIGERIA** Voice of Nigeria has begun regular bcs after several months of tests. Tony Jones in Paraguay heard VON with EE 1900-2200 on 7255. The daytime fq is 15120 kHz VOA 17/5.

GUAM KTWR has moved onto 11845 kHz. Instead of 9430 between 1330-1415 in Indian vernaculars, an additional new frequency is 11995 in Chinese at 2230 instead of 11580 kHz

KTWR DX 10/5/'97.

Arthur Cushen's SHORTWAVE REVIEW

JUNE 1997 - No. 693

The reduction of Radio Australia's services, the ending of the Investment channel and WSCN/KHBI; while newcomers include World Music Radio, Voice of Malta and HCJB is to relocate its Pifo transmitting site, and part of the BBC programme delivery service has been privatised. All times are UTC (GMT), all frequencies are in kilohertz.

AUSTRALIA: Radio Australia's transmission budget has been cut from \$7m to \$2.5 million and the Minister of Communications has announced that Darwin is no longer required by Radio Australia.

DENMARK: Radio Denmark has made the following frequency changes: 0830-0930 15625 replacing 15170; 2130 on 7540 and 9965; 2330UTC on 9530 and 9980kHz.

ECUADOR: HCJB, Quito has been advised by the Ecuadorian Government that they plan to build a new airport at Pifa and the transmitting facilities will have to be moved. The site houses 11 shortwave transmitters that have a combined power of more than one million watts. It also features 32 antenna systems supported by 48 towers ranging in height from 30 to 417 feet on this 110 acre site which is 18 miles east of Quito.

KOREA: Radio Korea's latest English schedule shows: 0200-0300 on 7275, 11725, 11810 and 15575; 0800-0900 9570, 13670; 1030-1100 on 11715; 1900-2000 on 5975, 7275; 2100-2130 on 3970; 2100-2200 on 6480 and 15575kHz. This is only part of the schedule.

MALTA: Voice of Malta, P O Box 143, Valetta has been testing 1800-1900 on 5890 and 9765kHz. The station requested reception reports on this test.

NEW ZEALAND: With the destruction of Broadcasting House the Government has granted \$3 million to relocate the studios to Standard House, The Terrace. Radio New Zealand says this is below the actual cost which they put at \$4.5 million. It is expected that the transfer from the old Broadcasting House to the new studios will take place at the end of June.

SAIPAN: KHBI has moved from 9845 to 9355kHz and is heard at 0800-0900 and 2000-2100UTC. The station is expected to close at the end of June.

SOUTH AFRICA: The Investment Channel, P O Box 78012, Stanton 2146, Johannesburg, South Africa, heard from 0500 on 9525kHz had its last broadcast on May 12th.

UNITED KINGDOM: Part of the BBC World Service has been privatised and this is the programme delivery service which includes Asia and the Pacific. This is now operated by Merlin Communications International Ltd. There have been some staff changes and a new fax and room number at Bush House. The monitoring and other activities continue the same under the new private company.

USA: Radio Free Asia broadcasting in Vietnamese 2330-0030 heard only on 11580 and 13710. There is light jamming on the frequencies and 11580 is the better signal. All other frequencies are not audible except 9975 which was not in Vietnamese but carrying an English gospel programme.

World of Radio, most suitable times in the South Pacific are Sunday 0900 on 3215 and Saturday at 1130 on 5070kHz.

WORLD MUSIC RADIO: South Africa, using the Meyerton 250kW transmitters commenced regular broadcasts on Saturday and Sunday from May 31st; 1800-2200 on 3345 and 6290kHz. Tests were carried out using a different aerial system each half hour and the best reception on 6290 was the period 2000-2100. The address of the station is: P O Box 112, DR-8900, Randers, Denmark.

SHORTWAVE QSL's WITH JOHN DURHAM

CHINA China Radio International.15880kHz.QSL card rcvd in 26 days for rpt of prg of EE songs.QSL shows colour drawing of CNR building with logo in top right corner.F/d on reverse also lists all main SW freqs of CNR. **PR**

ECUADOR HCJB 12015kHz.Full data card depicting a stone statue of a Humming Bird for my report on the new frequency to Europe. **JS**

GERMANY West Coast Radio.Ireland. 11665kHz via Julich.Two large colourful cards depicting Irish scenes received after 6 months for my two rpts on their transmissions to Africa.Not signed but bearing the names of Micheal Collins and Gerald Delaney. **JS**

WEST COAST RADIO IRELAND

The Irish short wave radio service

Claremorris, Co. Mayo, Ireland.

GEORGIA High Adventure Ministries.Voice of Hope.9310kHz 100kw.via Tbilisi relay.Large full data card received in 15 days for a report to their U.K.address.Card was not signed. **JS**

HONDURAS HRMI 5890kHz f/d card in 82 days for US\$1.V/S Wayne Downs Rpt sent to Honduras bur reply came from California. **PR**

JAPAN Radio Japan.Yamata 6035 & 17685kHz.Prompt replies with colourful full data cards for these two frequencies.Data includes the transmitter sites.V/S H.Imagaki. **JS**

MYANMAR Radio Myanmar Yangon 4725kHz.Map globe card in 105 days.V/S Ko Ko Htway.(Tnx to D'Angelo for V/S) **PR**

NEW ZEALAND Kivi Radio 7475kHz usb.350watts. QSL back in 5 days for rpt with return postage.White card with black print with f/d on right side with station logo on left.Signed by Graham J Barclay (NZRDXL member) + 2 stn stickers, personal letter and order form for tapes & T-shirts. **PR**

NEW ZEALAND Radio Sue 7475kHz usb.via Kivi Radio 350watts.QSL received in 5 days for rpt on first ever transmission of station. Operated by Suzanne Joy Anderson who called me then sent a personal letter and QSL.F/d card with blue panel to left ascending from dark to light blue on which is Radio Sue above clouds and below these:Home of the long white cloud.New Zealand."PO Box 3103.Onekawa.Napier. **PR**

SWAZILAND Trans World Radio.Manzini.3200kHz.Nice card plus photos off studios.Back in 7 months for 1 IRC. **LR**

SWEDEN Radio Sweden.9430kHz.A rather unimpressive full data card back in 48 days for a report on this new frequency.V/S not decipherable. **JS**

URUGUAY Emisora Ciudad de Montevideo.9650kHz.Full data QSL on reverse side of postcard scene showing Montevideos hill and harbour, plus station decal.Card signed by Director General Aramazd Yizmeyian. Back in 3 weeks for \$8 report with US \$1.Possibly first Australasian QSL for this station? **RC**

U S A WVHA. 9930kHz. Mt Dora Florida addr.Nice postcard photo off studios and antennas in background.Back in 3 months. **LR**

U S A Radio KAOS (Pirate) 6955u Beautiful QSL certificate in 24 days V/S Joe Momma. **PR**

CONTRIBUTORS **JS** Jack Searle.Haumoana. **LR** Lindsay Robinson.Invercargill
PR Paul R Peacocke.Blenheim. **RC** Bryan Clark Auckland.
PR Sheryl Paszkiewicz.Manitowoc.WI USA.

CONTRIBUTIONS to SW QSL. C/- PO Box 2956. Wellington. or direct to John Durham. 10 Ward Street. Tauranga.

I was most interested to read in the ADCOM page in last month's TIMES the question of what is and what may in future be considered acceptable as a QSL that can be counted in ones totals. Members who contribute to these pages should think long and hard about this and should make their feelings known to Adcom.

My personal feeling are that members who have spent long years of concentrated listening and much effort and no small amount of hard earned cash to amass their current QSL collection will not want to see the value of their QSLs watered down by the acceptance of "reception" on the Internet or the Telephone.

I expect that the Computer fraternity will have other ideas. If you put any value on your QSL collection make your feelings known to ADCOM without delay, next month may be too late.

The following list of QSLs is as far as I know all the result of genuine DXing....

At the time of sitting down to type up the notes I have but two contributions from the North Island and one is my own !! After last month's good turn out it is a case of "After the Lord Mayors show"

ARTHUR DEMAINE, Wellington.. Our Chief Editor supports the pages with two QSLs, For Carribean Beacon 6090 who told him that it was one of the first reports received and A.W.R. Rimavske Sobota 13715 Khz. (Carribean Beacon is a new country)

(Thanks Arthur, I'm Not hearing 6090 with a reportable clarity. Ed.)

JACK SEARLE, Haumoana... Not a lot here and just one new country. QSLs in from Voice of Hope, Georgia 9310 for Country 204.. Radio Sweden 9430.. Voice of Russia via Dushanbe 7490 and at last West Coast Radio, Ireland 11665 khz with two large colourful cards for my two reports at the time of their start up.

DESMOND ARNOLD-KELLY, Stoke, Nelson... Verifications have arrived from Radio Sweden 9430.. Radio Australia via Shepperton 17795.. KHBI 13840 and Voice of America via Philippines 11760 khz.

(Yor regular contributions are appreciated, thanks and good wishes. Ed.)

PAUL PEACOCK, Blenheim.. Paul has QSLs in from Radio Nederland via Bonaire 9830, and also from Irkutsk 13700 ..Radio Mediterranee Int. 9575.. I don't know quite what to make of the next one... he claims a QSL from Jolly Roger Radio, Int, Ireland heard via KIWI Radio 7475 khz USB.

(Paul, this latter one was apparently a recording played over KIWI Radio and is therefore a N.Z. QSL. I hope you agree with that.. Ed.)

IAN CATTERMOLE, Blenheim.. Staying in Blenheim we come to the month's longest list of QSLs and he tells that he has 45 reports out in the last two months so as they say watch this space... The latest list is China Radio Int., 6950, 9920.. Voice of Turkey 7300, 17705.. RAI Int. 9685, 11840.. Radio Globo, Brasil 11805.. Radio Japan/Yamata 17685.. WYFR 5950.. WSHB 6095.. Radio Pakistan 15470.. Radio Japan via Sackville 5960.. Deutsche Welle via Irkutsk 7380.. Radio Kuwait 15495, 15505.. Radio Canada Int. 9805.. KJES 15385.. WINE 11740.. 11950.. Voice of America/Kavala 9595.. KVCH 5085.. Voice of Russia via Moscow 6130.. via Kharbarovsk 9875.. via Krasnodar 17860.. Swiss Radio Int. 5840, 11860.. Voice of Hope, Georgia 9310.. HCJB 5865, 9645.. and lastly from Radio New Zealand Int. 6100 khz.

(Thanks, Ian, I'd have to think you are the most active member we have at present. I trust you'll enjoy Fiji in September. a great spot. Ed.)
Have a FIJI BITTER for me !!

ANDY McQUEEN, Brightwater.. The Bandwatch Editor has heard from KJES 15385.. Radio Jordan 11690 and Radio Norway Int. 13800 khz.

(Congrats on Jordan as a new country, I'd agree that Sudan is difficult to get an answer from but Pakistan and Chile should be a breeze ! Ed.)

PAUL OMANDY, Oamaru.. Two back for Paul, one flea powered and the other a new country, so who's complaining ?
Blue Star 6302 Zwolle, Holland 50 watts.. and Caribbean Beacon 6090 khz.

IAN WELLS, Dunedin.. Since his last contribution Ian has heard from WHA 9930.. FEBC 11635.. Radio Nederland via Madagascar 9605.. Voice of Russia via Moscow 4920 and 6135 khz.

(Thanks, Ian for note re 4920 in May Times, my experience indicates that the transmitter site isn't necessarily the same as was in use when you reported the frequency, they seem to be all over the place.... Ed.)

ARTHUR CUSHEN, Invercargill.. Arthur has them back from Voice of Hope Georgia 9310.. KHBI 13800.. FEBA 11695.. VIORI Iran 7260.. Radio Korea Int. 13670.. West Coast Radio Ireland 11665.. and Carribean Beacon 6090 khz.

WCRI (Ireland) sent a letter in braille and two books on Ireland.

(Thanks, Arthur, A nice gesture from Ireland to send you something you could read personally. By the way I have received from you a duplicate of your notes headed "OUT OF THE BCK", should this have gone to DX Australia ? Ed.)

EDGAR MacASKILL, Invercargill.. Edgar has received verifications back from Radio Relej Costa Rica 4832.. Adventist World Radio, Costa Rica 5030.. Radio Denmark 13800 via Norway and Radio Mil 6010 khz (What country, Edgar, I have no listing of a Radio Mil on this frequency ?)

BOB BOUNDY, Christchurch.. Back to Christchurch with a list received at the last minute just as I was winding it all up. Bob recently changed receivers (again) and reports that his latest aquisition, an NRD 525 is going well. QSLs in from Swiss Radio int. 9885 and 9905 khz. Also one from HJGC Caracol 5075.

BEST OF THE MONTH

Under Nine MHz

Over Nine MHz

Paul Omandy for his QSL from
Pirate "Radio Blue Star" Holland
6302 khz 50 watts.

Ian Cattermole for the QSL from
ZYE775 Radio Globo, Brasil
11805 khz 10kw.

DXing with Flower Power.....

Swiss Radio International is awarding a Bouquet of Flowers to three letter writers each month and the League has featured. Bob Boundy has received his per Interflora and while listening a few nights ago I heard one being awarded to another old timer in New Zealand DX . Congratulations Cleve Costello.

730 Jack Searle

MEDIUMWAVE MAILBAG with Paul Ormandy

MEDIUMWAVE
MAILBAG

with Paul Ormandy

Highlights:

- * R Club AM 1683 to return
- * Radio Lebanon now on 1620
- * DX-opportunity on 783kHz

It has been noted on several evenings of late, that Wellington station 2YB 783kHz has been off and should leave at least 780 & 790 free for some American DX. This is possibly for aerial repairs, anyway, it has meant a window for DXers. I set my tape recorder for 1530UTC and heard 6VA Albany, West Australia at a good level. I would also expect to hear 88AL Alice Springs or even Syria, another possibility is JOXR Okinawa - which would be a new country for a lot of listeners. By the time you get this they may be back on in the evenings though they do sign-off at 1400UTC anyway and plan 24 hour operation soon. Thanks to David "Black Knight" Ricquish for the additional info on this one.

If anyone is looking for R Club AM 1683, then don't hold your breath! They are off at present and will return soon running 400 watts, which should make them much easier to hear. And if you've heard AA programming on 1620, then it may be the new Newcastle(?) outlet for Radio Lebanon Australia on 1638. The programmes are not in // and with 2 other Aussies on 1620, it might be tough to separate them, especially as "The Edge" 2AM also runs ethnic programming.

A couple of readers have asked about the W-Q loop that I use. It is built on a design that appeared in Practical Wireless a few years back and works very well. It gives very good nulls, has plenty of gain and is selective. It is also not everyone's cup of tea to build - you'll need a good knowledge of electronics to build the amplifier for this baby, a few carpentry skills and plenty of patience when winding the loop! The first one I made required 470 turns of light enamelled copper wire, then I found some Litz wire (now very hard to obtain) for the next three which made life

"Attention Grey-Liners:" That is the familiar call to DXers who are on the Internet and belong to Andy Gardner's mailing list, "Grey-Line DX". If you're on the 'net and not yet a Grey-Liner, send Andy an e-mail to andy@navigator.co.nz and join our happy band, where you will find all sorts of useful info from Aussie and NZ DXers as well as interesting re-posts from all over the World.

a whole lot easier! If you're keen to build one, please send me a self-addressed envelope and 3 x 40c mint-stamps to cover postage and photocopying.

If you are interested in technical projects, I have just built my third antenna phasing unit - the first two didn't work so well and were scrapped. The latest version is based on Andy Gardner's unit and first test will be tonight on a couple of 25 metre wires, they are really meant for use with Beverages so it will be a while before I can check it out fully at Waianakarua. Hopefully, it will let me get rid of a few pesky NZers that I can't get a null on with the loop!

Often DXers are guilty of tuning around looking for Yanks etc with their receivers in the wide filter mode - hey, it might sound good but if you want to ferret out the DX from amongst the NZers then use a narrow filter position or tune around in SSB, in most sets selecting SSB means the set uses a narrower filter. Use LSB if the interference is coming from above (e.g. DXing 780 with splash from 783) or USB for the other scenario (e.g. DXing 850 with splash from 846). The other thing I notice is that DXers using receivers with digital-displays seem reluctant to move the dial 1 or 2 kHz off-frequency to avoid interference. Let's take the above case on 780kHz, if you're getting spattered by 783, switch to LSB then tune down from 780 using your ear, not the display, to find a point where readability is best. You may have to tune to where the read-out says 778kHz, it doesn't indicate a fault with your set, rather that you have tuned to the lower side-band. All signals on the MW band have an upper and lower sideband. The only disadvantage to using the narrower filter/SSB tuning is that the fidelity suffers - and if that's the cost of hearing that rare stuff then roll on narrower filters!!!

Now let's see what nocturnal activities our readers have been engaging in...

MEDIUMWAVE MAILBAG with Paul Ormandy

Ian Wells, Dunedin, checks in after a lengthy break to report a logging of KTNN 660. Ian uses a National DR49 and about 20 metres of wire fed into a home-brew aerial tuner. How good is your soldering....?

Eddie MacAskill, Invercargill, keeps "trucking" them in with QSLs from Greek R 1665, Footscray Community R 1629 (150 w), 2AM 1620 and KFAB 1110. Still heading down to Tiwai on these cold nights? Bet it's colder down there than in the Shack at home! Eddie, could you please tell me how many MW QSLs you have - not sure if you are considered a "Junior" or not and might have robbed you of a BOM!

John Durham, Tauranga, whose name hasn't graced the MW pages for some time, checks in with a note about Classic Good Time Oldies in Tauranga on 1521. If anyone wants to send them a report, their address is Box 134, Tauranga. I guess when you've finally nailed those elusive few SW countries you'll be appearing in this section a bit more often? Convention news will appear soon.

Graeme Dixon, Massey, another SWLer slowly seeing the light, has sent off a report to KCWW 1580, his first MW report since moving to Massey 23 years ago! Boy, after sampling Camp Iona you may not want to go home! You'd better send Noumea a reception report before they switch over to FM - just a rumour I've started mind you, I'll do anything (almost) to get people logging MWers.

Robert Krijger, New Plymouth, who has run out of FM/TV stations to log, has QSL'd KFAB 1110 & KGA 1510. Robert's notes were passed on via the Internet by Ashley Gulbransen, who admits to not knowing what those funny call-letters mean - hmmm....another conversion job coming up here!

Bryan Clark, Auckland, checks in with US State #38 verified, WJR 760. Now, I don't need to preach to Bryan - though the number of FMers being logged is a bit of a concern.

Laurie Boyer, Invercargill, die-hard MW DXer, knows the right end of the aerial; has QSLs in from 1XP 702, 2ZP 1053, 2XG 972, 4RN 792, 4TAB 1008 and 2PB 630. Laurie found the last list of Aussies very helpful and picked up a few new logs - hope this issue's Aussie trail helps too.

Martin Greer, Launceston, has been experimenting with antennas and has a single leg of what is to be a v-beam up. It is 6m high and 50 metres long and signals have already increased 1-1.5 S-points. Martin, I am looking forward to reading how well it works.

Keith Robinson, Invercargill, reports in with QSLs from Coast Access R 1512, 2MM 1665, Sports Roundup 1377 & 1368, 3BM 1116, R Club AM 1683 and Classic Good Time Oldies 1521. Still picking them off eh!

Paul Ormandy, Oamaru, still logging Aussies flat out (all appear in the trail later) and reaping the rewards QSL-wise. I am very pleased with the return-rate so far. The private stations seem keen to reply only the ABCers are not so great! Those that have done the decent thing are: 2QN 1521, 2EA 1413, 1107 & 1485, 2LF 1350, 3AW 1278, 2RN 603, 2PB 630, 2PB 1458, 2TM 1287, 2KY 1017, 3TR 1242, 3BA 1314, 7PB 729, 2DU 1251, 2ST 999, 2AY 1494, 2RE 1557, 2NC 1233, 2NZ 1188, 4ZR 1476, 4MK 1026, 2VMN 801, 2UM 1539, 3RG 1593 & 2LT 900. Also a couple from further afield, XEJP R Variedades 1320 (ex-1150) and V of Russia, Maic, Moldova 1467. Still plenty more Aussies to log - if I can get around the NZers! Roll on the phaser!

Merv Branks Trophy

With just one month to go, here are the standings:

Paul Ormandy 66, Laurie Boyer 28, Graham Barclay 17, Arthur Cushen 8, Keith Robinson 7, Keith Hammond 6, Peter Grenfell 5, Dene Lynneberg 5, Andy McQueen 4, Eddie MacAskill 4, Lindsay Robinson 3, Jack Searle 3, and I'm running out of cliches for anyone who hasn't scored a single, solitary point like Arthur de Maine, David Ricquish, Bryan Clark, David Ricquish, Andy Gardner, David Ricquish, Mark Nicholls, David Ricquish, etc, etc! C'mon guys - hows about starting the next Merv Branks Trophy off with at least one in the bank!

BEST OF
THE MONTH

Junior: Robert Krijger with KFAB Omaha NE, 1110kHz and 50kW
Senior: Paul Ormandy with Voice of Russia, Maic, Moldova 1467kHz 150kW

MEDIUMWAVE TRAIL with Paul Ormandy

MEDIUMWAVE TRAIL

with Paul Ormandy

Aussie Trail - Paul Ormandy. All logged from Oamaru using the trusty Drake SPR-4 and a W-Q loop.

Aussie Trail

585 0846 2WEB Bourke, oldies songs, mix folk & country, concert promo, reg canned ids, mxd 7RN.
 639 1030 5CK Port Pirie, ABC nx after "Today" prog, mxd 4YW.
 675 0800 2CO Albury, ABC nx, wx 0809 then "PM" prog, plenty QRM from 3YA
 729 0937 5RN Adelaide, science prog on oceanic exploration & interview.
 729 0755 7PB Hobart, dominant briefly o/5RN w/tlk on Pauline Hansen.
 756 0950 3RN Wangaratta, book review then Vic nx 1000, mxd 1YA.
 855 1046 3CR Melbourne, prog in SS, interview w/Latino visitor, mxd 4QO/QB.
 864 0823 4GR Toowoomba, tough gong thru 4ZA, classic hits format, ad string and reg ids as "8-6-4 4GR"
 882 1016 3YB Warnambool, fr sig mxd 4BH, w/slogan "The best of the 60's, 70's & 80's, the South West's 8-82, 3YB"
 927 0838 4CC Gladstone, slogan "more music, more variety, 4CC" then details of Boyne Island fishing contest.
 927 0808 3UZ Melbourne, slogan "Sports 927" w/motor-rally item & AFL nx
 963 0854 5SE Mt Gambier, rock mx, string of ads, mxd 4WK.
 963 0806 2RG Griffiths, farm ads, wx, slogan "Today's hits, yesterday's favourites, 2RG"
 999 0830 2NB Broken Hill, w/S Australian ABC programming, time as 6 pm.
 1053 0716 4EB Brisbane, spoken prog in Italian till 0727 then EE id and into folk mx.
 1098 1032 4LG Longreach, fr w/requests, T40 pops, slogan "...playing the greatest songs of the 90's, 4LG"
 1098 1043 7LA Launceston, gd o/4LG w/ids as "Lot 7 - 7LT" and T40 songs, guess they relay 7LT.
 1116 0816 3BM Melbourne, MA w/prog in Italian, taking 'ph callers.
 1179 0929 3RPH Melbourne, prog "The Good Old Days" endong then id & into arts prog.
 1341 1042 2HH Newcastle, fr mxd 2ZN w/"Racing Radio" show from 2KY, horse and dog race commentaries etc
 1503 0836 3AK Melbourne, 'ph in tik-show incl "infomercials", slogan "3AK, music & memories"
 1539 1200 5TAB Adelaide, horse & dog -race commentaries, ids as "TAB Radio".
 1602 0940 3WL Warnambool, pr sig mxd 2XA w/live budget reading.

Rest of World

549 1205 CHINA Unk loc, pr-fr thru 2CR w/CC tik. PWO
 909 1209 CHINA CPBS-1, Fujian, fr sig in clear w/ CC tik. PWO
 960 1035 CANADA CFAC Calgary AB, slogan "Calgary's home of Country music" then string of ads at very good level. PWO
 1560 1135 USA KNZS Bakersfield CA, fr-gd w/talk-show, local ads in b-out 1140. PWO

BROADCAST NEWS with Bryan Clark

ASIA/PACIFIC MEDIUM WAVE NEWS UPDATE

NEW ZEALAND Murray Orchard, Station Manager advises that Waihi Community Radio Inc.'s address is c/o 6 Victoria Street, Waihi. The transmitter on 1107 has a power of 300 watts.

National Radio showed a large audience in the Dunedin area, lying second to Classic Hits 89.0 FM/1125 AM according to the latest Research International NZ Ltd survey. Of the 1274 listeners surveyed, of those 10 years and older, 16.5% tuned to Classic Hits. Other listeners tuned their radios to National Radio 810 (14%) who headed off 7 other stations. They were 96ZM (11.7), Radio Dunedin and Newstalk ZB (11.5), 4XO (9.4), 93ROX (8.2), Radio Pacific (5.7), Concert FM (3.0) and Radio Rhema (0.8). There are 15 stations in Dunedin. (Jack Fox)

Radio Rhema, with 25 stations already on air, is planning a second radio network to commence later this year. Meantime they are currently preparing the resource consent applications to establish 3 AM transmission sites in Northland. Radio Rhema is now on the Internet at <http://www.rhema.co.nz> (via Bryan Clark)

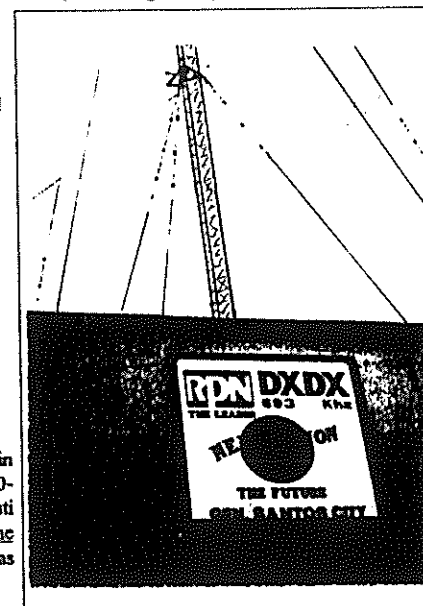
AUSTRALIA The following from Fred Slinn at ABC Canberra.... "It appears that Radio National Stations no longer identify each station by a specific call sign and have gone to a generic RN ident at just before or after the top of the clock. However I'm told by our marketing people that you can get a list of RN stations and their frequencies from the RN internet web site. Address is <http://www.abc.net.au/rn/freq/map.htm>. If you wish to correspond with the ABC in future then you should address all mail to GPO Box 9994 in any Capital City. If you do not have access to the internet you could write to Ms Frankie Lee at the above address Sydney 2001." (via Paul Ormandy)

You can send reception reports to Parliament & News Network stations (ie 2PB, 3PB, 4PB etc) via e-mail to their Sydney office, pnn@your.abc.net.au PNN does not carry any regional or local programming. (Russell Powell, 3PB Melbourne via Paul Ormandy)

4RPH Brisbane 1296 address is 231 North Quay, Brisbane 4000. (John Wright/Grey-Line DX)

Recent Aussie QSLs received by Paul Ormandy in return for reception report with local tourist brochure, 75c Aussie mint-stamp, plus prepared card (PC) where noted.
 729 7PB, v/s Russell Powell, e-mail pnn@your.abc.net.au
 1017 2KY, v/s Mar Carter, CE, personal VL
 1242 3TR v/s Jennie Moran, Sec, personal VL w/stickers
 1251 2DU, v/s Jon Crosby, Ops Mgr, pers VL, sticker & coverage map
 1278 3AW v/s Craig Wilson, Producer Drive-Time Show, via e-mail
 1287 2TM, v/s Stanley R Allen, also sent area map, brochures, & stickers, and returned my return postage.
 1314 3BA, v/s Peter Caligari, MD, personal Verio Letter
 1350 2LF v/s J McCorkindale, PC QSL
 1485 2EA v/s D Moore, Asst Mgr Radio (also 1413 & 1107), pers ltr, prog sked & stickers
 1521 2QN v/s John Goodall, CE, PC QSL and stickers

PHILIPPINES DYRB Cebu City 540 Full data letter in 110 days from Jose E Escanter Jr, Radio Inc. Room 1010-10th Fl National Life Insurance Bldg, Ayala Ave, Makati City. (Pat Martin via DXers Calling 6/97) And on the right we have the DXers callsign - DXDX 693 as photographed by German member GUNTER JACOB.



BROADCAST DX with Bryan Clark

NORTH AMERICAN STATION NEWS from IRCA's "DX Monitor" magazine 2-4/97

- 600 KSJB uses old 60s era QSL cards & Chief Engineer Shawn Elliot likes receiving reception reports. Address: P.O. Box 1840, Jamestown, ND 58402. (Martin OR)
- 710 KTZN Los Angeles CA ex KMPC. Format will continue to be talk but ratings have been dismal, no better than their sports format which bombed despite their excellent (50kw day, 10kw night) signal. (Gibson CA) Ident as "AM 710, The Zone". (Wein CA)
- 730 KBSU Boise ID format changed to jazz in January.
- 790 WQXI Atlanta GA was to change to childrens' format in January.
- 840 KABN Long Island AK format is presently classical // KLEF, pending new format change.
- 860 KCNR Salt Lake City UT format now ABC childrens.
- 920 KORK Las Vegas NV adult standards format changing to sports mid-March.
- 950 KAHJ Auburn CA will be moving to 1620 on the expanded band, but no date set yet. (Jackson CA)
- 970 KAFY Bakersfield CA has returned to the air w/ JSN regional Mexican format.
- 1030 WLTV Brantley AL granted move here with 5kw day, 400w D nights, ex 1080.
- 1040 WJNA Boynton Beach FL format changed from Talk to Adult Standards.
- 1050 KNML Los Ranchos de Albuquerque NM ex KHFM with sports format, slogan "Sports Animal".
- 1140 KSLD Soldotna AK was silent, reactivated with ABC Classic Rock. CFXL Calgary AB format now Country & Western, religion, ethnic.
- 1150 CKX Brandon MB now idents as "11-50 Kicks". Country music & local talk format. (Axelrod MB) KJIS Los Angeles CA started using slogan "Xtra Sports 1150" on 10 March with new all-sports format. It is not parallel to XETRA 690 all the time, but airs a combination of local and syndicated programmes. Plans to upgrade from 5kw to 50kw sometime this year. (Gibson CA) CKOC Hamilton ON verified by letter & bumper sticker from Dave Barry, Engineer, addr: 883 Upper Wentworth, Hamilton ON L9A 4Y6. (Lazarus LA)
- 1220 KDFC Palo Alto CA now classical // FM following bankruptcy of Kidstar network on 22 February. May go to Radio Aahs or Disney Radio. (Wein CA)
- 1260 KGIL Beverley Hills CA has been heard with new call ex KNNS. (Wein CA)
- 1280 WADO New York City NY granted increase to 50kw directional, DA-2. KDUK Eugene OR has "alternative" format // KRVM.
- 1310 KDIA Oakland CA format now urban oldies, rhythm & blues oldies. KPOZ San Antonio TX ex KXTN format now Contemporary Christian with 75% secular adult contemporary music.
- 1340 KVSJN Turnwater WA requests move here with 1kw day/night ND ex 1500.
- 1360 WAZU Cincinnati OH ex WAOZ with slogan "Info Radio 13-60". (Bueneman MO)
- 1380 WKBQ St Louis MO identifies as "WKKX Granite City, St Louis, 13-80 WKBQ AM St Louis." (Noonan WI)
- 1390 KLTX Long Beach CA ex KGER w/ SS religious programming, K-Lite slogan at 2200 ELT. EE Christian mx at 0330 ELT, ident "The all new K-Lite, AM 1390". (Wein, Sanburn CA)
- 1400 WIRA Fort Pierce FL call now WYFX "Foxy 14".
- 1480 KSHF North Las Vegas NV ex KKDD is "K-Shop", talk and shopping news in drivetimes.
- 1420 WBRD QSL letter from T. Michael Craft GM & James E. Grant Jr, Senior Engineer. Address: 2101 Hammock Place, Sarasota FL 34235. (Stephens AL)
- 1430 WNWZ Germantown TN format CSN childrens since January. Call changing to WOWW.
- 1450 KOZZ Reno NV callsign changing to KPTT.
- 1470 KBBA Abilene TX with Tejano format here ex 1560, replacing silent KNTS.
- 1480 KRHT Concord CA now on the air with all-weather format. (McMenamin CA)
- 1560 KMPC Abilene TX format is Adult Standards, replacing KBBA now on 1470.
- 1600 WOKB Winter Garden FL format is now Urban Adult Contemporary, Ethnic. Black Gospel aired in the morning drive-time slot.

BROADCAST DX with Bryan Clark

NORTH AMERICAN STATION NEWS from NRC's "DX News" magazine 3-5/97

- 540 XETN Tijuana BCN with classical music format on air 15/4 as promised by owner of "X-Bach AM 540". Power due to go to 25kw. (Tim Hall CA)
- KKGO Costa Mesa CA changing call letters to KNOB. (Reportedly synchro with above station. Ed)
- 580 CKUA Edmonton AB is now silent.
- 650 KHNR Honolulu HI construction permit for new transmitter site is on.
- 670 KWNK Simi Valley CA format change from all sport to SS 'Radio Centralamerica'. (Internet)
- 710 KTZN Los Angeles CA new call & slogan "The Zone" with women's talk. Former call KMPC had been used continuously since 1927. (Cooper CA)
- 790 KKON Kealakekua HI reactivated after short break with reduced 1kw power.
- 820 WYPA Chicago IL here w/motivational programming, WSCR moved to 1160. (Axelrod/Macrae) KCBF Fairbanks AK has applied for 10kw day and night, U1.
- 860 KTRB Modesto CA has requested change of antenna to U2.
- 980 KRTX Rosenberg TX seeks to modify construction permit to show 5kw day, 4kw nights U4.
- 990 KIKI Honolulu HI was silent, now back on air.
- 1050 KBBV Big Bear Lake CA has returned to the air, relaying KHPY Moreno Valley CA on 1530.
- 1060 KBNB Gilmer TX has returned to the air.
- 1100 KCCF Cave Creek AZ to start regular programming 3/97 with 50kw day, 4.4kw nights, big band format. (Sampson AZ)
- 1150 KJIS Los Angeles CA now //XETRA 690, slogan Extra Sports 1150. (Cooper)
- 1160 WSCR Chicago IL heard with religious prgm at 0700 ELT, frequency move from 820, replacing WJJD on this channel. (Axelrod/Macrae MB)
- 1190 KPHN Kansas City MO with new call ex KFEZ, ids as CNN 11-90 and KHPN. (Axelrod/Macrae) WLIB New York NY requests CP extension to complete move to 30kw nights.
- 1200 WCHB Taylor MI requests CP changed to 50kw days, 15kw nights, U4.
- 1230 KLXR Redding CA has returned to air with relay of KNRO Redding 600. KWXYZ Everett WA format is All Korean, but recently silent.
- 1240 KDDZ San Diego CA has change of callsign to KSON.
- 1310 KXTN San Antonio TX call letters changed to KPOZ.
- 1330 WFBC Greenville SC callsign changed to WYRD.
- 1340 KOMY Watsonville CA has reactivated with relay of KSCO 1080 Santa Cruz.
- 1380 KMJI Sacramento CA call letters changed to KTKZ.
- 1410 KTME Lompoc CA silent station is back on air. CFMB Montreal PQ granted frequency change to 1280 w/ 50kw day/night U4.
- 1420 WBRD Palmetto FL apparent format change to news talk ex gospel // WTMY.
- 1430 CHKT Toronto ON new call ex CKYC supposedly meaning "Hong Kong Toronto" w/ programming primarily for local Chinese community. (Internet)
- 1440 KEYS Corpus Christi TX now uses slogan 'NewsTalk 1440'. (Internet)
- 1460 KHTX Salinas CA silent station is now on the air. Format Dance CHR // FM
- 1470 KXOA Sacramento CA has change of call letters to KQPT. WRBD Pompano Beach FL has gone silent. KNTS Abilene TX has reactivated with call letters changed to KBBA.
- 1510 KNOB San Rafael CA callsign changed to KKHL.
- 1540 KTNO Fort Worth TX has been granted 35kw day, 890 watts nights U4, relocation of transmitter site and change of licence city to University Park TX. KISA Honolulu HI has returned to the air with relay of KWAI 1080 Honolulu.
- 1550 KRGQ West Valley City UT callsign reverted to KRGO but station still silent.
- 1560 KMPC Abilene TX new call ex KBBA with new Adult Standards format. (Inet)
- 1580 KLOQ Merced CA call letters changed to KTFN.

DID YOU KNOW? The easternmost K station and westernmost W station in the United States share the same call letters - WKY Oklahoma City on 930 and KYW Philadelphia on 1060. (Internet via NRC)

UTILITIES with Evan Murray

Please address your loggings to 14 Kia Ora Road, Birkdale, Auckland. (09) 4839-543, and to help sorting they should be in the order shown, ie frequency, UTC and date.

The first instalment of our aeronautical frequency listing appears, to be followed by the balance as space permits. The listing is the very latest, omits navigation facilities except where necessary to include them. The information in the remarks column will be provided for those who ask for it.

The Royal Air Force broadcasts weather details for certain airfields, and the information is given in colour codes. Transmissions are broadcast on the hour and thirty minutes after the hour on 5450 and 11253 khz. Visibility states are - colour blue 8 km visibility, white 5 km, green 3.7 km, yellow 1.6 km, amber 0.8 km, red less than 0.8 km, black not useable.

Royal Air Force Multi Purpose Transmissions

Frequencies used are - Haven (Ascension) 4742, 6739, 9031, 11235, 11247, Belize 11205, Cyprus 6712, 9031, 11235, 11247, 18018, Viper (Falklands) 11235, 11247, Gibraltar 9031, 11235, 11247, Architect (Upavon, also known as Strike Command Integrated Comms System) 4742, 5729, 6739, 9032, 11205, 11235, 11247, 15031, 18018.

Airac Codes

1. Aircraft ID. 2. Position. 3. Time. 4. Flight level/altitude. 5. Next position and time over. 6. ETA. 7. Endurance (fuel remaining). 8. Air temperature. 9. Spot wind and mean position. 10. Turbulence. 11. Aircraft icing. 12. Supplementary weather information.
US registered aircraft have additional information to be reported, ie passengers on board.

Loggings recorded during May were:

3467	1017	Auckland/Argentine 1881	AS
4417	2048	Bluff Fishermens Radio/Puyseger	JC
4426		Melbourne Radio wx and sea conditions	AS
4445		Russell Radio with yacht roll call	BJ
5517	2000	Tripoli/Cairo passing flight info	JC
5535	0757	Lima/American 905, FL 370, Fuel 66.9, wind 245/22, temp -48°, LA to Miami	EM
5535	0837	Lima/American 927, FL 330, Fuel 57.8, wind 327/22, San Juan to Miami	EM
5535	0838	Manaus/American 923, Call me on 8885, Miami, La Paz, Santa Cruz	EM
5535	0846	Lima/American 905, passed Grand Cayman 0818	EM
5535	0847	Lima/American 909, fuel 62.3, wind 295/68, temp -45°, mod turbulence, Miami- Buenos Aires.	EM
5535	0942	Lima/American 955, FL 390, Buenos Aires- New York	EM
5538	1956	Bahrain/Gulf Air 051, PP to Ops, Est Abu Dhabi 2120	JC
5550	0813	New York/Canadian 101, posn	DB
5598	0438	Santa Maria/Springbok 201, route instructions	DB
5598	0435	Shannon/Air France 594, posn	DB
5598	0730	New York/Reach 5234, posn 350, Est 1150N, 50W at 0757 1143N 56W next, Try 8855 of 6577	JJ
5598	0520	New York/KLM 789, 37N, 50W at 0512 FL 350, Est 42N, 40W at 0617, 45N 30W next, -54°, wind 255/65, Amsterdam-Bonaire	JJ
5634	1952	Antanarivo/Seychelles, advising flight calling	JC

UTILITIES with Evan Murray

5643	0958	Brisbane/Evergreen 6987	EM
5643		Brisbane/Air NZ 187	AS
5643	0959	Auckland/Qantas 49	EM
5649	0836	Gander/Air France 061, clearance	DB
5680	0420	Wellington RCC/Kiwi 119, radio dropped to yacht Pattylee and contact made	JC
5695		Sandblast/Chesapeake, have you landline contact with Fort Meyer	BJ
6532	1002	Honolulu/Navy Detail 15, climb FL 250 and advise reaching	EM
6532	1012	Honolulu/Reach 2189, cleared to FL 370 and advise reaching	EM
6532	1007	Honolulu/Air Mike 921, FL 310, Hokum 1016, fuel 47.7	EM
6532		Tokyo/Air France ?	BJ
6604	0855	New York and Gander Volmets	AS
6640	0908	Honolulu/Polar Tiger 188, PP to company, returning to Khabarovsk, No 4 engine shut down	JC
6692	0927	Magadan/Canadian 30, maintain 10100 m	JC
6692	0838	Magadan/Evergreen 328, request 10100 m	JC
6692	0838	Magadan/Irkutsk, also Okha, Nikolaevsk with radio check	JC
6692	0839	Sov Gavan/Khabarovsk	JC
8846	2030	Nadi/Vava'u, request clearance Royal Tongan 802 to Fua'amotu	JC
8846	2030	Nadi/Tarawa, Marshall 126 cleared to enter Nadi OCA	JC
8846	2030	Nadi/Funafuti, flight cleared to Tarawa	JC
8846	2030	Nadi RCC/Kiwi 122, have located Shana and MV diverted to assist	JC
8879	1041	Gander/Air France Concorde 002, SM 30W at 1041, FL 510 climbing	JC
8879	1127	Gander/Speedbird Concorde 1, SM 40WQ at 1124, climbing to FL 513	JC
8891	0523	Baffin/Churchill, did you copy Air France 083	JC
8891	0523	Iceland/UID, aircraft at 30 W call Baffin 126.55	JC
8903	0446	N'Dajamena/Air Afrique 492	JC
8903	0446	N'Dajamena/Stn 1008, Jeddah to Lagos	JC
8903	0446	N'Dajamena/Ghana 0023, Jeddah to Accra	JC
8909	1225	Hyderabad/VLF, requesting Hyderabad weather for 1345	JC
8921	1850	Speedbird Ops/Speedbird 2874, we have a major problem requiring diversion Riga to Copenhagen	JC
8930	2046	Stockholm/Egyptair 798, Orly 1950 to Cairo 0000	JC
8930	2046	Stockholm/Reach GDF-5, Ramstein to Cairo, message to AIA	JC
8930	2046	Stockholm/Air India 220, we are Air Club Intl with PP to company in Canada	JC
8933		Johannesburg/Springbok 274	BJ
8948	1145	Nagpur/Delhi, a flight is calling you	JC
11175		Mainsail/Sierra Juliet Golf, letter code	BJ
11235		Darwin/Reach 2190	BJ
11279	0405	Aktyubinsk Volmet	JC
11297	0356	Rostov Volmet	JC
11300		Mogadishu/Air France ?, posn	BJ
11384	0752	Honolulu, Air Mike 902, posn, FL 310, fuel 56.5, wind 225/30 temp -32°	JJ
13300	0635	Honolulu/Alpha 231, posn 17N 170E, FL 350, next 15N, 160E, fuel 106.2, wind 274/24, temp -39°	JJ

Contributors

AS	Alistair Sutherland, Oamaru, Drake R8, tilted folded dipole
BJ	Basil Jamieson, Oamaru, Drake R8, 100 ft random wire
DB	Daniel Bloomfield, Auckland, Yaesu 8800, 55 ft vertical
EM	Evan Murray, Auckland, Kenwood R5000, tilted folded dipole
JC	John Charlton, Greymouth, Kenwood R5000, 30m wire, AOR 3000, AOR 8000
JJ	Jim Jordan, Pukekohe, AOR 3030, NRF 7, Eavesdropper

UTILITIES with Evan Murray

AERONAUTICAL FREQUENCIES						CHATHAM ISLANDS COM	AG	Tuata Radio	118.1			Q/R 24 HR PN Chatham Islands Airport Ltd	
RADIO COMMUNICATION AND NAVIGATION FACILITIES						CHRISTCHURCH COM							
DME are channel X unless otherwise stated. All facilities H24 unless otherwise stated.						FIS							*Distress/Emergency
WCS 84 coordinates)						FIS							Oviatchurch Information
STATION	SERVICE	IDENT AND CALLSIGN	FREQ OR CHANNEL	CO-ORDINATES	REMARKS								
ALL AIRCRAFT			128.95	*Ais & Pacific out of range of VHF ground stations	*Ais to Air Channel for remote and oceanic areas								
ALEXANDRA COM	FIS	Christchurch Information	122.2										
ALEXANDRA NAV	NDB	LX	386	45 09 55.94 S 169 28 47.45 E	Rated coverage 20NM								
ALEXANDRA NAV	DME	LX	118 117.1	45 09 55.94 S 169 28 47.45 E									
ARDMORE COM	APP FIS	Auckland Control	124.3 120.5										
	TWR FIS	Ardmore Tower	118.1 120.1		HO								
	ATIS	Ardmore	121.0										
	FIS	Auckland Control	120.1		AVBL for IFR ACFT on CRD at NZAR outside Ardmore ATS HR SER.								
ASHBURTON COM	FIS	Christchurch Control	120.9		AVBL for IFR ACFT on CRD at NZAS.								
ASHBURTON NAV	NDB	AS	254	43 54 17.24 S 171 48 24.61 E	Rated coverage 30NM								
AUCKLAND COM			121.5		*Distress/Emergency.								
	FIS	Auckland Control	120.1		Ardmore facility AVBL for IFR ACFT on CRD at NZAR outside Ardmore ATS HR SER.								
	AG	Auckland Radio	3467 3643 3867 13261 17924		SP-MVARA SELCAL equipped.								
AUCKLAND COM (cont)	AGD FIS	Auckland Control	124.0 123.9		Within Auckland LTAF and CTAF beyond APEX 50NM radius of AA excluding that area east of a line from Waik Beach to Turangi.								
	AGD APP FIS	Auckland Control	123.3 119.5		Within Hamilton TMA/D, Rotorua TMA/D and Auckland LTAF, CTAF east of a line from Waik Beach to Turangi.								
	APP FIS	Auckland Control	124.3 120.5 129.6										
	TWR FIS	Auckland Tower	118.7										
	CLR DELIVERY	Auckland Delivery	121.9										
	ATIS	Auckland Tower	127.8 127.0*		HO *Improved cover on CRD at NZAA								
						FIS							
						Oviatchurch Information							
						118.7							
						118.5							
						123.7							
						122.3							
						129.4							
						122.3							
						125.0							
						129.3							
						124.8							
						126.2							
						123.7							
						Westport facility							
						Hokitika facility							
						North of Nelson CTR/Wellington TMA to New Plymouth.							
						North of Christchurch and South of Nelson CTR/Wellington TMA.							
						South of Christchurch							
						South of Christchurch AVBL for IFR ACFT on CRD at NZTU and NZDNNZTI outside Dunedin ATS HR SER.							
						Napier facility AVBL outside hours of service Napier and Ohakea ATIS.							
						Ohakea facility AVBL for IFR ACFT on CRD at NZPM outside Ohakea and Palmerston North ATIS HR SER.							
						AVBL for IFR ACFT on CRD at NZNS and NZMK outside Nelson ATS HR SER.							

LEAGUE LADDERS with Peter Grenfell

Hi everyone. Paul Ormandy with you this month as Peter G is off to a Zane Grey Convention in the good ole' US of A! As it's the end of the 6-monthly contest, congratulations to the section winners, marked below with an *. Ian Cattermole is retiring soon so guess that magic mark of 200 Countries on SW will happen pretty soon! Andy McQueen is now breathing down the neck of his 100th SW Country - who will be first?

MEDIUM WAVE	QSLs	Inc	Cnt	SHORTWAVE	QSLs	Inc	Cnt
OPEN (Over 500)				OPEN (Over 500)			
Laurie Boyer	3900	6	137	Arthur Cushen	6597	30	301
Arthur Cushen	3016	6	166	Ian Cattermole*	2761	94	182
Keith Robinson	2845	10	157	Jack Searle	2131	21	204
Paul Ormandy*	1269	75	134	Paul Ormandy	1565	17	231
George Beardsmore	802		61	Bryan Clark	1538	5	236
Bryan Clark	673	4	119	John Campbell	1477		252
Mark Nicholls	643		67	Laurie Boyer	1410	10	158
John Campbell	624		124	Brian Withers	1297		128
Lindsay Robinson	503	8	54	Mike Smith	1218		133
				Lindsay Robinson	1197	5	164
				Roas Gibson	1002		154
SENIOR (301-500)				Graeme Dixon	907	9	116
Peter Grenfell	443		37	Paul Peacock	762	23	120
Brian Withers	411		51	Peter Grenfell	653		133
				Ian Wells	561	12	124
INTERMEDIATE (151-300)							
Jack Searle	292	2	35	SENIOR (301-500)			
Andy McQueen	283	4	21	Andy McQueen*	329	22	96
Robert Krigger	228	2	13				
Mike Smith	194		18	INTERMEDIATE (151-300)			
Paul Peacock	178		16	Bob Boundy	283	115	81
				Chris Elliot	250		70
JUNIOR (5-150)				Arthur de Maine	226	5	88
Ian Wells	106		15	Ashley Gulbransen*	191	7	74
Adam Claydon	69		4	Keith Robinson	181		172
Arthur de Maine	50		10				
Chris Elliot	13		3	JUNIOR (5-150)			
				George Beardsmore	129		68
FM-TELEVISION	QSLs	Inc	Cnt	Adam Claydon	123		40
Brian Withers	899	277	9	Mark Nicholls	121		55
Robert Krigger*	673	51	6	Daniel Bloomfield	7	2	6
Bryan Clark	148	14	5				
Paul Ormandy	110		5				
Paul Peacock	61		2				
Adam Claydon	46		1				
Mark Nicholls	42		2				
Mike Smith	33		2				
Andy McQueen	28		2				

Congratulations to Brian Withers, Bob Boundy and Ian Cattermole for their huge increases.

Ashley tells us his target by the end of the year is 200 QSLs - better put that mic away! Let's hear a few more of you committing to targets in August! Just remember, to win a section you must have updated at the end of each six-monthly period, and have an increase of at least 5 QSLs.

And if you've always wanted to meet Jack Searle, he will be at the Convention keen to put faces to names - what a great idea!

73s and good DX and health to everyone,

DX'CLUSIVE

A DX TOURIST IN NORTH AMERICA

BARRY WILLIAMS

As a young man Canada had always beckoned me and by the time I was 24 years old I had saved enough for an extended trip across Canada. Fate had other plans and at that time I met my future wife, Alice. Being a practical young chap I realised that purchasing a plot of land made more sense than my planned journey. Canada became a dream again ; that was until July 1996 when I spent 6 weeks in North America with my son. Alice does not like travelling.

The plan was a 4 week conducted tour across Canada, through the New England states, down to Washington DC and back up to Toronto from where Andrew would fly home. I would remain in Toronto for a further 2 weeks. I will not go into details regarding the tour except that it was thoroughly enjoyable,, no hitches, good weather and a good bunch of people on the tour. This article deals mainly with the radio side of the trip.

We arrived in Vancouver Thursday 11th July and commenced a one week tour through the Rockies and Vancouver Island, the scenic highlights of the whole trip. As soon as time permitted while in Vancouver, I rang Theo Donnelly, an expatriot League member. After a 15 minute yarn on the phone Theo advised that the monthly Vancouver DX gathering was on that evening at Dubberleys Radios just 2 blocks from my hotel. 7pm saw me introducing myself to 10 Canadian shortwave listeners who had gathered at the shop. The meeting was very informal and led by James Spears, the groups current organiser. Unfortunately that evening the group were advised that Dubberleys would no longer be making their shop available for meetings as they were reducing their radio range and concentrating mainly on cellphones etc. While at the meeting we listened to RNZI on 15115 khz at 1730 PST putting in a good signal as was R.Australai on 9580 khz.

On Friday we flew to Toronto, boarded a new tour bus and immediately headed north to Ottawa, Montreal and Quebec. While in Montreal we had a local guide with us and she pointed out for my benefit Radio Canada International's premises. Time did not permit a stop and Molsens Brewery across the road from RCI looked more interesting anyway. Montreal is the second largest French speaking city in the world, so it was not surprising to find that French now dominated the airwaves. Tuesday the 23rd saw us in Quebec City, the oldest city in North America. Older parts of the city have been beautifully restored. Again both RNZI and Radio Australia could be heard but now weaker. My listening was done on a Sony 7600G using its whip antenna only. Listening to anything on SW was impossible while on the bus and in hotels. Only when I ventured outside and away from city centres was I able to listen to SW.



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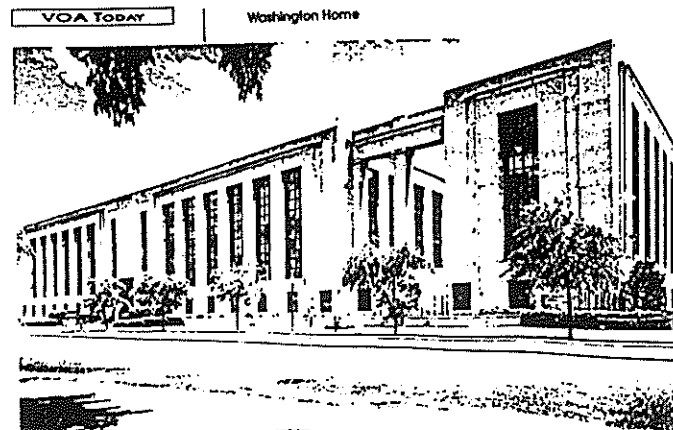
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Over the next few days we crossed the border into the USA and drove through Maine, NH and Mass and eventually arrived in Boston. Two things of particular interest happened here. We spoke to and watched a Maori Concert Party perform in Central Boston with a good midday crowd of locals watching. One has to travel half way around the world to see a maori concert party ! The other thing was an unexpected visit to the home of WHSB, the Christian Science Monitors HQ founded by Mary baker Eddy. Boston was the first example of the ethnic variety on the air. In Canada I heard English ,French and Chinese but in the larger cities on the east Coast one could heard up to a dozen different languages on domestic broadcasts. The little we saw in Manhattan, New York, fascinated us but after 2 days we had to move on to Philadelphia where I happened to spot a KYW news van. KYW being a station I had heard many years ago back in New Zealand.

Washington DC was our next stop. Here I met Bill Whitaker and his wife Paula and their two children. Bill and paula had stayed with us about 10 years ago while on a world trip. Bill an ex DXer now works for the VOA and is in charge of their frequency allocation. Bill took me on a tour of the VOA before yaking me home to have tea with his family. The VOA is in the process of installing Drake R8A receivers in some US embassies. These sets will be remotely controlled and monitored from Washington giving immediate reception conditions in target areas. Who needs shortwave monitors?

Tuesday the 1st August saw us back in Toronto after travelling through the states of NY, Conn, Virginia, PA, Maryland, Delaware and New Jersey. The following day Andrew flew home and I found myself alone in the big city of Toronto. My next mission was to meet Percy McElwaine VE3LHL who kindly invited me out to his home for dinner, where I met his wife, and his friend Mike VE3AO. Sight-seeing took up the next few days and two of the sights were visits to CFRB 1010 and CHUM 1050 khz. I had verified CHUM in 1962 so wandered into their office and introduced myself as an enthusiastic listener of CHUM from New Zealand. The receptionist was not impressed and bribed me to leave by giving me a very nice CHUM cap along with a few other station souvenirs. Just across the road was CFRB, the home of CFRX, the 1000 watt station on 6070 khz. A friendly publicity girl, Debbie, showed me through the studios and introduced me to Wally the announcer for CFRX since it opened 50 years ago. He was retiring that month.

When planning my " North American trip of a lifetime " I had contacted some North American DXers. I wrote to Don Jensen in Wisconsin, Harold Sellers of ONTARIO DX and Richard D'Angelo of the NASWA club. Through Richard I was invited to attend a DX gathering in Ohio. Harold, the chief editor of ONTARIO DX, one



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of the top DX publications today, offered transport from Toronto to Ohio. During the 60s I had corresponded with Don Jensen, a top SW DXer of that period. Unfortunately we were unable to arrange a meeting.

As previously arranged Harold picked me up at midnight, Wednesday the 7th August, and after driving all night we arrived at Reynoldsburg Ohio at 9 am the following morning. The North American motorway network can certainly move traffic. I spent the day meeting other DXers as they arrived, 30 in all. Some were of similar vintage to me, Gerry Dexter, Ed Shaw and Jerry Berg. Other DXers whose names were familiar to me were Guy Atkins, Dan Ferguson, Dan Henderson, Gerry Lineback, Bill Mathews and Don Moore. Then there was the younger age group, now making their mark in the hobby. I was delight to be able to renew acquaintances with Bob Hill whom I met at the 1980 ANARC Convention in Irvine, Cal. Dan Henderson, a VOA correspondent, had recently visited New Zealand. There was John Bryant the chief editor of that wonderful publication PROCEEDINGS. Harold Cones, co author with John, with their book on Zenith Transoceanic Portables. It was also a pleasure to finally meet Adrian Peterson of AWR, well known to DXers over the years. All friendly, knowledgeable and interesting people.



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The three day gathering held in a motel was relatively informal with a relaxed atmosphere. During the more formal sessions, there were presentations such as "On Line Computing and DXing"; DXing in New Zealand; "The Early Days of Zenith Radio" and several technical reviews, and of course on the final night, the banquet and auction.

On the Friday evening the group were guests at Universal Electronics to view their vast range of DX related products. Consideration was given to the purchase of a Drake R8A at a very tempting price, but I decided to stay with my old R71E. Bill Mathews who lives locally took 5 of us to his favourite restaurant KAHIKI. A unique Tahitian style restaurant in the middle of Ohio!. Bill then took us to his home. A lovely new house backing onto a wooded area ideal for running out antennas. Bill has a custom built DX study upstairs with a separate shielded powerline coming direct from the switchboard. Antenna coax cables had been wired into the house, earthed and ready to go underground to the wooded area. The study is nicely furnished and decorated with his many prized DX trophies and souvenirs. I have now seen my dream DX den, elegant, functional, interesting and a pleasure to be in.

Sunday 11 August saw me packing up along with my room mate Andy Rugg VA3TEE and by mid morning Harold and I were driving back to Toronto. Monday morning and I found myself back in Toronto and I resumed my wanderings around the city. I discovered the CBC headquarters, a most impressive and striking building containing a CBC souvenir shop and small CBC museum. The museum housed a collection of studio microphones, a display of CBC recording equipment used during WWII, and video footage of early CBC TV programmes. Of more interest to me was a small theatre continuously showing films of the Duke Ellington and Count Basie Jazz bands. The CBC like most

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other broadcaster around the world, is restructuring. Featured in the Toronto Globe and Mail newspaper were the headlines "CBC Radio Departments Merging."

On my return to Toronto I finally made contact with Tony Ward another ex-patriot New Zealander with whom I had spent many hours DXing at Whangaparaoa. Tony has been living near Toronto with his wife Janet and their daughter Kiri for a number of years. Tony has again taken up the hobby of DXing and specialises in propagation and South East Asian DX. This is the prime target area for many North American DXers and logging low frequency Indonesians and Papua New Guinea stations is the ultimate. I enjoyed a pleasant BBQ with Tony's family and Toronto DXer Cedric Marshall who later dropped me off at North York from where I took the subway home. The following day saw me flying home to New Zealand.

My trip was to see as much of Canada and NE USA as possible, but I did want to have the opportunity of meeting some of the North American DXers. In both respects I achieved my aim and in both cases was more than satisfied.

SOUTHLAND BRANCH: The May meeting was held at the residence of Arthur Williams, with twelve present, and welcome to Ron Harkness, who returned to the branch with the news that he has just purchased a new Drake receiver. Discussion covered spouting at Tiwai and the insurance of the contents of the building, and it was decided to hold the annual meeting at Stephen Greenyars with the wives attending for the Chinese meal and the Christmas meeting at Paul Aronsen's. A video taken from TV 1 on May the 20th in the Looking At New Zealand series filmed 30 years ago showed Arthur Cushen monitoring and at 4ZA doing a broadcast in 1967. The video is available on loan to branches. After discussing recent reception competition results were Broadcast: E MacAskill 2AM, Sydney and KFAB, Lincoln Nebraska, both awards. Shortwave over 9mHz:- S. Simon and John Poultney equal with Radio St Helena, Under 9mHz - award to be decided. Next meeting is to be at Dave Officer's 104 Black Road, Otatara on June 27th. Contact:- P. Aronsen Oh 235 8436

AUCKLAND BRANCH : The branch was represented at the funeral of member Errol Holling of Otara. Errol had been a member for a number of Years but had been unable to attend meetings due to ill health. Graeme Dixon gave news of his search for a DX site not too far from Auckland. and one which was satisfactory for an AGM. He and Barry Williams recommended an Auckland Regional Council site about an hours car ride from Auckland. This has a reasonable weekend rental and further details are to be obtained from ARC. Daniel Bloomfield spoke on the last DXpedition at Waipu Cove. with good reception conditions. Barry Williams introduced our guest speaker. Doug Giddens. an old time DXer. Doug spoke of his 3 1/2 years in a German POW camp. his aircraft having been shot down over Belgium. Doug has many memories of these years. especially the camaraderie among his fellow prisoners. He produced a receiver of the type which he operated in his Lancaster bomber, still going strong. Next meeting at Western Suburbs Radio clubrooms. 3000 New North Road. New Lynn. at 2 pm on Sunday 29 June. Contact Graeme Dixon 832-4366 Evan Murray 483-9543.

NEW ZEALAND RADIO DX LEAGUE INCORPORATED

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

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