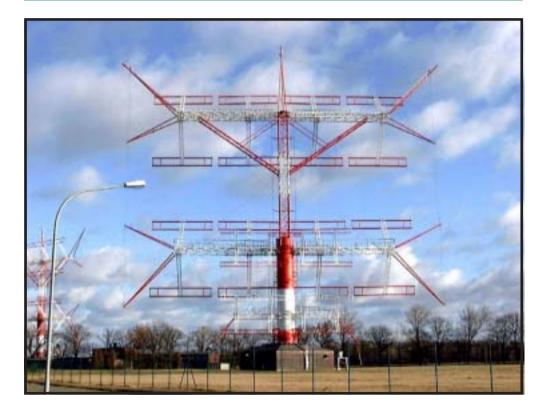


New Zealand DX Times

Monthly journal of the New Zealand Radio DX League (est. 1948) July 2003 - Volume 55 Number 9 <u>http://radiodx.com</u>





One of the many impressive T-Systems International Thomcast Rotatable Antennas at Nauen, Germany

NOTE.

Last month the DX Times was inadvertently shown with the incorrect month (July) and Volume Number (9). You may like to hand amend last months title to the correct detail. June 2003 - Volume 55 Number 8

Contribution deadline for next issue is Wed 6th August 2003 PO Box 3011, Auckland

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Antennas located at Wertachtal, Germany part of the T-Systems International antenna systems located at Juelich, Nauen and Wertachtal in Germany.



Photographs courtesty of T-Systems International via League member Ian Cattermole who is a monitor for T-Systems International.

bandwatch.under9@radiodx.com Compiled by Ken Baird, Christchurch



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

		Country Station Decarations & Decention Detaile
kHz	UTC 1845	Country, Station, Programme, & Reception Details
2325		AUSTRALIA, ABC Tennant Creek TC, interview with woman in EE, good ABD 2/7
2485	1850	AUSTRALIA, ABC Katherine fair/good with interview with woman ABD 2/7
3210	0508	USA, WWCR good in EE with relig prgm, low level background noise CC 29/6
3240	0253	SWAZILAND, TWR with IS at 0255, multiple EE IDs until s/on at 0300 in Shona,
0055		fair with relig talks until ID and close down at 0345 - # RAD 22/5
3255	0332	STH AFRICA, BBC Meyerton poor with news in EE - # RAD 19/5
3279.5	0953	ECUADOR, La Voz del Napo fair/good in Spanish/vernac with MA & variety of music, ID 1056 — KVB 11/6
3291.2	0825	GUYANA, V of Guyana (presumed) non-stop choir vocals until MA 0839.
		Mixture of talks and music, fair but very noisy making speech very hard to
		follow. Reactivation?? - # RAD 18/5
3300	0255	GUATEMALA, R Cultural end of Spanish segment, ID , EE relig prgm, fair - # RAD 28/5
	1023	GUATEMALA, R Cultural good in Spanish with MA, TCs, hymns, contemp.
		Music, full ID 1100 — KVB 22/6
3320	0323	STH AFRICA, R Sondergrense with mix of vocals and talk in Afrikaans, fair -
		# RAD 19/5
4005	1930	VATICAN, R Vaticana poor/fair no audible ID but clear IS — AJS 1/6
4052.4	1114	GUATEMALA, R Verdad poor/fair with gospel music till 1117, then ID, brief
		relic and more gospel — PWO 7/6
4604.9	1054	INDONESIA, RRI Serui poor/fair with ballads till 1100 then ID and news — PWO 7/6
	1001	INDONESIA, RRI Serui fair/poor in Indonesian, ethnic and pop music, MA,
		some QRN, ID 1005 — KVB 15/5
4635	2000	TAJIKISTAN, Tajik Radio poor/fair with talk then light opera music — PWO 8/6
4650.3	1056	BOLIVIA, R Santa Ana poor with communicados and heavy static ruining
		signal further — PWO 7/6
4747	0924	PERU, R Huanta fair in Spanish and Quechua with MA and Andean music,
		ID 0925 — KVB 21/5
4753.2	0926	INDONESIA, RRI Makassar poor/fair with talk in Indonesian, channel
		relatively clear — PWO 5/6
4765	0924	BRAZIL, R Rural poor to start, improved fair/good in Portuguese, MA, ads,
		Rooster, Drama, Ballads, children's choir, 0959 music box IS & ID — KVB 22/5
	1001	BRAZIL, R Integracao (tent) fair with ID but static crashes covering it — AJS 25/6
4770	0501	NIGERIA, R Nigeria poor in EE with relig and general talk, refs to Nigeria — KVB 12/6
4775	0514	SWAZILAND, TWR poor in EE with relig prgm, ID 0518 then gone by 0530 — PWO 30/5
4782.3	1928	MALI, ORTM Bamako poor in vernac with heavy ute QRM. Better on // 4835 PWO 8/6
		. ,

4789.1	1959	INDONESIA, RRI Fak Fak good with low modulation rendering copiability to
		20%. On June 27 had drifted up to 4790.1 kHz — PWO 12/6
4810	1953	ARMENIA, V of Armenia fair in EE with MA talking. ID and s/off 1958 KVB 30/5
4820	0250	BOTSWANA, R Botswana with IS, choral anthem, ID s/on announcements
		and news, fair - # RAD 22/5
4830	0433	HONDURAS, R Litoral poor with EE relig talk, following weekend heard on
		4832! — PWO 8/6
4832	0422	HONDURAS, R Litoral fair/good with relig prgm in EE — AD 22/6
4860	1756	INDIA, AIR Delhi good in EE and presumed Hindi with spoken prgm and
		ethnic music, ID 1800 — KVB 14/6
4870	0907	INDONESIA, RRI Sorong prgm Satu, fair in Indonesian with pop C&W and
		relig music, 0930 ID and IS — KVB 13/5
4877	1110	BOLIVIA, R La Cruz del Sur fair in Spanish with relig talk, ads, jingles, and
		prgm "Chaski Radial" ID 1132 — KVB11/6
4885	0431	BRAZIL, R Clube Do Para fair with ID then serteneja music — PWO 8/6
4890	0600	PERU, R Macedonia strong in Spanish, no sign of PNG at this time — IC 17/6
	0814	PNG, Port Moresby with Island music until 09800 when ID, EE news, sports
		and weather.Weak at first but fair at tune-out - # RAD 9/6
4904.7	0410	PERU, R La Oroya poor/fair with dedications, canned ID with heavy echo
		and chicha music — PWO 8/6
4905	1647	TIBET, Xizang PBS fair/good in EE with OM & YL speaking // 4920, 5240, &
		7385 the same — CC 16/6
4910	1907	ZAMBIA, R Zambia Lusaka poor with dramatic reading in vernac, also
		audible at 0500 with weak signals, recently re-activated — PWO 25/6
4915	0145	BRAZIL, R CBN Anhanguera first signal on 60mb, weak with talk in
		Portuguese — PWO 8/6
4930	0903	BOLIVIA, R San Miguel fair in Spanish with MA and local pops, good audio,
		ID 0924 — KVB 12/6
	1853	TURKMENISTAN???, Turmen Radio (tent) fair in Russian and presumed vernac
		with ballads, ethnic music, and spoken prgm, news. Tentative ID off the
		Internet — KVB 8/6
	2038	TURKMENISTAN, Turkmen Radio fair in EE with talk on Turkmen language,
		religion and culture, music interlude at 2043 followed by weather then back
		to Turkmen prgm 2044 — PWO 31/5
4940	0915	BOLIVIA, R Norte poor in Spanish — IC 6/6
4950	1855	SAO TOME VOA fair in EE with s/on and news, ID 1858 — KVB 18/5
4975	0225	PERU, R del Pacifico with Spanish relig prgm then IDs , lively vocals, more
1770	0220	talk, fair but noisy conditions - # RAD 5/6
	0903	COLOMBIA?? Unid stn fair/good in Spanish relig prgm with refs to Colombia,
	0700	heard until 0959 — KVB 15/5 (Possibly Ondas del Orteguaza, Florencia,
		from ILG Database, KAB)
4977	0930	BOLIVIA, La Cruz del Sur poor/fair at s/on, full details incl freqs, e-mail
7777	0700	address and short version of natl anthem followed by gospel — PWO 5/6
4985	0322	BRAZIL, R Brazil Central fair with talk in Portuguese incl ads, jingle IDs PWO 8/6
7705	0358	BRAZIL, R Central fair in Portuguese with MA, TC, ads, ballads and C&W
	0000	music, ID 0400 — KVB 8/6

	0843	BRAZIL, R Central poor/fair in Portuguese with talk and ballads, ID 0847.
5009.9	0330	Also heard oat 0353 on 31/5 — KVB 12/5 MADAGASCAR, R Madagascar good with church service, singing, steady
5010	1543	signal - # JB 15/6 INDIA, AIR Thiruvanathapuram (tent) fair/good in EE talk then into presumed
5010.5	1010	Hindi, MA/FA — KVB 31/5 ECUADOR??? Escuelas Radiofonicas (tent) fair in Spanish with animated MA, ads, Andean and Western music, possible ID 1029 — KVB 19/6
5025	0934	CUBA, R Rebelde fair with news items in Spanish, best on USB to avoid Solomon Is — PWO 5/6
5030	0530	BURKINA FASO, R dif Nacional fair in French with talk — PWO 8/6
	1940	BURKINA FASO R dif Nacional poor in French with talk — PWO 8/6
5034.2	0611	USA, WWRB poor with relig prgm better on 5050 & 5085 so this possibly a spur. Next night 5050 & 5085 both off — PWO 8/6
5046.7	0538	TOGO, RTV Togolaise presume the stn here with weak talk through a good carrier, plenty of static — PWO 9/6
5775	2000	ITALY, IRRS fair with EE relig prgm on this frequency shift — IC 23/6
5915	0243	ZAMBIA, ZNBC with Fisheagle IS until opening anthem 0250, MA/FA with
		ID and announcements at 0251. Group singing, poor - # RAD 20/5
5930	0100	SLOVALIA, R Slovakia Intl poor though clear in EE with talk about Bratislava // 6190 — PWO 8/6
5935	2100	TIBET, Xizang PBS Lhasa poor/fair carrying CNR1 prgm with modern Chinese
5705	2100	tunes // 4820, 7170 — PWO 13/6
5958.4	0900	COLOMBIA, Caracol Villavicencio with several IDs , news, field reports,
		drifting a bit. Also heard on 5/6 at 0900 with no ID at start, straight into
		news, down to 5958.2 by 0930 - # JB 3/6
5959	0928	COLOMBIA, R Caracol, Villavicencio, poor/fair in Spanish weak but fairly
		clear speech, news, ads, TC, YL interview, several IDs — KVB 12/6
5970	0800	BRAZIL, R Itatiaia poor with talk in Portuguese, fanfare on the hour and IDs PWO 16/6
	0823	BRAZIL, R Itatiaia vocal followed by long Portuguese talk, Ads, jingle ID,
E000	0150	more ads and more talk to 0830. TC at 0833, talk, and ID at 0900 - # RAD 9/6
5980 5985	0150 0428	BRAZIL, R Guaruja fair with 2 Mas in lively discussion — PWO 8/6 CONGO, R Congo FA with ID and opening announcements in French over
J70J	0420	marching band music, prgm of highlife vocals, fair/good prior to WYFR
		opening at 0455 with IS - # RAD 26/5
5995	0446	MOROCCO??, R Liberty fair in Russian with talk by OM with recorded EE
0,,0	0110	segments, US standards and pop music, ID 0500 — KVB 6/5
	2030	UK, RCI via Skelton good in EE — IC 18/6
6005	0200	GERMANY, Deutschlandradio , Berlin-Britz poor/fair with talk in German
		then opera music — PWO 8/6
	0410	ASCENSION IS BBC fair in EE with news, ID 0420 — KVB 17/6
	0421	GERMANY, Deutschland Radio, fair in German with Europops and MA with
		classical music, ID 0424, TS 0430 — KVB 12/5
	0650	ASCENSION IS, BBC WS in EE with African Service, fair - # JSB 11/6
6010	0900	BRAZIL, R Inconfidencia poor in Portuguese with co-channel QRM — IC 16/6
	2100	CHINA, CNR2 Xian poor/fair with Chinese opera music — PWO 13/6

6020.2	0619	PERU, La Voz de la Liberacion via R Victoria with Pentecostal relig prgm, fair
400E	0005	with distortion — PWO 8/6
6025	0905 1900	DOMINICAN REP, R Amanecer fair in Spanish with relig prgm — IC 6/6 HUNGARY, R Budapest fair in EE with multilingual IDs — AJS 15/6
6035	0240	COLOMBIA, La Voz del Guaviare with non-stop Latin vocals until ID and
0035	0240	close down, off with natl anthem, poor - # RAD 4/6
	0910	COLOMBIA, La Voz del Guaviare with full ID then anthem, good - # JB 5/6
6040	0156	BRAZIL, R Clube Paranaense poor/fair with lively talk show — PWO 8/6
0040	2312	BRAZIL, R Club Paranaense with Portuguese talk in A Voz do Brazil prgm
	2012	poor // 9695 (R Rio Mar) - # RAD 15/5
6042	0605	PERU, R Melodia good in Spanish, IDs at 0626 — IC 8/6
6055	2100	UK, NHK via Skelton v good in EE — IC 6/6
6060	0111	BRAZIL, R Tupi weak mixed with R Nacional Argentina with relig prgm in
	••••	Portuguese // 9565 — PWO 8/6
	0207	ARGENTINA, R Nacional now dominant over Tupi with radio drama — PWO 8/6
	0855	ARGENTINA, R Nacional good in Spanish, ID at 0900 — IC 10/6
	0933	ARGENTINA, R Nacional good in Spanish with OM speaking with several
		IDs — CC 12/6
6070	0920	CHILE, R Voz Cristiana good with OM speaking with ID in Spanish — CC 12/6
6085	0400	GERMANY, Bayerischer Rundfunk good in German with s/on ID, news, ads KVB 12/5
6090	2115	CHINA, CNR1 Xian poor/fair with Chinese pop music — PWO 13/6
6105	0154	BRAZIL, R Cancao Nova poor/fair in Portuguese gospel songs, EE ID by FA
		0459 then back to Portuguese — PWO 8/6
	0226	GERMANY, R Free Europe with Pop music until R Svoboda ID at 0230 followed
		by news in Russian, fair - # RAD 4/6
6110	0500	CANADA, NHK via Sackville good in EE — IC 16/6
6114.9	0627	PERU, R Union good with dance music, canned IDs — PWO 8/6
	0838	PERU, R Union fair in Spanish and vernac with strict tempo music and
(100	0005	huaynos, V animated MA, sound effects, ID 0904 — KVB 7/5
6130	0905	USA, R Marti v good in Spanish, not heard on this freq since — IC 10/6
6135	0114	BRAZIL, R Aparecida poor/fair with clear rosary in Portuguese // 9630 &
410E	0011	11830. Best Latin on 60mb at this time — PWO 8/6
6135	0844	BRAZIL, R Aparecida fair in Portuguese with ballad and samba music, ads, heavy QRM (tone) from 0900, ID 0852 — KVB 15/6
	1005	BRAZIL, R Aparacida good in Portuguese with MA/FA speaking with refs to
	1005	Brazil, some QRN — CC 5/6
6150.7	1930	NORTHERN CYPRUS, Bayrak Radio presume the weak signal here suffering
0150.7	1700	splash from Austria 6155 with very few announcements and back to back
		EE songs. Heard past 2100 but never strong enough to log, thanks to John
		Durham for tip. — PWO 1/6
6175	0340	CANADA, V of Vietnam fair in EE with MA with news, FA with ID at 0343,
		noisy — CC 6/6
6180	2100	SINGAPORE, NHK good in EE — IC 6/6
6185	0646	MEXICO, R Educacion with classical music, good ID at 0840 as R Educacion
		# JSB 10/6
	1359	CHINA, China Huayi Broadcasting Company fair in Chinese with EE ID just

 6170 6170 77330 — PW0 876 6200 0121 CZECH REP, R Progue poor though clear in EE — PW0 876 6210 0257 ETHIOPIA, R Fana IS with MA with Id then into Amharic news and music, fair/good with // 6940 poor/fair - # RAD 27/5 6215 0136 ETHIOPIA, R Fana with Horn of Africa music, Amharic talk by FA, ID 0330 with news, fair // 6940 poor/fair - # RAD 22/5 6215 0136 ARGENTINA, presumed R Baluarte Portuguese male vocals at 0136, fairly good, 0142 string of promos/ads alternating between Spanish and Portuguese, unable to decipher ID at 0200 - # JB 1776 6235 1957 RUSSIA, R Gardarika fair in Russian — IC 10/6 62040 RUSSIA, R Gardarika fair in Russian — IC 10/6 6258 0254 PIRATE (Euro) Crazy Wave Radio poor with techno music, ID at 0256 - # RAD 876 6350 0500 HAWAII, AFN fair in EE with overnight sports, baseball game. Gave 0800 number and Web address for call-ins - # JSB 21/6 6868 HAWAII, AFN on USB with sports results, ID at 0812 as AFN Sports, fair - # RAD 9/6 6834 HAWAII, AFN on USB with sports results, ID at 0812 as AFN Sports, fair - # RAD 9/6 6575 1900 NTH KOREA, V of Korea good with anthem — AJS 20/6 6585 4 1107 BOLVIA, R Nueva Esperanza poor/fair with communicados then what sounded like Spanish version of the "Tennesse Waltz" — PWO 7/6 6600 1122 CLANDESTINE, V of the People via KBS Sth Korea poor with talk in Korean, jamming from DPRK no doubt. Also audible under similar conditions on // 3912 — PWO 7/6 6937 1129 CHINA, Yunnan PBS poor/fair with MA & FA — PW0 8/6 6950 2034 USA, Grass Cutter Radio /Sunshine Radio on USB with music and ID, fair - # RAD 4/6 6955 2034 USA, Grass Cutter Radio /Sunshine Radio on USB with music and ID, fair - # RAD 4/6 6950 SAO TOME, R Sawa good in Arabic with Estern music, ID 1909 — KAB 23/6 7105 0430 RUSSIA, V of Russia good in Arabic with hards with ta	6190	0118	after 1400, mostly spoken prgm — PWO 7/6 SLOVAKIA, R Slovakia Intl poor though clear in EE talking about Bratislava
 6210 0257 ETHIOPIA, R Fana IS with MA with Id then into Amharic news and music, fair/good with // 6940 fair - # RAD 4/6 6316 ETHIOPIA, R Fana With Horn of Africa music, Amharic talk by FA, ID 0330 with news, fair // 6940 poor/fair - # RAD 22/5 6215 0136 ARGENTINA, presumed R Baluarte Portuguese male vocals at 0136, fairly good, 0142 string of promos/dds alternating between Spanish and Portuguese, unable to decipher ID at 0200 - # JB 17/6 6235 1957 RUSSIA, R Gardarika fair in Russian — IC 10/6 2040 RUSSIA, R Gardarika fair in Russian — IC 10/6 6258 0254 PIRATE (Euro) Crazy Wave Radio poor with techno music, ID at 0256 - # RAD 8/6 6350 0500 HAWAII, AFN fair in EE with overnight sports, baseball game. Gave 0800 number and Web address for call-ins - # JSB 21/6 6808 HAWAII, AFN Pearl Harbour v good on USB in EE with baseball results and comment ID 0835 — KVB 15/6 6575 1900 NTH KOREA, V of Korea good with anthem — AJS 20/6 6585.4 1107 BOLIVIA, R Nueva Esperanza poor/fair with Communicados then what sounded like Spanish version of the "Tennessee Woltz" — PWO 7/6 6600 1122 CLANDESTINE, V of the People via KBS Sth Korea poor with talk in Korean, jamming from DPRK no doubt. Also audible under similar conditions on // 3912 — PWO 7/6 6937 1129 CHINA, Yunnan PBS poor/fair with MMA & FA — PWO 8/6 6950 0301 USA, Græss Cutter Radio /Sunshine Radio on USB with music and ID, fair - # RAD 4/6 6955.2 0344 USA, WMPR rock music and MA with ID, fair/good - # RAD 24/5 7105 2045 GREECE, R Sawa via Kavala good in Arabic, off 2100 — IC 18/6 1901 SAO TOME, R Sawa good in Arabic with Eastern music, ID 1909 — KAB 23/6 7120 0422 STH AFRECA, BBC WS fair in EE with sports news, ID 0429 then into Afro music — KVB 28/5 7130 TUNISIA, VI Russia good in EE with item on Orthodox Church — RP 17/3 7155 1900 THAILAND, R Thailand good with news — AJS 27/6 7100 TUNISIA, RIV	0170	0110	
 fair/good with // 6940 fair - # RAD 4/6 0316 ETHIOPIA, R Fana with Horn of Africa music, Amharic talk by FA, ID 0330 with news, fair // 6940 poor/fair - # RAD 22/5 6215 0136 ARGENTINA, presumed R Baluarte Portuguese male vocals at 0136, fairly good, 0142 string of promos/das alternating between Spanish and Portuguese, unable to decipher ID at 0200 - # JB 17/6 6235 1957 RUSSIA, R Gardarika fair in Russian — IC 10/6 6275.8 0254 PIRATE (Euro) Crazy Wave Radio poor with techno music, ID at 0256 - # RAD 8/6 6350 0500 HAWAII, AFN tair in EE with overnight sports, baseball game. Gave 0800 number and Web address for call-ins - # JSB 21/6 0808 HAWAII, AFN on USB with sports results, ID at 0812 as AFN Sports, fair - # RAD 9/6 0834 HAWAII, AFN Pearl Harbour v good on USB in EE with baseball results and comment ID 0835 — KVB 15/6 6575 1900 NTH KOREA, V of Korea good with anthem — AJS 20/6 6585.4 1107 BOLIVIA, R Nueva Esperanza poor/fair with communicados then what sounded like Spanish version of the "Tennessee Waltz" — PWO 7/6 6600 1122 CLANDESTINE, V of the People via KBS 5th Korea poor with talk in Korean, jamming from DPRK no doubt. Also audible under similar conditions on // 3912 — PWO 7/6 6925.4 0309 PIRATE (US) Unid with various music and MA difficult to understand, possibly ironman Radio?? - # RAD 24/5 6937 1129 CHINA, Yunnan PBS poor/fair with MA & FA — PWO 8/6 6955.0 0301 USA, WMPR rock music and MA with ID, fair/good - # RAD 24/5 7105 2045 GREECE, R Sawa via Kavala good in Arabic, off 2100 — IC 18/6<td></td><td></td><td></td>			
 0316 ETHIOPIA, R Fana with Horn of Africa music, Amharic talk by FA, ID 0330 with news, fair // 6940 poor/fair - # RAD 22/5 6215 0136 ARGENTINA, presumed R Baluarte Portuguese male vocals at 0136, fairly good, 0142 string of promos/dds alternating between Spanish and Portuguese, unable to decipher ID at 0200 - # JB 17/6 6235 1957 RUSSIA, R Gardarika fair in Russian — IC 10/6 6275.8 0254 PIRATE [Euro] Crazy Wave Radio poor with techno music, ID at 0256 - # RAD 8/6 6350 0500 HAWAII, AFN fair in EE with overnight sports, baseball game. Gave 0800 number and Web address for call-ins - # JSB 21/6 688 HAWAII, AFN nu USB with sports results, ID at 0812 as AFN Sports, fair - # RAD 9/6 6834 HAWAII, AFN Pearl Harbour v good on USB in EE with baseball results and comment ID 0835 — KVB 15/6 6575 1900 NTH KOREA, V of Korea good with anthem — AJS 20/6 6585.4 1107 BOLIVIA, R Nueve Esperanza poor/fair with communicados then what sounded like Spanish version of the "Tennessee Waltz" — PWO 7/6 6600 1122 CLANDESTINE, V of the People via KBS Sth Korea poor with talk in Korean, jamming from DPRK no doubt. Also audible under similar conditions on // 3912 — PWO 7/6 6925.4 0309 PIRATE (US) Unid with various music and MA difficult to understand, possibly Ironman Radio? - # RAD 24/5 6937 1129 CHINA, Yunnan PBS poor/fair with MA & FA — PWO 8/6 6950 304 USA, Grass Cutter Radio /Sunshine Radio on USB with music and ID, fair - # RAD 4/6 6955.2 0304 USA, WMPR rock music and MA with 1D, fair/good - # RAD 24/5 7105 Q42 STH ARG R Sawa good in Arabic with Eastern music, ID 1909 — KAB 23/6 7120 0422 STH ARGIO SUNShine Radio son With MA/FA with talk, Russian states mentioned — KAB 23/6 7120 0422 STH ARGIO SUNShine RUSS and with haver AJS 207/6 7120 0422 STH ARELCA, BBC WS fair in EE with sports news, ID 0429 then into	6210	0257	
 6215 0136 ARGENTINA, presumed R Baluarte Portuguese male vocals at 0136, fairly good, 0142 string of promos/dds afternating between Spanish and Portuguese, unable to decipher ID at 0200 - # JB 17/6 6235 1957 RUSSIA, R Gardarika fair in Russian — IC 10/6 6240 RUSSIA, R Gardarika with ID, music and talk, poor with ute QRM — KAB 10/6 6275.8 0254 PIRATE (Euro) Crazy Wave Radio poor with techno music, ID at 0256 - # RAD 8/6 6350 0500 HAWAII, AFN fair in EE with overnight sports, baseball game. Gave 0800 number and Web address for call-ins - # JSB 21/6 6408 HAWAII, AFN on USB with sports results, ID at 0812 as AFN Sports, fair - # RAD 9/6 6575 1900 NTH KOREA, V of Korea good with anthem — AJS 20/6 6585.4 1107 BOLIVIA, R Nueva Esperanza poor/fair with communicados then what sounded like Spanish version of the "Tennessee Waltz" — PWO 7/6 6600 1122 CLANDESTINE, V of the People via KBS Sth Korea poor with talk in Korean, jamming from DPRK no doubt. Also audible under similar conditions on // 3912 — PWO 7/6 6937 1129 CHINA, Yunnan PBS poor/fair with MA & FA — PWO 8/6 6950 0301 USA, Grass Cutter Radio /Sunshine Radio on USB with music, and ID, fair - # RAD 4/6 6955.2 0304 USA, WMPR rock music and MA with ID, fair/good - # RAD 24/5 7115 1911 GERMANY, R Free Europe good in Arabic; off 2100 — IC 18/6 7120 0422 STH AFRIC & Sava good in Arabic with fastern music, ID 1909 — KAB 23/6 7125 0430 RUSSIA, V of Russia good in EW with sports news, ID 0429 then into Afro music — KYB 28/5 7126 0430 RUSSIA, V of Russia good in EW with sports news, ID 0429 then into Afro music — KYB 28/5 7125 0430 RUSSIA, V of Russia good in EW with herm on Orthodox Church — RP 17/3 7155 1900 THALLAR, BOL WS fair in EE with sports news, ID 0429 then into Afro music — KYB 28/5 7125 0430 RUSSIA, V of Russia good i		0316	ETHIOPIA, R Fana with Horn of Africa music, Amharic talk by FA, ID 0330
 good, 0142 string of promos/ads alternating between Spanish and Portuguese, unable to decipher ID at 0200 - # JB 17/6 for RUSSIA, R Gardarika arit in Russian — IC 10/6 RUSSIA, R Gardarika with ID, music and talk, poor with ute QRM — KAB 10/6 RISSIA, R Gardarika with ID, music and talk, poor with ute QRM — KAB 10/6 PIRATE (Euro) Crazy Wave Radio poor with techno music, ID at 0256 - # RAD 8/6 HAWAII, AFN fair in EE with overnight sports, baseball game. Gave 0800 number and Web address for call-ins - # JSB 21/6 HAWAII, AFN on USB with sports results, ID at 0812 as AFN Sports, fair - # RAD 9/6 HAWAII, AFN Pearl Harbour v good on USB in EE with baseball results and comment ID 0835 — KVB 15/6 NTH KOREA, V of Korea good with anthem — AJS 20/6 6585.4 1107 BOLIVIA, R Nueva Esperanza poor/fair with communicados then what sounded like Spanish version of the "Tennessee Waltz" — PWO 7/6 CLANDESTINE, V of the People via KBS 5th Korea poor with talk in Korean, jamming from DPRK no doubt. Also audible under similar conditions on // 3912 — PWO 7/6 CHINA, Yunnan PBS poor/fair with MA & FA — PWO 8/6 G955.2 0304 USA, Grass Cutter Radio /Sunshine Radio on USB with music and ID, fair - # RAD 4/6 G955.2 0304 USA, GREECE, R Sawa good in Arabic, off 2100 — IC 18/6 SAO TOME, R Sawa good in Arabic with Eastern music, ID 1909 — KAB 23/6 SAO TOME, R Sawa good in Arabic with sports news, ID 0429 then into Afro music — KVB 28/5 CH30 RUSSIA, V of Russia good in EE with hitem on Orthodox Church — RP 17/3 THALLAND, R Thailand good with news — ALS 27/6 THALLAND, R Thailand good with hews — ALS 27/6 THALLAND, R Thailand good with hews — ALS 27/6 THALLAND, R Thailand good with hews — ALS 27/6 THALLAND, R Thailand good with hews — ALS 27/6 THA	6015	0126	
 6235 1957 RUSSIA, R Gardarika fair in Russian — IC 10/6 2040 RUSSIA, R Gardarika with ID, music and talk, poor with ute QRM — KAB 10/6 6275.8 0254 PIRATE (Euro) Crazy Wave Radio poor with techno music, ID at 0256 - # RAD 8/6 6350 0500 HAWAII, AFN fair in EE with overnight sports, baseball game. Gave 0800 number and Web address for call-ins - # JSB 21/6 0808 HAWAII, AFN on USB with sports results, ID at 0812 as AFN Sports, fair - # RAD 9/6 0834 HAWAII, AFN Pearl Harbour v good on USB in EE with baseball results and comment ID 0835 — KVB 15/6 6575 1900 NTH KOREA, V of Korea good with anthem — AJS 20/6 6585.4 1107 BOLIVIA, R Nueva Esperanza poor/fair with communicados then what sounded like Spanish version of the "Tennessee Waltz" — PWO 7/6 6600 1122 CLANDESTINE, V of the People via KBS 5th Korea poor with talk in Korean, jamming from DPRK no doubt. Also audible under similar conditions on // 3912 — PWO 7/6 6925.4 0309 PIRATE (US) Unid with various music and MA difficult to understand, possibly Ironman Radio? - # RAD 24/5 6937 1129 CHINA, Yunnan PBS poor/fair with MA & FA — PWO 8/6 6955 0301 USA, Grass Cutter Radio /Sunshine Radio on USB with music and ID, fair - # RAD 4/6 6955 SAO TOME, R Sawa good in Arabic with Eastern music, ID 1909 — KAB 23/6 7115 1911 GERMANY, R Free Europe good in Russian with MA/FA with talk, Russian states mentioned — KAB 23/6 7120 0422 STH AFRICA, BBC WS fair in EE with sports news, ID 0429 then into Afro music — KVB 28/5 7125 0430 RUSSIA, V of Russia good in Et with item on Orthodox Church — RP 17/3 7155 1900 THAILAND, R Thailand good with news — AJS 27/6 7169 2015 GERMANY, N Fuein IS followed by Natl Anthem, 0502 opening ID in French, music, prgm details, fair with talk carrying CNR prgms // 4820 & 5935 PWO 13/6 7120 0434 GERMANY, D Welle fair in EE with Maibag Prgm // 11945 better — KAB 23/6 7120 0434 GE	0215	0130	
 RUSSIA, R Gardarika with ID, music and talk, poor with ute QRM — KAB 10/6 PIRATE (Euro) Crazy Wave Radio poor with techno music, ID at 0256 - # RAD 8/6 HAWAII, AFN fair in EE with overnight sports, baseball game. Gave 0800 number and Web address for call-ins - # JSB 21/6 BAWAII, AFN on USB with sports results, ID at 0812 as AFN Sports, fair - # RAD 9/6 HAWAII, AFN Pearl Harbour v good on USB in EE with baseball results and comment ID 0835 — KVB 15/6 NTH KOREA, V of Korea good with anthem — AJS 20/6 BOLIVIA, R Nueva Esperanza poor/fair with communicados then what sounded like Spanish version of the "Tennessee Waltz" — PWO 7/6 CLANDESTINE, V of the People via KBS 5th Korea poor with talk in Korean, jamming from DPRK no doubt. Also audible under similar conditions on // 3912 — PWO 7/6 PRATE (US) Unid with various music and MA difficult to understand, possibly Ironman Radio?? - # RAD 24/5 USA, Grass Cutter Radio /Sunshine Radio on USB with music and ID, fair - # RAD 4/6 Q455.2 0304 USA, GREECE, R Sawa via Kavala good in Arabic, off 2100 — IC 18/6 SAO TOME, R Sawa good in Arabic with Eastern music, ID 1909 — KAB 23/6 GREECE, R Sawa via Kavala good in Arabic, with talk, Russian states mentioned — KAB 23/6 GHMANY, R Free Europe good in Russian with MA/FA with talk, Russian states mentioned — KAB 23/6 GU30 TH AFRICA, BBC WS fair in EE with sports news, ID 0429 then into Afro music — KVB 28/5 RUSSIA, V of Russia good in Arabic with chanting // 7275 the same CC 15/6 UNISIA, RTV Tunisienne good in Arabic with chanting // 7275 the same CC 15/6 UNISIA, RTV Innisienne good in Arabic with chanting // 7275 the same CC 15/6 UNISIA, RTV Enein IS followed by Natl Anthem, 0502 opening ID in French, music, prgm details, fair with trigm of French pop vocals - # RAD 26/5 GERMANY			
 6275.8 0254 PIRATE (Euro) Crazy Wave Radio poor with techno music, ID at 0256 - # RAD 8/6 6350 0500 HAWAII, AFN fair in EE with overnight sports, baseball game. Gave 0800 number and Web address for call-ins - # JSB 21/6 0808 HAWAII, AFN on USB with sports results, ID at 0812 as AFN Sports, fair - # RAD 9/6 0834 HAWAII, AFN Pearl Harbour v good on USB in EE with baseball results and comment ID 0835 — KVB 15/6 6575 1900 NTH KOREA, V of Korea good with anthem — AJS 20/6 6585.4 1107 BOLIVIA, R Nueva Esperanza poor/fair with communicados then what sounded like Spanish version of the "Tennessee Waltz" — PWO 7/6 6600 1122 CLANDESTINE, V of the People via KBS 5th Korea poor with talk in Korean, jamming from DPRK no doubt. Also audible under similar conditions on // 3912 — PWO 7/6 6925.4 0309 PIRATE (US) Unid with various music and MA difficult to understand, possibly Ironman Radio?? - # RAD 24/5 6937 1129 CHINA, Yunnan PBS poor/fair with MA & FA — PWO 8/6 6950 0301 USA, Grass Cutter Radio /Sunshine Radio on USB with music and ID, fair - # RAD 4/6 6955.2 0304 USA, WMPR rock music and MA with ID, fair/good - # RAD 24/5 7105 2045 GREECE, R Sawa via Kavala good in Arabic, off 2100 — IC 18/6 1910 GERMANY, R Free Europe good in Russian with MA/FA with talk, Russian states mentioned — KAB 23/6 7120 0422 STH AFRICA, BBC WS fair in EE with sports news, ID 0429 then into Afro music — KVB 28/5 7125 0430 RUSSIA, V of Russia good in EE with item on Orthodox Church — RP 17/3 7155 1900 THAILAND, R Thailand good with news — AJS 27/6 7170 2100 TIBET, Xizang PBS poor/fair with talk carrying CNR prgms // 4820 & 5935 PWO 13/6 7190 0509 TUNISIA, RTV Tunisienne good in Arabic with chanting // 7275 the same CC 15/6 7150 2043 GERMANY, D Welle fair in EE with Mailbag Prgm // 11945 better — KAB 23/6 7190 0509 TUNISIA, RTV Innisienne good in Arabic with chanting //	6235		
 6350 0500 HAWAII, AFN fair in EE with overnight sports, baseball game. Gave 0800 number and Web address for call-ins - # JSB 21/6 0808 HAWAII, AFN on USB with sports results, ID at 0812 as AFN Sports, fair - # RAD 9/6 0834 HAWAII, AFN Dearl Harbour v good on USB in EE with baseball results and comment ID 0835 — KVB 15/6 6575 1900 NTH KOREA, V of Korea good with anthem — AJS 20/6 6585.4 1107 BOLIVIA, R Nueva Esperanza poor/fair with communicados then what sounded like Spanish version of the "Tennessee Waltz" — PWO 7/6 6600 1122 CLANDESTINE, V of the People via KBS 5th Korea poor with talk in Korean, jamming from DPRK no doubt. Also audible under similar conditions on // 3912 — PWO 7/6 6925.4 0309 PIRATE (US) Unid with various music and MA difficult to understand, possibly Ironman Radio?? - # RAD 24/5 6937 1129 CHINA, Yunnan PBS poor/fair with MA & FA — PWO 8/6 6950 0301 USA, Grass Cutler Radio /Sunshine Radio on USB with music and ID, fair - # RAD 4/6 6955.2 0304 USA, WMPR rock music and MA with ID, fair/good - # RAD 24/5 7105 2045 GREECE, R Sawa good in Arabic with Eastern music, ID 1909 — KAB 23/6 7115 1911 GERMANY, R Free Europe good in Russian with MA/FA with talk, Russian states mentioned — KAB 23/6 7120 0422 STH AFRICA, BBC WS fair in EE with sports news, ID 0429 then into Afro music — KVB 28/5 7125 0430 RUSSIA, V of Russia good in EE with item on Orthodox Church — RP 17/3 7155 1900 THAILAND, R Thailand good with news — AJS 27/6 7170 2100 TIBET, Xizang PBS poor/fair with talk carrying CNR prgms // 4820 & 5935 PWO 13/6 7190 0509 TUNISIA, RTV Tunisienne good in Arabic with chanting // 7275 the same CC 15/6 7190 0509 TUNISIA, RTV Benin IS followed by Natl Anthem, 0502 opening ID in French, music, prgm details, fair with Mailbag Prgm // 11945 better — KAB 23/6 7115 0434 GERMANY, D Welle fair in EE with Mailbag Prgm // 11945 better — KAB 2	(075.0		
 number and Web address for call-ins - # JSB 21/6 NBM HAWAII, AFN on USB with sports results, ID at 0812 as AFN Sports, fair - # RAD 9/6 HAWAII, AFN Pearl Harbour v good on USB in EE with baseball results and comment ID 0835 — KVB 15/6 F757 1900 NTH KOREA, V of Korea good with anthem — AJS 20/6 6585.4 1107 BOLIVIA, R Nueva Esperanza poor/fair with communicados then what sounded like Spanish version of the "Tennessee Waltz" — PWO 7/6 CLANDESTINE, V of the People via KBS 5th Korea poor with talk in Korean, jamming from DPRK no doubt. Also audible under similar conditions on // 3912 — PWO 7/6 6925.4 0309 PIRATE (US) Unid with various music and MA difficult to understand, possibly Ironman Radio?? - # RAD 24/5 6937 1129 CHINA, Yunnan PBS poor/fair with MA & FA — PWO 8/6 6950 0301 USA, Grass Cutler Radio /Sunshine Rado on USB with music and ID, fair - # RAD 4/6 6955.2 0304 USA, WMPR rock music and MA with ID, fair/good - # RAD 24/5 7105 2045 GERECE, R Sawa good in Arabic with Eastern music, ID 1909 — KAB 23/6 7115 1911 GERMANY, R Free Europe good in Russian with MA/FA with talk, Russian states mentioned — KAB 23/6 7120 0422 STH AFRICA, BBC WS fair in EE with sports news, ID 0429 then into Afro music — KVB 28/5 7125 0430 RUSSIA, V of Russia good in Arabic with canting // 7275 the same CC 15/6 7170 2105 118ET, Xizang PBS poor/fair with talk carrying CNR prgms // 4820 & 5935 PWO 13/6 7190 0509 TUNISIA, RTV Tunisienne good in Arabic with chanting // 7275 the same CC 15/6 7125 0434 GERMANY, D Welle fair in EE with Mailbag Prgm // 11945 better — KAB 23/6 7125 0434 GERMANY, D Welle fair in EE with Maibag Prgm // 11945 better — KAB 23/6<			
 HAWAII, AFN on USB with sports results, ID at 0812 as AFN Sports, fair - # RAD 9/6 HAWAII, AFN Pearl Harbour v good on USB in EE with baseball results and comment ID 0835 — KVB 15/6 MTH KOREA, V of Korea good with anthem — AJS 20/6 BOLIVIA, R Nueva Esperanza poor/fair with communicados then what sounded like Spanish version of the "Tennessee Waltz" — PWO 7/6 CLANDESTINE, V of the People via KBS 5th Korea poor with talk in Korean, jamming from DPRK no doubt. Also audible under similar conditions on // 3912 — PWO 7/6 CLANDESTINE, V of the People via KBS 5th Korea poor with talk in Korean, jamming from DPRK no doubt. Also audible under similar conditions on // 3912 — PWO 7/6 PWO 7/6 PIRATE (US) Unid with various music and MA difficult to understand, possibly Ironman Radio?? - # RAD 24/5 CHINA, Yunnan PBS poor/fair with MA & FA — PWO 8/6 USA, Grass Cutter Radio /Sunshine Radio on USB with music and ID, fair - # RAD 4/6 SAO TOME, R Sawa good in Arabic, off 2100 — IC 18/6 SAO TOME, R Sawa good in Arabic with Eastern music, ID 1909 — KAB 23/6 T120 0422 STH AFRICA, BBC WS fair in EE with sports news, ID 0429 then into Afro music — KVB 28/5 T125 0430 RUSSIA, V of Russia good in Et with item on Orthodox Church — RP 17/3 T155 1900 THAILAND, R Thailand good with news — AJS 27/6 T170 2100 TIBET, Xizang PBS poor/fair with talk carrying CNR prgms // 4820 & 5935 PWO 13/6 T190 0509 TUNISIA, RTV Tunisienne good in Arabic with chanting // 7275 the same CC 15/6 T120 0434 GERMANY, D Welle fair in EE with hypern of French pop vocals - # RAD 26/5 T225 0434 GERMANY, D Welle fair in Et with Mailbag Prgm // 11945 better — KAB 23/6 T190 0509 TUNISIA, RTV Tunisienne good in Arabic with chanting // 7275 the same CC 15/6 T191 UNSIA, RTV Benin IS followed by Natl Anthem, 0502 opening ID in French, music, prgm details, fair with prgm of French pop vocal	0350	0500	
 HAWAII, AFN Pearl Harbour v good on USB in EE with baseball results and comment ID 0835 — KVB 15/6 NTH KOREA, V of Korea good with anthem — AJS 20/6 BOLIVIA, R Nueva Esperanza poor/fair with communicados then what sounded like Spanish version of the "Tennessee Waltz" — PWO 7/6 CLANDESTINE, V of the People via KBS Sth Korea poor with talk in Korean, jamming from DPRK no doubt. Also audible under similar conditions on // 3912 — PWO 7/6 PIRATE (US) Unid with various music and MA difficult to understand, possibly Ironman Radio?? - # RAD 24/5 CHINA, Yunnan PBS poor/fair with MA & FA — PWO 8/6 G937 1129 CHINA, Yunnan PBS poor/fair with MA & FA — PWO 8/6 G950 0301 USA, Grass Cutter Radio /Sunshine Radio on USB with music and ID, fair - # RAD 4/6 G955.2 0304 USA, WMPR rock music and MA with ID, fair/good - # RAD 24/5 GREECE, R Sawa via Kavala good in Arabic, off 2100 — IC 18/6 SAO TOME, R Sawa good in Arabic with Eastern music, ID 1909 — KAB 23/6 T120 0422 STH AFRICA, BBC WS fair in EE with sports news, ID 0429 then into Afro music — KVB 28/5 T120 0422 STH AFRICA, BBC WS fair in EE with item on Orthodox Church — RP 17/3 T155 1900 THAILAND, R Thailand good with news — AJS 27/6 T170 2100 TIBET, Xizang PBS poor/fair with talk carrying CNR prgms // 4820 & 5935 PWO 13/6 T190 5009 TUNISIA, RTV Tunisienne good in Arabic with chanting // 7275 the same CC 15/6 T215 UK, R Sawa via Wofferton v good in Arabic — IC 6/6 T215 UK, R Sawa via Wofferton v good in Arabic — IC 6/6 T115 UK, R Sawa via Wofferton v good in Arabic with chanting // 7275 the same CC 15/6 T225 0434 GERMANY, D Welle fair in EE with Mailbag Prgm // 11945 better — KAB 23/6 T225 0434 GERMANY, D Welle fair in E with Mailbag Prgm // 11945 better — KAB 23/6 		0808	
 comment ID 0835 — KVB 15/6 6575 1900 NTH KOREA, V of Korea good with anthem — AJS 20/6 6585.4 1107 BOLIVIA, R Nueva Esperanza poor/fair with communicados then what sounded like Spanish version of the "Tennessee Waltz" — PWO 7/6 6600 1122 CLANDESTINE, V of the People via KBS 5th Korea poor with talk in Korean, jamming from DPRK no doubt. Also audible under similar conditions on // 3912 — PWO 7/6 6925.4 0309 PIRATE (US) Unid with various music and MA difficult to understand, possibly Ironman Radio?? - # RAD 24/5 6937 1129 CHINA, Yunnan PBS poor/fair with MA & FA — PWO 8/6 6950 0301 USA, Grass Cutter Radio /Sunshine Radio on USB with music and ID, fair - # RAD 4/6 6955.2 0304 USA, WMPR rock music and MA with ID, fair/good - # RAD 24/5 GREECE, R Sawa via Kavala good in Arabic, off 2100 — IC 18/6 1905 SAO TOME, R Sawa good in Arabic with Eastern music, ID 1909 — KAB 23/6 7115 1911 GERMANY, R Free Europe good in Russian with MA/FA with talk, Russian states mentioned — KAB 23/6 7120 0422 STH AFRICA, BBC WS fair in EE with sports news, ID 0429 then into Afro music — KVB 28/5 7125 0430 RUSSIA, V of Russia good in EE with hitem on Orthodox Church — RP 17/3 7155 1900 THAILAND, R Thailand good with news — AJS 27/6 7170 2100 TIBET, Xizang PBS poor/fair with talk carrying CNR prgms // 4820 & 5935 PWO 13/6 7190 0509 TUNISIA, RTV Tunisenne good in Arabic with chanting // 7275 the same CC 15/6 715 UK, R Sawa via Wofferton v good in Arabic — IC 6/6 7103 0500 BENIN, RTV Benin IS followed by Natl Anthem, 0502 opening ID in French, music, prgm details, fair with prgm of French pop vocals - # RAD 26/5 7225 0434 GERMANY, D Welle fair in EE with Mailbag Prgm // 11945 better — KAB 23/6 7225 1917 CHINA, CRI fair in German with mass choir singing, two MAs talking, ID 			
 6575 1900 NTH KOREA, V of Korea good with anthem — AJS 20/6 6585.4 1107 BOLIVIA, R Nueva Esperanza poor/fair with communicados then what sounded like Spanish version of the "Tennessee Waltz" — PWO 7/6 6600 1122 CLANDESTINE, V of the People via KBS 5th Korea poor with talk in Korean, jamming from DPRK no doubt. Also audible under similar conditions on // 3912 — PWO 7/6 6925.4 0309 PIRATE (US) Unid with various music and MA difficult to understand, possibly Ironman Radio?? - # RAD 24/5 6937 1129 CHINA, Yunnan PBS poor/fair with MA & FA — PWO 8/6 6950 0301 USA, Grass Cutter Radio /Sunshine Radio on USB with music and ID, fair - # RAD 4/6 6955.2 0304 USA, WMPR rock music and MA with ID, fair/good - # RAD 24/5 7105 2045 GREECE, R Sawa via Kavala good in Arabic, off 2100 — IC 18/6 1905 SAO TOME, R Sawa good in Arabic with Eastern music, ID 1909 — KAB 23/6 7120 0422 STH AFRICA, BBC WS fair in EE with sports news, ID 0429 then into Afro music — KVB 28/5 7120 0430 RUSSIA, V of Russia good in EE with item on Orthodox Church — RP 17/3 7155 1900 THAILAND, R Thailand good with news — AJS 27/6 7170 2100 TIBET, Xizang PBS poor/fair with talk carrying CNR prgms // 4820 & 5935 PWO 13/6 7195 2115 UK, R Sawa via Wofferton v good in Arabic — IC 6/6 72103 0500 BENIN, RTV Ennis IS followed by Natl Anthem, 0502 opening ID in French, music, prgm details, fair with prgm of French pop vocals - # RAD 26/5 7225 0434 GERMANY, D Welle fair in EE with Mailbag Prgm // 11945 better — KAB 23/6 		0001	
 6585.4 1107 BOLIVIA, R Nueva Esperanza poor/fair with communicados then what sounded like Spanish version of the "Tennessee Waltz" — PWO 7/6 6600 1122 CLANDESTINE, V of the People via KBS 5th Korea poor with talk in Korean, jamming from DPRK no doubt. Also audible under similar conditions on // 3912 — PWO 7/6 6925.4 0309 PIRATE (US) Unid with various music and MA difficult to understand, possibly Ironman Radio?? - # RAD 24/5 6937 1129 CHINA, Yunnan PBS poor/fair with MA & FA — PWO 8/6 6950 0301 USA, Grass Cutter Radio /Sunshine Radio on USB with music and ID, fair - # RAD 4/6 6955.2 0304 USA, Grass Cutter Radio /Sunshine Radio on USB with music and ID, fair - # RAD 4/6 1905 2045 GREECE, R Sawa via Kavala good in Arabic, off 2100 — IC 18/6 1905 SAO TOME, R Sawa good in Arabic with Eastern music, ID 1909 — KAB 23/6 7115 1911 GERMANY, R Free Europe good in Russian with MA/FA with talk, Russian states mentioned — KAB 23/6 7120 0422 STH AFRICA, BBC WS fair in EE with sports news, ID 0429 then into Afro music — KVB 28/5 7125 0430 RUSSIA, V of Russia good in EE with item on Orthodox Church — RP 17/3 7155 1900 THAILAND, R Thailand good with news — AJS 27/6 7170 2100 TIBET, Xizang PBS poor/fair with talk carrying CNR prgms // 4820 & 5935 PWO 13/6 7190 0509 TUNISIA, RTV Tunisienne good in Arabic with chanting // 7275 the same CC 15/6 7125 0434 GERMANY, D Welle fair in EE with Mailbag Prgm // 11945 better — KAB 23/6 7125 0434 GERMANY, D Welle fair in EE with Mailbag Prgm // 11945 better — KAB 23/6 	6575	1900	
 CLANDESTINE, V of the People via KBS 5th Korea poor with talk in Korean, jamming from DPRK no doubt. Also audible under similar conditions on // 3912 — PWO 7/6 PIRATE (US) Unid with various music and MA difficult to understand, possibly Ironman Radio?? - # RAD 24/5 CHINA, Yunnan PBS poor/fair with MA & FA — PWO 8/6 CHINA, Yunnan PBS poor/fair with MA & FA — PWO 8/6 USA, Grass Cutter Radio /Sunshine Radio on USB with music and ID, fair - # RAD 4/6 G955.2 0304 USA, Grass Cutter Radio /Sunshine Radio on USB with music and ID, fair - # RAD 4/6 G955.2 0304 USA, WMPR rock music and MA with ID, fair/good - # RAD 24/5 GREECE, R Sawa via Kavala good in Arabic, off 2100 — IC 18/6 SAO TOME, R Sawa good in Arabic with Eastern music, ID 1909 — KAB 23/6 SAO TOME, R Free Europe good in Russian with MA/FA with talk, Russian states mentioned — KAB 23/6 GT120 O422 STH AFRICA, BBC WS fair in EE with sports news, ID 0429 then into Afro music — KVB 28/5 RUSSIA, V of Russia good in EE with item on Orthodox Church — RP 17/3 T155 I900 THAILAND, R Thailand good with news — AJS 27/6 T103.3 0500 BENIN, RTV Benin IS followed by Natl Anthem, 0502 opening ID in French, music, prgm details, fair with prgm of French pop vocals - # RAD 26/5 GERMANY, D Welle fair in EE with Mailbag Prgm // 11945 better — KAB 23/6 CHINA, CRI fair in German with mass choir singing, two MAs talking, ID 	6585.4	1107	
 jamming from DPRK no doubt. Also audible under similar conditions on // 3912 — PWO 7/6 6925.4 0309 PIRATE (US) Unid with various music and MA difficult to understand, possibly Ironman Radio?? - # RAD 24/5 6937 1129 CHINA, Yunnan PBS poor/fair with MA & FA — PWO 8/6 6950 0301 USA, Grass Cutter Radio /Sunshine Radio on USB with music and ID, fair - # RAD 4/6 6955.2 0304 USA, WMPR rock music and MA with ID, fair/good - # RAD 24/5 7105 2045 GREECE, R Sawa via Kavala good in Arabic, off 2100 — IC 18/6 1905 SAO TOME, R Sawa good in Arabic with Eastern music, ID 1909 — KAB 23/6 7115 1911 GERMANY, R Free Europe good in Russian with MA/FA with talk, Russian states mentioned — KAB 23/6 7120 0422 STH AFRICA, BBC WS fair in EE with sports news, ID 0429 then into Afro music — KVB 28/5 7125 0430 RUSSIA, V of Russia good in EE with item on Orthodox Church — RP 17/3 7155 1900 THAILAND, R Thailand good with news — AJS 27/6 7170 2100 TIBET, Xizang PBS poor/fair with talk carrying CNR prgms // 4820 & 5935 PWO 13/6 7190 0509 TUNISIA, RTV Tunisienne good in Arabic with chanting // 7275 the same CC 15/6 7125 0434 GERMANY, D Welle fair in EE with Mailbag Prgm // 11945 better — KAB 23/6 7225 0434 GERMANY, D Welle fair in EE with Mailbag Prgm // 11945 better — KAB 23/6 			sounded like Spanish version of the "Tennessee Waltz" — PWO 7/6
 3912 — PWO 7/6 6925.4 0309 PIRATE (US) Unid with various music and MA difficult to understand, possibly Ironman Radio?? - # RAD 24/5 6937 1129 CHINA, Yunnan PBS poor/fair with MA & FA — PWO 8/6 6950 0301 USA, Grass Cutter Radio /Sunshine Radio on USB with music and ID, fair - # RAD 4/6 6955.2 0304 USA, WMPR rock music and MA with ID, fair/good - # RAD 24/5 7105 2045 GREECE, R Sawa via Kavala good in Arabic, off 2100 — IC 18/6 1905 SAO TOME, R Sawa good in Arabic with Eastern music, ID 1909 — KAB 23/6 7115 1911 GERMANY, R Free Europe good in Russian with MA/FA with talk, Russian states mentioned — KAB 23/6 7120 0422 STH AFRICA, BBC WS fair in EE with sports news, ID 0429 then into Afro music — KVB 28/5 7125 0430 RUSSIA, V of Russia good in EE with item on Orthodox Church — RP 17/3 7155 1900 THAILAND, R Thailand good with news — AJS 27/6 7170 2100 TIBET, Xizang PBS poor/fair with talk carrying CNR prgms // 4820 & 5935 PWO 13/6 7190 0509 TUNISIA, RTV Tunisienne good in Arabic with chanting // 7275 the same CC 15/6 7195 2115 UK, R Sawa via Wofferton v good in Arabic — IC 6/6 7210.3 0500 BENIN, RTV Benin IS followed by Natl Anthem, 0502 opening ID in French, music, prgm details, fair with prgm of French pop vocals - # RAD 26/5 7225 0434 GERMANY, D Welle fair in EE with Mailbag Prgm // 11945 better — KAB 23/6 	6600	1122	
 6925.4 0309 PIRATE (US) Unid with various music and MA difficult to understand, possibly Ironman Radio?? - # RAD 24/5 6937 1129 CHINA, Yunnan PBS poor/fair with MA & FA — PWO 8/6 6950 0301 USA, Grass Cutter Radio /Sunshine Radio on USB with music and ID, fair - # RAD 4/6 6955.2 0304 USA, WMPR rock music and MA with ID, fair/good - # RAD 24/5 7105 2045 GREECE, R Sawa via Kavala good in Arabic, off 2100 — IC 18/6 1905 SAO TOME, R Sawa good in Arabic with Eastern music, ID 1909 — KAB 23/6 7115 1911 GERMANY, R Free Europe good in Russian with MA/FA with talk, Russian states mentioned — KAB 23/6 7120 0422 STH AFRICA, BBC WS fair in EE with sports news, ID 0429 then into Afro music — KVB 28/5 7125 0430 RUSSIA, V of Russia good in EE with item on Orthodox Church — RP 17/3 7155 1900 THAILAND, R Thailand good with news — AJS 27/6 7170 2100 TIBET, Xizang PBS poor/fair with talk carrying CNR prgms // 4820 & 5935 PWO 13/6 7190 0509 TUNISIA, RTV Tunisienne good in Arabic with chanting // 7275 the same CC 15/6 7195 2115 UK, R Sawa via Wofferton v good in Arabic — IC 6/6 7210.3 0500 BENIN, RTV Benin IS followed by Natl Anthem, 0502 opening ID in French, music, prgm details, fair with prgm of French pop vocals - # RAD 26/5 7225 0434 GERMANY, D Welle fair in EE with Mailbag Prgm // 11945 better — KAB 23/6 7225 1917 CHINA, CRI fair in German with mass choir singing, two MAs talking, ID 			
 Ironman Radio?? - # RAD 24/5 6937 1129 CHINA, Yunnan PBS poor/fair with MA & FA — PWO 8/6 6950 0301 USA, Grass Cutter Radio /Sunshine Radio on USB with music and ID, fair - # RAD 4/6 6955.2 0304 USA, WMPR rock music and MA with ID, fair/good - # RAD 24/5 7105 2045 GREECE, R Sawa via Kavala good in Arabic, off 2100 — IC 18/6 1905 SAO TOME, R Sawa good in Arabic with Eastern music, ID 1909 — KAB 23/6 7115 1911 GERMANY, R Free Europe good in Russian with MA/FA with talk, Russian states mentioned — KAB 23/6 7120 0422 STH AFRICA, BBC WS fair in EE with sports news, ID 0429 then into Afro music — KVB 28/5 7125 0430 RUSSIA, V of Russia good in EE with item on Orthodox Church — RP 17/3 7155 1900 THAILAND, R Thailand good with news — AJS 27/6 7170 2100 TIBET, Xizang PBS poor/fair with talk carrying CNR prgms // 4820 & 5935 PWO 13/6 7190 0509 TUNISIA, RTV Tunisienne good in Arabic with chanting // 7275 the same CC 15/6 7195 2115 UK, R Sawa via Wofferton v good in Arabic — IC 6/6 7210.3 0500 BENIN, RTV Benin IS followed by Natl Anthem, 0502 opening ID in French, music, prgm details, fair with prgm of French pop vocals - # RAD 26/5 7225 0434 GERMANY, D Welle fair in EE with Mailbag Prgm // 11945 better — KAB 23/6 			
 6950 0301 USA, Grass Cutter Radio /Sunshine Radio on USB with music and ID, fair - # RAD 4/6 6955.2 0304 USA, WMPR rock music and MA with ID, fair/good - # RAD 24/5 7105 2045 GREECE, R Sawa via Kavala good in Arabic, off 2100 — IC 18/6 1905 SAO TOME, R Sawa good in Arabic with Eastern music, ID 1909 — KAB 23/6 7115 1911 GERMANY, R Free Europe good in Russian with MA/FA with talk, Russian states mentioned — KAB 23/6 7120 0422 STH AFRICA, BBC WS fair in EE with sports news, ID 0429 then into Afro music — KVB 28/5 7125 0430 RUSSIA, V of Russia good in EE with item on Orthodox Church — RP 17/3 7155 1900 THAILAND, R Thailand good with news — AJS 27/6 7170 2100 TIBET, Xizang PBS poor/fair with talk carrying CNR prgms // 4820 & 5935 PWO 13/6 7195 2115 UK, R Sawa via Wofferton v good in Arabic — IC 6/6 7210.3 0500 BENIN, RTV Benin IS followed by Natl Anthem, 0502 opening ID in French, music, prgm details, fair with prgm of French pop vocals - # RAD 26/5 7225 0434 GERMANY, D Welle fair in EE with Mailbag Prgm // 11945 better — KAB 23/6 	6925.4	0309	
 6955.2 0304 USA, WMPR rock music and MA with ID, fair/good - # RAD 24/5 7105 2045 GREECE, R Sawa via Kavala good in Arabic, off 2100 — IC 18/6 1905 SAO TOME, R Sawa good in Arabic with Eastern music, ID 1909 — KAB 23/6 7115 1911 GERMANY, R Free Europe good in Russian with MA/FA with talk, Russian states mentioned — KAB 23/6 7120 0422 STH AFRICA, BBC WS fair in EE with sports news, ID 0429 then into Afro music — KVB 28/5 7125 0430 RUSSIA, V of Russia good in EE with item on Orthodox Church — RP 17/3 7155 1900 THAILAND, R Thailand good with news — AJS 27/6 7170 2100 TIBET, Xizang PBS poor/fair with talk carrying CNR prgms // 4820 & 5935 PWO 13/6 7190 0509 TUNISIA, RTV Tunisienne good in Arabic with chanting // 7275 the same CC 15/6 7125 0434 GERMANY, Benin IS followed by Natl Anthem, 0502 opening ID in French, music, prgm details, fair with prgm of French pop vocals - # RAD 26/5 7225 0434 GERMANY, D Welle fair in EE with Mailbag Prgm // 11945 better — KAB 23/6 	6937	1129	CHINA, Yunnan PBS poor/fair with MA & FA — PWO 8/6
 7105 2045 GREECE, R Sawa via Kavala good in Arabic, off 2100 — IC 18/6 1905 SAO TOME, R Sawa good in Arabic with Eastern music, ID 1909 — KAB 23/6 7115 1911 GERMANY, R Free Europe good in Russian with MA/FA with talk, Russian states mentioned — KAB 23/6 7120 0422 STH AFRICA, BBC WS fair in EE with sports news, ID 0429 then into Afro music — KVB 28/5 7125 0430 RUSSIA, V of Russia good in EE with item on Orthodox Church — RP 17/3 7155 1900 THAILAND, R Thailand good with news — AJS 27/6 7170 2100 TIBET, Xizang PBS poor/fair with talk carrying CNR prgms // 4820 & 5935 PWO 13/6 7190 0509 TUNISIA, RTV Tunisienne good in Arabic with chanting // 7275 the same CC 15/6 7155 2115 UK, R Sawa via Wofferton v good in Arabic — IC 6/6 7210.3 0500 BENIN, RTV Benin IS followed by Natl Anthem, 0502 opening ID in French, music, prgm details, fair with prgm of French pop vocals - # RAD 26/5 7225 0434 GERMANY, D Welle fair in EE with Mailbag Prgm // 11945 better — KAB 23/6 7225 1917 CHINA, CRI fair in German with mass choir singing, two MAs talking, ID 	6950	0301	USA, Grass Cutter Radio /Sunshine Radio on USB with music and ID, fair - # RAD 4/6
 SAO TOME, R Sawa good in Arabic with Eastern music, ID 1909 — KAB 23/6 GERMANY, R Free Europe good in Russian with MA/FA with talk, Russian states mentioned — KAB 23/6 O422 STH AFRICA, BBC WS fair in EE with sports news, ID 0429 then into Afro music — KVB 28/5 RUSSIA, V of Russia good in EE with item on Orthodox Church — RP 17/3 THAILAND, R Thailand good with news — AJS 27/6 T100 0509 TUNISIA, RTV Tunisienne good in Arabic with chanting // 7275 the same CC 15/6 UK, R Sawa via Wofferton v good in Arabic — IC 6/6 UK, R Sawa via Wofferton v good in Arabic — IC 6/6 BENIN, RTV Benin IS followed by Natl Anthem, 0502 opening ID in French, music, prgm details, fair with prgm of French pop vocals - # RAD 26/5 O434 GERMANY, D Welle fair in EE with Mailbag Prgm // 11945 better — KAB 23/6 CHINA, CRI fair in German with mass choir singing, two MAs talking, ID 			
 7115 1911 GERMANY, R Free Europe good in Russian with MA/FA with talk, Russian states mentioned — KAB 23/6 7120 0422 STH AFRICA, BBC WS fair in EE with sports news, ID 0429 then into Afro music — KVB 28/5 7125 0430 RUSSIA, V of Russia good in EE with item on Orthodox Church — RP 17/3 7155 1900 THAILAND, R Thailand good with news — AJS 27/6 7170 2100 TIBET, Xizang PBS poor/fair with talk carrying CNR prgms // 4820 & 5935 PWO 13/6 7190 0509 TUNISIA, RTV Tunisienne good in Arabic with chanting // 7275 the same CC 15/6 7195 2115 UK, R Sawa via Wofferton v good in Arabic — IC 6/6 7210.3 0500 BENIN, RTV Benin IS followed by Natl Anthem, 0502 opening ID in French, music, prgm details, fair with prgm of French pop vocals - # RAD 26/5 7225 0434 GERMANY, D Welle fair in EE with Mailbag Prgm // 11945 better — KAB 23/6 7225 1917 CHINA, CRI fair in German with mass choir singing, two MAs talking, ID 	7105		
 states mentioned — KAB 23/6 7120 0422 STH AFRICA, BBC WS fair in EE with sports news, ID 0429 then into Afro music — KVB 28/5 7125 0430 RUSSIA, V of Russia good in EE with item on Orthodox Church — RP 17/3 7155 1900 THAILAND, R Thailand good with news — AJS 27/6 7170 2100 TIBET, Xizang PBS poor/fair with talk carrying CNR prgms // 4820 & 5935 PWO 13/6 7190 0509 TUNISIA, RTV Tunisienne good in Arabic with chanting // 7275 the same CC 15/6 7195 2115 UK, R Sawa via Wofferton v good in Arabic — IC 6/6 7210.3 0500 BENIN, RTV Benin IS followed by Natl Anthem, 0502 opening ID in French, music, prgm details, fair with prgm of French pop vocals - # RAD 26/5 7225 0434 GERMANY, D Welle fair in EE with Mailbag Prgm // 11945 better — KAB 23/6 7225 1917 CHINA, CRI fair in German with mass choir singing, two MAs talking, ID 			
 7120 0422 STH AFRICA, BBC WS fair in EE with sports news, ID 0429 then into Afro music — KVB 28/5 7125 0430 RUSSIA, V of Russia good in EE with item on Orthodox Church — RP 17/3 7155 1900 THAILAND, R Thailand good with news — AJS 27/6 7170 2100 TIBET, Xizang PBS poor/fair with talk carrying CNR prgms // 4820 & 5935 PWO 13/6 7190 0509 TUNISIA, RTV Tunisienne good in Arabic with chanting // 7275 the same CC 15/6 7195 2115 UK, R Sawa via Wofferton v good in Arabic — IC 6/6 7210.3 0500 BENIN, RTV Benin IS followed by Natl Anthem, 0502 opening ID in French, music, prgm details, fair with prgm of French pop vocals - # RAD 26/5 7225 0434 GERMANY, D Welle fair in EE with Mailbag Prgm // 11945 better — KAB 23/6 7225 1917 CHINA, CRI fair in German with mass choir singing, two MAs talking, ID 	7115	1911	
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 T155 1900 THAILAND, R Thailand good with news — AJS 27/6 T170 2100 TIBET, Xizang PBS poor/fair with talk carrying CNR prgms // 4820 & 5935 PWO 13/6 T190 0509 TUNISIA, RTV Tunisienne good in Arabic with chanting // 7275 the same CC 15/6 T195 2115 UK, R Sawa via Wofferton v good in Arabic — IC 6/6 T210.3 0500 BENIN, RTV Benin IS followed by Natl Anthem, 0502 opening ID in French, music, prgm details, fair with prgm of French pop vocals - # RAD 26/5 T225 0434 GERMANY, D Welle fair in EE with Mailbag Prgm // 11945 better — KAB 23/6 T225 1917 CHINA, CRI fair in German with mass choir singing, two MAs talking, ID 	7105	0/20	
 7170 2100 TIBET, Xizang PBS poor/fair with talk carrying CNR prgms // 4820 & 5935 PWO 13/6 7190 0509 TUNISIA, RTV Tunisienne good in Arabic with chanting // 7275 the same CC 15/6 7195 2115 UK, R Sawa via Wofferton v good in Arabic — IC 6/6 7210.3 0500 BENIN, RTV Benin IS followed by Natl Anthem, 0502 opening ID in French, music, prgm details, fair with prgm of French pop vocals - # RAD 26/5 7225 0434 GERMANY, D Welle fair in EE with Mailbag Prgm // 11945 better — KAB 23/6 7225 1917 CHINA, CRI fair in German with mass choir singing, two MAs talking, ID 			
 T190 0509 TUNISIA, RTV Tunisienne good in Arabic with chanting // 7275 the same CC 15/6 T195 2115 UK, R Sawa via Wofferton v good in Arabic — IC 6/6 T210.3 0500 BENIN, RTV Benin IS followed by Natl Anthem, 0502 opening ID in French, music, prgm details, fair with prgm of French pop vocals - # RAD 26/5 T225 0434 GERMANY, D Welle fair in EE with Mailbag Prgm // 11945 better — KAB 23/6 CHINA, CRI fair in German with mass choir singing, two MAs talking, ID 			
 7195 2115 UK, R Sawa via Wofferton v good in Arabic — IC 6/6 7210.3 0500 BENIN, RTV Benin IS followed by Natl Anthem, 0502 opening ID in French, music, prgm details, fair with prgm of French pop vocals - # RAD 26/5 7225 0434 GERMANY, D Welle fair in EE with Mailbag Prgm // 11945 better — KAB 23/6 7225 1917 CHINA, CRI fair in German with mass choir singing, two MAs talking, ID 			
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7225 1917 CHINA, CRI fair in German with mass choir singing, two MAs talking, ID			
	7225	0434	
1923 — KAB 23/6	7225	1917	
			1923 — KAB 23/6

7230	2115	CHINA, CNR1 Xian poor/fair with talk in Chinese // 6090 — PWO 13/6
7240	2046	AUSTRALIA, R Australia good in EE with Australia All Over — KAB 31/5
7255	0600	NIGERIA, V of Nigeria fair in EE with ID at top of hour then into French, Sfro music - # JSB 11/6
7260	1924	GERMANY, VOA fair in EE with Business Dialogue, ID 1925 — KAB 23/6
7265	0258	GERMANY, Info Radio fair with IDs at 03000 before news, one at 0304 as "Info Radio 93.1 von Rundfunk Berlin-Brandenburg, RBB" - # JB 3/6
7290	0600	SAO TOME, VOA fair in EE — IC 16/6
	0620	SAO TOME VOA Africa Now with news in EE, fair but faded out by 0630 - # JSB 11/6
7305	0213	VATICAN, R Vatican poor in Spanish with OM/YL in discussion, ID 0214, then music and more discussion — KAB 31/5
7325	0310	
		??? BBC WS to Sth Am in Spanish, good with YL/OM discussion, ID 0310 — KAB 31/5
7330	0216	RUSSIA, V of Russia from Moscow, fair in Russian with what sounded like news, ID 0219 — KAB 31/5
7345	0305	CZECH REP, R Prague fair in Spanish with YL with comment. VOA Botswana underneath — KAB 31/5
	0305	BOTSWANA, VOA poor in EE with Daybreak Africa under R Prague, ID 0307 KAB 31/5
7425	0302	USA, WEWN fair in Spanish with relig catholic prgm — KAB 31/5
7460	0230	USA, KRSI fair in Farsi — IC 20/6
7475	0316	GREECE, Foni Tis Helladas fair/good in Greek with US and local pops, ID
		0347 — KVB 16/6
7507	0845	PUERTO RICO?? AFN presumed a new outlet ex 6458.5 carrying sports news. Thanks to David Vitek for the tip, via Chris Hambly — PWO 27/6
	0000	
7005	0930	PEURTO RICO?? AFN good on USB with phone in show, new freq.? — IC 29/6
7935	2130	CHINA, CNR1 Shanxi/Lingshi poor/fair with talk in Chinese // 7170 — PWO 13/6

Logging of the month

goes to Kelvin Brayshaw for Escuelas Radiofonicas, Riobamba, ECUADOR on 5010.5kHz.

My thanks to all the contributors, with a good variety of loggings this month. 73's, Ken Baird

CONTRIBUTORS FOR THIS MONTH

ABD — Arthur De Maine, Kaikanui, R8, 250 ft wire : AD — Arthur De Maine, Wainakarua, R8, one of PWO's antennas : AJS — Andrew Sunde, Ohai, ICF 2001, 5MHz dipole, 40m wire : CC - Cliff Couch, Paraparaumu, ATS 803A, 60m horizontal loop, 32m E/W wire, 4 band N/S dipole : IC — Ian Cattermole, Blenheim, JRC NRD 535, T2FD and Alpha Delta antennas : JB — Jerry Berg, Lexington, MA, USA, R8, 130ft longwire, 19 & 90m dipoles : JSB — Jon Standingbear, Beaumont, California, USA, JRC NRD345, 80ft wire : KAB - Ken Baird, Christchurch, R5000, Drake SW2, 18m Wire, SW Eavesdropper : KVB — Kelvin Brayshaw, Levin, FRG7, ICF2001, Horizontal loops : PWO — Paul Ormandy, Oamaru, AOR 7030+, Numerous 20-30m dipoles : RAD — Richard D'Angelo Wyomissing USA, R8B, Lowe HF 150, Alpha Delta sloper, RF Systems mini windom, Datong FL3, JPS ANC4 : RP — Robert Park, Wellington, R1000, 40ft wire. Contributions to this column may be sent to PO Box 3011, Auckland or K A Baird, 10 Sarabande Avenue, Christchurch, 5. Ph: +64 3 352 6455, e-mail to ka.baird@ xtra.co.nz

bandwatch.over9@radiodx.com

Compiled by Andy McQueen, Brightwater

Hello again from Brightwater. Mind you 2 weekends ago we had some very heavy rain in fact 74mm in just 3 hours so the town was temporarily renamed Floodwater with new lakes appearing everywhere. Still we all survived. This month there has been a lot of interest in the 31 metre band so check it out. Please note all times given are UTC.

		check in ooi. Fiedse hole dii innes given die Orc.
KHZ	TIME	COUNTRY STATION & PGM DETAILS INITIALS
	0130	SWEDEN Radio Sweden. Fair in EE. 25/5 IC
	0403	ISRAEL Kol Israel Good in EE with News //15640 the same 6/6 CC
	2330	GERMANY Dem. Voice of Burma via DTK. Fair. 25/6 IC
	1200	GUAM. KTWR. Opens in VV at good level. 6/6 IC
	0920	USA WNQM? Good in EE with gospel pgm and ads 7/7 AMQ
	1710	OMAN BBCWS V/good in EE with News about Iran/UK talks Id 1712 29/6 KVB
9529.92	2045	BRAZIL Radio Nova Visao, Santa Maria, poor with chatty show, ads etc till
		flattened by VOA at 2100. Also audible around 0745 relaying Radio Trans
		Mundial with relig programs. PWO 14/6
9550	1622	BANGLADESH ? B'desh Betar (tentative) Fair in AA with Nx and Mx and talk
		on America/Iraq 29/6 KVB
9560#	2048	TURKEY VOT Good with local pops in Turkish .Pips at 2100 and Id as 'Brasi
		Turkiyenin'.14/6 YK Also heard at 2142 on 7/6 with programme of Local
		pop music.
9560	2120	TURKEY VOT. V/Good in TT. 9/6 IC
9565	0003	BRAZIL Radio Tupi, Curitiba, poor-fair though clear with serteneja music,
		back into their usual relig at 0015, //11765 and heard as early as 2050.8/6 PWO
9565	2100	USA VOA Greenville Good in Ukrainian with Talk pgm with some segments
		in EE Id at S/off 0130 17/3 RP
9575	1632	PAKISTAN R Pakistan Fair in EE with pgm of ethnic Mx and talk with refs to
		Islamabad & Pakistan 29/6 KVB
9580	0457	BOSNIA R Yugoslavia Good in EE with transmission announcements Id and
		S/off 20/6 CC
	0905	JAPAN R Tampa Good in JJ with R & B Mx and ads Id 0910 29/6 KVB
9600	0500	SOUTH AFRICA AWR Meyerton V/good in Yoruba with talk pgm Id at 0530
		S/off 5/6 RP
	0900	JAPAN BBCWS Good in EE with News pgm Fade out by 0517(?- Ed) 14/6 RP
	0012	BRAZIL Radio Aparecida, poor though clear with relig pgms, // 11830 8/6 PWO
9645.8	0019	BRAZIL Radio Bandeirantes, poor- though clear with PP relig, //11925, and
0/75	0004	heard as early as 2050.8/6 PWO
9675	0024	BRAZIL Radio Cancao Nova, Sao Paulista Cachoeira, poor with gospel Mx,
0 (0 0		mixed Papua New Guinea. Heard as early as 2200. 8/6 PWO
	0800	INDONESIA RRI Jakarta Good in Indonesian with News 5/6 AJS
9680	1940	MOROCCO VOA Good in Special EE Item about doctors without borders
0 (00	0150	Medical Aid pgm 8/7 AMQ
9680	2159	INDONESIA Voice of Indonesia, Cimanggis, poor-fair with Sound of the

9695#	2240	Coconut Islands, then t/c 2201 and Id as RRI, followed by news. Blocked by Radio Yugoslavia in SS at 2300. Also heard at 0800 with news. 20/6 PWO BRAZIL Radio Rio Mar Man and woman alternating in PP with many mention of "A Voz do Brasil" program. Brief musical segments but mainly fast-talking
9720	0720	news and information items. Fair. 15/5 RAD PERU La Voz de la Liberacion, via Radio Victoria, with Pentecostal relig program. Poor though clear. 19/6 PWO
9720	2200	SRI LANKA D/Welle via Trincomalee relay V/Good in EE with News Puttin in Gt Britain 6 soldiers killed then Newslink Asia 25/6 RFK
9725	0211	RUSSIA VORWS V/good in EE News & Views pgm included 4 hours digital daily to Europe via Moscow txer 26/6 RFK
9725	2050	BRAZIL Radio Clube, Paranaense, poor-fair with soccer commentary. Never heard this one in our mornings before! 14/6 PWO
9743.6	0740	INDONESIA RRI Sorong, presume the one here with ballad followed by announcement in BI. Poor signal with some modulation issues. Blocked at 0759 by HCJB. 16/6 PWO
9775	0720	AUSTRIA AWR Moosbrun Good in EE with S/on in EE at 0730 with mention of C S Lewis and DX info 8/6 RP
9785	0930	NETH. ANTILLIES R Nederland Bonaire Good in EE with S/on details Nx & Wx then Wide Angle pgm 8/6 RP
9825	0900	JAPAN NHK/R Japan Yamata. Good in JJ.//9835. 4/6 IC
9835	1953	RUSSIA. IBRA via Samara. Good in AA. 16/6 IC
9885	0430	BOTSWANA VOA Fair in EE with Id and Mx Intermittent QRM 15/6 CC
9885 #	1019	NEW ZEALAND RNZI Good with Commentary in English. Id at 1021 as 'National Radio' 8/6 YK
9885	2330	SWITZERLAND SRI Good in EE with Id and News 3/6 CC
9990	2126	EGYPT R Cairo Good in EE with Id and talk on Mummies 9/6 CC
11600	0346	CZECH REPUBLIC R Prague Good in EE with News of Czech sports // 15620 weaker 6/6 CC
11620 #	0010	INDIA AIR Patna, May 18, open carrier followed by flute music I/Sig from 0014 until brief opening announcement by a man at 0015. Group singing followed by more talk in Hindi at 0021. Thought I heard Patna mentioned as part of ID at 0030 just before a woman gave the news. Programming was mainly talk with some music selection in second half-hour. Fair signal but broadcast subject to many program breaks presumably studio to transmitter feed problem while //9595 was very poor amidst QRM. 18/5 RAD
11650	2130	SWEDEN R Sweden V/good in EE with News and Swedish Summer Holiday destinations No 1 is Norway 5/6 RP
11650	2317	CHINA CRI Good in SS with spoken pgm // 11880 weaker 3/6 CC
11685	1930	USA? VOA Fair in Special EE 19/3 RP
11765	0030	BRAZIL Radio Tupi, Curitiba, poor-fair w/relig, //9565, mixed BBC in SS, heard
11750	0045	as early as 2050. 8/6 PWO
11750	2045	GUAM. KSDA. VG in EE. 24/6 IC
11770.2	0358	MEXICO XERMX Radio Mexico Int. fair signal though somewhat distorted, better audio on //9705 which wasn't quite as strong. 1/6 PWO

11770#	0930	AUSTRALIA HCJB-OZ, DXPL is on at 0930, heard at tune-by at 0945 surprisingly decent level, and would have been completely readable but
11780	0034	for WYFR QRM at varying strength.14/6 JB BRAZIL Radio Nacional, fair signal with Pink Floyd's "Another Brick In the Wall" and pgm "A Voz do Brasil". 8/6 PWO
11800 11810#	0113 2124	ITALY RAI Int. Fair in EE with with Female vocals Id at 0115 Some distortion 2/6 CC JORDAN R Jordan Good in AA Local pop music, then Id and news with
11815	2015	correspondent report at 2130 7/6 YK GERMANY SRI Poor in EE with talk about private schools Id at 2027 then into GG // 13645 & 13795 not heard daily 13/6 RP
11815	2318	BRAZIL Radio Brazil Central, fair w/mostly relig talk and musical pgm sponsored by "Igreja Apostolica" (Apostolic Church). Heard as early as 2050
11830	2326	with soccer commentary.7/6 PWO BRAZIL Radio Aparecida, poor with relig pgm in PP, heard as early as 2055. 7/6 PWO
11835	0530	Botswana. Voa. VG in EE. 11/6 IC
	0500	Good in EE with VOA News Now 17/3 RP
11850	2126	GUAM KSDA AWR V/good in EE AWR News then item about 'nap' in the
		middle of the day is OK Whew what a relief!! 8/6 RFK Your Lucky I have only
		been able occasionally to get half an hour for lunch lately The first real frost
1100ГД	1050	of winter and everybody is calling in for a new gas heater - Ed)
11885#	1339	CHINA Xinjiang People's B.S Good in CC pips at 1400,and Id then news // 7195 weak YK
11900	2330	BULGARIA Radio Bulgaria, fair signal in EE with magazine-style program. 7/6 PWO
11905#		GERMANY Gospel for Asia via Wertachtal Religious talk in unidentified Asian
		language followed by ID and sign off music. Poor with heavy QRM from
		Bulgaria on 11,900. Change of languages every 15 minutes //11795Fair to
		Good 14/6 RAD
11915#	0240	BRAZIL Radio Gaucha Talk in PP Time pips, ID and news at 0300 and off
		by 0308. Poor with deep fades. 15/5 RAD
	2055	BRAZIL R Gaucha, Porto Alegre, poor mixed unidentified w/sports talk.14/6 PWO
11925	0059	BRAZIL Radio Bandeirantes, Sao Paulo, fair signal with lively soccer
		commentary, heard as early as 2055. 8/6 PWO
11945	0402	RWANDA D/Welle via Kigali Excellent in EE Nx then inside Europe including
		item of possibele use bases in Czech Republic 8/6 RFK
12005#		TUNISIA RTV Tunisienne Poor with talk in Arabic. local pops. // 9720 good.14/6 YK
12010	2110	MOROCCO Radio Sawa. VG in AA. 17/6 IC
12040	0358	UKRAINE RUI Good in EE with Id and transmission announcements Slight
100.40	1705	QRM 6/6 CC
12040	1735	UNKNOWN LOCATION R Sawa Fair in AA with mix of AA and western Mx
10070	1050	Plus News Slight co-channel QRM Id 1736 29/6 KVB
12070	1953	RUSSIA VORWS V/good in EE Nx on the hour with usual day subjects then
10005	1028	Joe Adamov's Moscow Mailbag 25/6 RFK MONGOLIA V of Mongolia Fair in EE with announcements Id and S/off A
12085	1020	little distorted 5/6 CC
12095	0056	ASCENSION ISLAND BBCWS Fair in EE with pgm about rhododendrons
12075	0000	planting being prohibited in Scotland Id @ 0100 15/6 KVB (There is plenty of

		them planted in the Edinburgh of the South ie: Dunedin -Ed)
12095#	1951	ASCENSION ISLAND BBCWS Good with Piano with female vocal. Id at 1958 as 'BBC World Service'. Pips and news at 2000.14/6 //15400 better //17830
10100# -	1745	good.// 9630 Poor. YK
12120#	1/45	CLANDESTINE to Ethiopia. Apparently "R. Solidarity," from 1745 tune-in Jun 15 (Sunday) to 1800 end of pgm. BBCM says this is "R. Justice"; checked this
		specific pgm against the audio contained on the TISJD website
		http://www.tisjd.net/main.htm for R. Solidarity for Jun 15 and they are exactly
		the same, just as the "R. Solidarity" RealAudio ID on the website is the
		same as given by BBCM for "R. Justice" in DXLD. Apparently "R. Justice" is the EG translation of "Radio Fithi," another name for this one. Brokered by
		TDP, as they're on the TDP website (for Sunday at 1700-1800, this frequency.
		Nearly all talk, discussion during long direct field reports, occasional periods
		of Horn of Africa Mx. Ended pgm with no Id or S/off then carrier stayed on.
		Fair signal, but made difficult by RTTY of varying strength. 15/6 JB
13580	2150	CZECH REPUBLIC Radio Prague. Good in EE. 6/6 IC
13595	0400	USA WJIE (Tentative) with Religious pgm Id as Christian Radio Network J
		acksonville 14/6 RP
13605	0830	NTH MARIANAS ISLANDS VOA Tinan relay Good in EE with talk about
		Legislature 16/3 RP
13610#	2027	SYRIA Radio Damascus Id and news in English followed by music features
		and cultural program. At 2104 news headlines were next before signing
		off with national anthem but after a nice Id "Radio Damascus, the
		broadcasting service of the Syrian Arab Republic" music was played,
		another Id with a "good night" tossed in for good measure but then
		apparently sign on for another English program I presume the North
		American feed with frequency/time announcement and news. Poor to fair
13620	0900	with heavy splatter from WEWN on 13615. 31/5 RAD NTH MARIANAS ISLANDS VOA Tinan relay Good in EE with VOA News Now
13020	0700	then Jazz pgm 8/6 RP
13665	2155	IRAN VOIRI. Fair in EE. 6/6 IC
10000	2130	Good in EE with choir singing then Id and transmission details 9/6 CC
13680	2045	JAPAN NHK?R Japan via Yamata. Good in JJ. //11665. 6/6 IC
13755	0500	GERMANY? D/Welle Poor in EE with talk pgm 7/6 RP
13840	0500	GERMANY Bible Voice via DTK. Good in AA. EE Id at opening at 0500 6/6 IC
15115#	1230	ECUADOR HCJB, DXPL heard with good signal at 1230 but closed down at
		1300. Same day, HCJB-OZ-11770 was hopeless under WYFR during various
		checks at 0900-1100. 7/6 JB
15120	0230	PHILIPPINES R Pilipinas fair in EE with S/on, Full Id & freqs Talk & Mx pgm S/
1 - 1	100-	off 0330 5/6 RP
15120#	1937	NIGERIA VON Jun 14 Poor with Afro pops 14/6 YK

- 15165 2200 AUSTRALIA Christian Voice(Tentative) Good in CC Talk & Mx pgm with Hymns but wiped out at 2259 by REE S/on 23/6 **PP**
- 15205 0727 GUAM KTWR Good in EE Simplee truth pgm produced in Oz 10/6 RFK
- 15280 1020 SINGAPORE RTE relay Good in EE with News about Ireland 5/6 CC
- 15265# 1638 TAIWAN CBS (presumed) Non-stop Chinese opera Mx with apparent tape

15265#	1655	problems (numerous short breaks in program) and off at 1700 without any announcements. Fair until Channel Africa opened at 1655 with I/Sig 17/5 RAD SOUTH AFRICA Channel Africa I/Sig and English and Afrikaans ID announcements prior to 5+1 time pips at 1700 followed by English program, news, mentioning broadcasting on 16 meter band (perhaps a recent change in frequency that didn't make it to the programming people?). Poor under Taiwan until s/off at 1700 then fair. 17/5 RAD
15335#	2028	EGYPT R Cairo Music, pips at 2030 in French. Holy Quran Good 14/6 YK
15345	2200	ARGENTINA Radio Nacional, Buenos Aires, poor-fair though in the clear
13343	2200	with news in Spanish. 13/6 PWO
15380	1713	ROMANIA RRI Good in EE with News from Romania 16/6 CC
15410#		RWANDA D/Welle relay Good with I/Sig, Id & news in Amharic. 21/6 YK
15415#		AUSTRALIA 15415 R. Australia Poor in Indonesian. Id at 2221. Pop music.14/6 YK
15435#		JORDAN RJordan Good with news about Israeli affairs in Arabic. Id at 2021
10400#	2002	as 'Idha'atu-I–mamlaka al-urduniyya al-hashimiyyaamman' and then Music programme. //11810 almost as good 14/6 YK
15455	2200	CANADA RCI Sackville V/Good in EE with' The World this Weekend which
		was very good with lots of local news items 7/6 RFK
15565	2255	NETH ANTILLIES RVI Bonaire relay Fair in EE with music discussion Off at
		2300 A little distortion 3/6 CC
15605	1707	FRANCE RFI Strong in EE with African News Id 1709 16/6 CC
15605	2200	RUSSIA D/Welle via Komosomolsk Fair in EE with News and Current Events 7/6 RP
15650	1530	GERMANY Pan American BC. (PAB) via DTK. Fair with 15 minute religious
10000	1000	pgm in EE. Off at 1545 22/6 IC
15670# 1629		CLANDESTINE to Ethiopia R. Xoriyo, decent signal at 1629 opening with
		Horn of Africa Mx, IDs with definite "Xoriyo" a couple of times, into a minute
		of AR-style singing by man, then all talk by man. By 1640 a loud growl
		moving up from below caught up with them. 17/6 JB
15820	0945	ARGENTINA LR Red (Tentative) V/good in SS Pgm of Mx and Talk Mention of
		Buenos Aires and Argentina at 0959 then back to pgm Id again at 1025 16/3 RP
17495	0900	RUSSIA VORWS Poor in EE S/on with I/sig Id and Nx then Mx pgm 16/3 RP
17500	0900	NORWAY R Norway Good in NN with Church service with R Denmark at
	0,00	0930 15/6 RP
17780	0130	USA? VOA pgm in unknown language with Mx and talk 16/3 RP
17860	0100	PHILIPPINES R Veritas Asia Fair in Urdu with EE id at S/on Talk and singing
.,	0100	pgm 18/6 RP
17895	0356	SRI LANKA. VOA via Iranawila. Fair in EE. 9/6 IC
21555	2130	USA? VOA Fair in FF but not heard daily Good id at S/off 2130 9/6 RP
21700	0530	UAE R Dubai Fair in EE with Nx about possible international forces going to
21700	0000	Liberia. Off Air 0549 29/6 KVB
	0505	Good in AA with talk pgm // 17830 the same 15/6 CC
21795	0534	THAILAND R Thailand Good in EE with Nx on Apec Health Ministers meeting
21775	000-	on SARS Id 0534 30/6 KVB
21860	0500	SINGAPORE BBCWS Poor in EE News and Id at 0604 Discussion on road
21000	0000	
		Map Faded out by 0515 14/6 <u>RP</u> (<i>Were they discussing Coach John Mitchell's journey? Ed</i>)

Thanks very much to all contributors for this month. Stations reported are indicated by the contributors initials underlined in Bold eg: **AMQ** The use of the # symbol is to indicate station reported outside of New Zealand. Please note I have changed the location of this symbol to beside the frequency.

Logging Competition

The winning logging is Rwanda 11945 kHz submitted by Ron Killick

Can anyone help Robert Park with a QTH for WJIE?

<u>Your contributions</u> are most welcome either to the email address above or Postal via PO Box 3011 Auckland or direct to me at 85 Waimea West Road Brightwater Nelson.

> 73's Andy McQueen

SHORTWAVE EXCHANGE

AJS Andrew Sunde Ohai Sony ICF 2001 & 5 Mhz dipole and 40m wire /AMQ Andy McQueen Brightwater Sony 7600 and 1 m telescopic whip / CC Cliff Couch Paraparaumu Sangean ATS 803A with 60m horizontal loop/ & 32m E/W random wire & 4 band N/S dipole / IC Ian Catermole Blenheim JRC NRD 535 T2FD and Alpha Delta antennae/ JB Jerry Berg Lexington MA USA Drake R8 and 130 ft longwire plus 19 & 90 m dipoles / KVB Kelvin Brayshaw Levin FRG-7 & Sony ICF 2001 60m & 40m horizontal loops/ PWO Paul Ormandy Oamaru AOR 7030 ./ RAD Richard D'Angelo Wyomissing, PA USA Drake R-8B Lowe HF-150 Alpha Delta DX Sloper RF Systems Mini-Windom Datong FL3 JPS ANC-4 / RFK Ron Killick Christchurch Sony 6800 & 40m long wire /RP Robert Park Lower Hutt Kenwood R 1000 and 40 ft wire YK Yasuaki Katagiri Saitama, Japan RX; IC-R75 & HF-150E ANT; Small Loop & SA-7000



english in time order Compiled by Yuri (George) Muzyka, Auckland



Time Order summary of Ken's Under 9MHz & Andy's Over 9MHz BandWatch columns. Please remember to include the date and signal strength with all your loggings and send them to the Under/Over 9MHz Bandwatch column editors, thanks.

73 - Yuri, ZLIGYM (yuri@win.co.nz http://www.linradio.com/sources.htm)

SIGNAL STRENGTHS e = Excellent; g = Good; f = Fair; p = Poor.

Overseas contributors now have "#"s around their name initials (eg #ABC#).

Time	Frequencies	Station	Station	Log	DXer
(UTC)	(kHz)	Name	Country	Date	Name
0056-0100	12095f	BBCWS	UK ,	15/6	KVB
0100	5930p:6190	R Slovakia Int	SLOVAKIA	8/6	PWO
0113-0115	11800f	RAI Int	ITALY	2/6	CC
0118	5930:6190p	R Slovakia Int	SLOVAKIA	8/6	PWO
0121	6200p	R Prague	CZECH REP	8/6	PWO
0130	9435f	Radio Sweden	SWEDEN	25/5	IC
0211	9725g	VORWS	RUSSIA	26/6	RFK
0230-0330	15120f	R Pilipinas	PHILIPPINES	5/6	RP
0305-0307	7345p	VOA	USA	31/5	KAB
0332	3255p	BBC	UK	19/5	#RAD#
0340-0343	6175f	V of Vietnam	VIETNAM	6/6	CC
0346	11600g:15620f	R Prague	CZECH REP	6/6	CC
0356	17895f	VOA	USA	9/6	IC
0358	12040g	RUI	UKRAINE	6/6	CC
0402	11945e	D/Welle	GERMANY	8/6	RFK
0403	9435g:15640g	Kol Israel	ISRAEL	6/6	CC
0410-0420	6005f	BBC	UK	17/6	KVB
0422-0429	7120f	BBC WS	UK	28/5	KVB
0422	4832g	R Litoral	HONDURAS	22/6	AD
0430	7125g	V of Russia	RUSSIA	17/3	RP
0430	9885f	VOA	USA	15/6	CC
0433	4830p	R Litoral	HONDURAS	8/6	PWO
0434	7225f:11945g	D Welle	GERMANY	23/6	KAB
0457	9580g	R Yugoslavia	YUGOSLAVIA	20/6	CC
0500-0515	21860p	BBCWS	UK	14/6	RP
0500	11835g	VOA	USA	17/3	RP
0500	13755p	D/Welle	GERMANY	7/6	RP
0500	6110g	NHK	JAPAN	16/6	IC
0500	6350f	AFN	USA	21/6	#JSB#
0501	4770p	R Nigeria	NIGERIA	12/6	KVB
0508	3210g	WWCR	USA	29/6	CC
0514-0530	4775p	TWR	SWAZILAND?	30/5	PWO
0530-0549	21700f	R Dubai	UAE	29/6	KVB

0530 0534-0534 0600	11835g 21795g 7255f	VOA R Thailand V of Nigeria	usa Thailand Nigeria	11/6 30/6 11/6	IC KVB #JSB#
0600	7290f	VOA	USA	16/6	IC
0620-0630	7290f	VOA	USA	11/6	#JSB#
0650 0720-0730	6005f 9775g	BBC WS AWR	uk Austria?	11/6 8/6	#JSB# RP
0720-0730	15205g	KTWR	GUAM	070 10/6	RFK
0808-0812	6350(USB)f	AFN	USA	9/6	#RAD#
0814-0900	4890f	Port Moresby	PNG	9/6	#RAD#
0830	13605g	VOA	USA	16/3	RP
0834-0835	6350(USB)g	AFN	USA	15/6	KVB
0900	13620g	VOA	USA	8/6	RP
0900	17495p	VORWS	RUSSIA	16/3	RP
0900	9605g	BBCWS	UK	14/6	RP
0920	9475g	WNQM?	USA	7/7	AMQ
0930-0945	11770g	HCJB-OZ	AUSTRALIA	14/6	#JB#
0930	9785g	R Nederland	NETHERLANDS	8/6	RP
1019-1021	9885g	RNZI	NEW ZEALAND	8/6	#YK#
1020	15280g	RTE	SINGAPORE	5/6	CC
1028	12085f	V of Mongolia	MONGOLIA	5/6	CC
1230-1300	15115g	HCJB	ECUADOR	7/6	#JB#
1530-1545	15650f	Pan American B		22/6	IC
1543	5010g	AIR		31/5	KVB
1632	9575f	R Pakistan	PAKISTAN	29/6	KVB
1647		240g:7385gXizan	-	16/6	CC
1700	15265f	Channel Africa		17/5	#RAD#
1707-1709	15605e	RFI BBCWS	FRANCE UK	16/6	CC KVB
1710-1712 1713	9510g 15380g	RRI	ROMANIA	29/6 16/6	CC
1756-1800	4860g	AIR	INDIA	14/6	KVB
1845	2325g	ABC	AUSTRALIA	2/7	ABD
1850	2323g 2485g	ABC	AUSTRALIA	2/7	ABD
1855-1858	4950f	VOA	USA	18/5	KVB
1900	6025f	R Budapest	HUNGARY	15/6	AJS
1924-1925	7260f	VOA	USA	23/6	KAB
1930	11685f	VOA	USA	19/3	RP
1940	9680g	VOA	USA	8/7	AMQ
1953	12070g	VORWS	RUSSIA	25/6	RFK
1953-1958	4810f	V of Armenia	ARMENIA	30/5	KVB
2000	5775f	IRRS	ITALY	23/6	IC
2015-2027	11815p:13645:13	795SRI	SWITZERLAND	13/6	RP
2030	5995g	RCI	CANADA	18/6	IC
2038-2044	4930f	Turkmn Radio	TURKMENISTAN	31/5	PWO
2045	11750g	KSDA	GUAM	24/6	IC

2046	7240g	R Australia	AUSTRALIA	31/5	KAB
2100	6055g	NHK	JAPAN	6/6	IC
2100	6180g	NHK	JAPAN	6/6	IC
2126	11850g	KSDA AWR	GUAM	8/6	RFK
2126	9990g	R Cairo	EGYPT	9/6	CC
2130	11650g	R Sweden	SWEDEN	5/6	RP
2130	13665g	VOIRI	IRAN	9/6	CC
2150	13580g	Radio Prague	CZECH REP	6/6	IC
2155	13665f	VOIRI	IRAN	6/6	IC
2200	15455g	RCI	CANADA	7/6	RFK
2200	15605f	D/Welle	GERMANY	7/6	RP
2200	9720g	D/Welle	GERMANY	25/6	RFK
2255-2300	15565f	RVI	BELGUIM	3/6	CC
2330	11900f	Radio Bulgaria	BULGARIA	7/6	PWO
2330	9885g	SRI	SWITZERLAND	3/6	CC

From NZRDXL member Jerry Berg, 38 Eastern Avenue, Lexington, MA 02421, USA

NEW HISTORY MATERIAL AT http://www.ontheshortwaves.com

Under "Articles, Research, etc.," "Philately," a first day cover from 1951 recognizing Radio Monte Carlo, Monaco.

Under "Articles, Research, etc.," "Potpourri," a sheet from Radio News containing info on IDs and interval signals from shortwave stations. This appears to be from the 1930s.

Under "Articles, Research, etc.," "Full-Text Articles," the story of WUMS, which was one of the longest operating U.S. pirates, usually heard on the broadcast band. This article appears courtesy of Popular Communications <u>http://www.popular-communications.com/</u> The accompanying 1948 WUMS QSL is from the Committee to Preserve Radio Verifications.

Under "CPRV," "QSL Gallery," some "new" amateur radio QSLs: Brazil, PY2EJ, 1936; China, C1CH, 1947, and XU1B; Ecuador, HC2HP, 1938; Nazi Germany DX Contest, DJDC, 1936; Spain, EA2BT, 1936; and U.S. QSLs W3BLZ, 1BGQ (1924), 9DTE (1928), and 2WC (1927).



shortwave.mailbag@radiodx.com

Compiled by Laurie Boyer, Invercargill

Well after a long period of non dxing I have started again. I am finding it a bit hard to find my way around the dial. I am sending all my reports by email and they are starting to come back slowly.

First up this month is **Richard D'Angelo Wyomissing PA USA** with Radio Congonhas Brazil 4775, China 4850, Hmong Lao Radio 12070, Voice of Biafra International 15670, Italian radio relay service 5780, Radio atlantida Peru 4790, Thanks Richard.

Now it's **Jerry Berg Lexington MA USA** has them in from Radio Stalitsa Belarus 7210, Radio Xoriyo Ethopia 15670, InfoRadio Germany 7265 some interesting ones there Jerry

Steven Greenyer Timaru has his first Shortwave verie for many years with Radio Alvorado Brazil 2340 1KW a nice one Steven.

Next is **Andrew Sunde Ohai** with one in from Iran 11740 Lucky to get them to reply Andrew

Now for **Arthur De Maine Kakanui** Who has one in from Radio Sweden 17505 plus reports out to Radio Cairo 9990 for the tenth try, Radio Thailand 21795, Radio Tirana 6115, Radio Ukraine 12040 Radio Litoral Honduras 4832 and ABC 2325. More veries next month by that list.

Now for **Ian Cattermole Blenheim** who has Swiss Radio International 13645, 11815, 13795, KTWR 9430, 9465 [EM] Deutsche Welle Komolosk 15065, Sri Lanka 9890, 9505, Via Russia 7420, 13755, Julich 9825, 15410 Kigali 7225, 11945, 12045, NHK Dhabayya 15480, Radio Canada International Horby 5850, Sackville 15455, VOA Udorn 13650, Kavala 6040, 9530, Morocco 13620, AWR via DTK 15160 [EM] Afrts Iceland 13855 [EM] Bible Voice BC 11975, 13725, 13840, 13845 [EM] VOA Sao Tome 9850, Canada radio International 9755, 13790, Radio Senado 5990 [EM] Radio Sawa Kavala 7105, Morocco 12010 11680 [EM] Wofferton 9505 [EM] IRRS 5775 [EM] IBRA Russia 9835 [EM] Pan American BC via DTK 15450 [EM] IBRA via DTK 15450 [EM] Democratic Voice of Burma via DTK 9435. Good going Ian

Now for Laurie Boyer Invercargill With Voice of Russia 11745, Radio Prague 7340,5930, 9440, 15620, 13580, 9870. Voice of Turkey 7270Radio Taipei 15215, Voice of Russia 9665 Radio New Zealand International 15160, 11820, WTJC 9370, WBOH 5920, Radio Sweden 9435, 11650, BFBS 15795, 7260, 11975.

Best of Month Under 9MHz Radio Alvorado Brazil 2340 1kw Steven Greenyer. **Best of Month Over 9MHz** AFRTS Iceland 13855 Ian Cattermole



REVIEW OF THE DOMESTIC BROADCASTING SURVEY 5 (DBS-5) By Published by the Danish Shortwave Club International (DSWCI) Chi

By Ken Baird Christchurch

I have recently received a copy of this publication over the Internet as an e-mail attachment. It is in "pdf" format and downloads with no problems using Acrobat Reader with the result being a 47 page A4 document as detailed in the last issue of the DX Times, page 38. Page 39 of the DX Times gives the format of the information in the DBS-5.

The DBS-5 is very easy to use and contains a wealth of accurate, up to date information on the domestic broadcasting scene. It contains information I have only found on the ILG Database, such as station power, and schedules. It also additionally includes information as to when any particular station was last logged, to give a good assessment on whether the station is likely to be still operational. It covers all domestic broadcasting, from the low power Latin's to R Norway/Denmark at 500kW, as well as active clandestine stations That is, all stations broadcasting to a domestic audience, or relaying such broadcasts to compatriots abroad. It covers frequencies from 2200 to 30000 kHz, not just the Tropical Bands.



domestic broadcasting survey

5th Edition, May 2003 ISSN 1399-8218

Edited by Anker Petersen



Marimba player in a Patio with Ara Parrots in Chichicastenango, Guatemala.

Note: The DBS-5 is in an A4 format (the sample last month was shrunk to fit the DXT 's A5 format.) Chief Ed

For \$5 US it is a very good buy and should be on the shelf of all Dxers. The information is available elsewhere on the Internet, but not all in one document, accurately verified by a team of monitors. I am particularly pleased with my copy and it has already been of use tracking down the details of several Latin stations for the Under 9 Bandwatch column in the DX Times. The easiest method of obtaining a copy is to send a \$5 US note in the post to the DSWCI Treasurer, at the address given on page 40 of the last DX Times.

Ken Baird 3-7-03

marketsquare - members free advertisements

FOR SALE: FRG 8800 receiver. From the estate of the late John Gabites ZL2AQ. \$600 or close offer. Bill Cox ZL2BIL, email: <u>billcat@paradise.net.nz</u> Ph: 04-902-2630.



NEW ZEALAND DX TIMES

JULY 2003

shortwave.report@radiodx.com Compiled by Ian Cattermole, Blenheim

ANGOLA:

Angola government to allow private shortwave radio stations.

Under legislation currently being prepared in Angola, the government will lose its monopoly of shortwave broadcasting. Media Minister Hendrick Vaal Neto announced this week that not only will private TV channels be allowed under the legislation to be presented to the National Assembly, but also the establishment of privately-run short wave radio stations. The legislation involves modifications to the existing Press Bill, However, Vaal Neto cautioned that financial considerations might limit the number of new stations that are actually set up. (Radio Netherlands Media Network.)

AUSTRIA:

Radio Austria International announces new English schedule

Radio Austria International has published the new schedule of its English service that takes effect tomorrow, 1 July. The 15-minute report from Austria will be broadcast Mon-Fri in target area as follows (all times UTC):

- 1215-1230 to Asia and Australia on 21780 kHz
- 1245-1300 to Europe on 6155 and 13730 kHz and Asia/Australia on 21780 kHz
- 1510-1525 and 1540-1555 to W No. America on 15515 kHz via Sackville
- 2315-2330 and 2345-2400 to Latin America on 9870 and 13730 kHz
- 0115-0130 and 0145-0200 to E No. America on 9870 kHz

Insight Central Europe is broadcast on Sat/Sun in the target area as follows (all times UTC):

- 0505 (repeated 0535) Sun only to the Middle East on 17870 kHz
- 1205 (repeated 1235) to Europe on 6155 and 13730 kHz and Asia/Australia on 21780 kHz
- 1505 (repeated 1535) to W No. America on 15515 kHz via Sackville
- 2305 (repeated 2335) to Latin America on 9870 and 13730 kHz
- 0105 (repeated 0135) to E No. America on 9870 kHz (Radio Netherlands Media Network.)

BIBLE VOICE BROADCASTING.

Effective June 30th we will be changing our frequencies as follows: To the Middle East 7430 will be found at 15680 - 19 meter band 7430 from 1900 UTC will be on 13710 - 22 meter band

Our Arabic programming will be found at 15750 on the 19 meter band at 1615 UTC Monday-Friday moved from 15680

English programming will also be found on 15750 on the 19 meter band at 1700 UTC on Sat/Sun

We look forward to hearing from you. Please let the programmers know that you enjoy their programs! Mrs. Marty McLaughlin. High Adventure Gospel Communication Ministries. Bible Voice Broadcasting. <u>www.biblevoice.org</u>

Check out their website for full schedule. E-mail for reports is mail@biblevoice.org (ED)

ITALY:

IRRS. We are announcing a slight frequency change for our daily broadcast in the evening, European time (previously on 5780 kHz).

Effective June 21, 2003 IRRS-Shortwave to Europe can be heard daily on 5775kHz from 1900-2130 UTC (2100-2230 CET), besides our operations on Sat & Sun only on 13840 from 0800-1200 UTC (1000-1400 CET).

The latest frequency schedule is available at: <u>http://www.nexus.org/NEXUS-IBA/Schedules</u> (IRRS)

SINGAPORE:

Radio Singapore International.

RSI has English language programming from 1100 to 1400utc on 6150 and 9600khz. Both frequencies are audible here in NZ. (RSI)

SWEDEN:

IBRA. I have recently received the full schedule for IBRA from Eva Skog and have taken the SW transmissions from mainly FM and MW broadcasts and listed them here.

SW Iransmissions from mainly FW and WW broadcasis and listed them here.				
Station/site.	Days	Time.	Language.	Frequency.
TJ Germany.	234567	1730-1830	Swalahi.	15695.
FEBA. S. Africa.	2.7	1718-1748	Yao.	7265.
FEBA. S. Africa.	4.6	1545-1600	Makonde	11885
FEBA. Rwanda.	1234567	1720-1757	Tignnya	11690.
TJ Germany.	1234567	1830-1845	English	15695
TW Germany.	1234567	1730-1745	Somali	15450
FS S. Africa.	1234567	1620-1658	Amharic	12070
Radio Rwanda	7	1515-1530	Kinyarwanda	6055
TJ Germany.	1234567	1900-2000	Various African	12140.
TJ Germany	1234567	0500-0600	Arabic	15715.
HCJB London	7	2130-2200	Arabic	12020
TJ Germany	1234567	1600-1630	Farsi	15715
TJ Germany	1234567	1530-1600	English	15715.
JS Russia.	1234567	1900-2030	Arabic	9835.
FEBA Russia	5	1130-1145	Arabic	15530.
FEBA Russia	1	1200-1215	Arabic	15530
TJ Germany	1234567	2000-2100	Arabic	9605
HCJB London	1	2200-2215	Arabic	12020
HCJB London	2	2115-2130	Arabic	12020
HCJB London	2.5.	2200-2230	Arabic.	12020
FEBA Austria	4567	0200-0215	Pashtu	11995
JA Russia	1234567	1530-1600	Pashtu	9415
NEW ZEALAND DX TIME	S	PAGE 21	JUĽ	Y 2003

JA Russia TW Germany FEBA Russia FEBC Manila JA Russia JA Russia	1234567 1234567 123.7 3.5 1234567 1. 567	1600-1630 1615-1715 1345-1400 1245-1300 1630-1645 1645-1700	Dari Pashtu Bengali Khmer Hazaragi Uzbek	9415 11610 15605 7480 9415 9415
JA Russia	234	1645-1700	Turkman	9415
FEBC Manila	1234567	1500-1515	Mandarin	6120
JP Russia	1234567	1200-1330	Mandarin	9450
FEBA Russia	567	1415-1430	Hindi	15605
FEBA Russia	7	1300-1315	Kangri	15605
TJ Germany	1234567	1430-1500	Farsi	15715
TJ Germany	1234567	1500-1530	Urdu	15715
FEBA Austria	1.2	0045-0100	Hindko	9465
FEBA Austria	5.6	0100-0115	Punjabi	9465
FEBA Austria	7	0115-0130	Urdu	9465
KFBS Saipan (FEBC)	1.3.5	1600-1615	Ughur	11580
TJ Germany.	1234567	1400-1430	English	15715
(IBRA schedule)				

TAIWAN:

Taiwan's international broadcaster changes identity

Taiwan's international broadcaster has announced that it is to change its on air name; Radio Tapei International will become Radio Taiwan International. The station says it has discovered that the name Taipei has negative connotations in the minds of some listeners. The station ID in all 12 languages will change as from 1 July 2003. (Radio Netherlands Media Network.) *I suppose this means all frequencies can be re-logged now as new veries. (ED)*

RADIO TOGO LIBRE.

1300-1400 21760 mtwtf.. French Radio Togo Libre. 2000-2100 12125s French (i.e. Sunday)

Radio Togo Libre heard 6th June 1255 to past 1335 on 21760, talk in French 1255, time pips on the hour, possible identification but buried under local noise, mix of talks and African music, faded up 1328 and clear "Radio Togo Libre" identification by man on the half hour, continued with African music. Weak to fair with fading and poor copy at times fighting local noise level.(Several reports, DXLD)

Site as yet not confirmed but broadcasts arranged by TDP Belguim. Reports to: TDP, P.O. Box 1, 2310 Rijkevorsel, Belguim.(ED)

LATIN CORNER. PERU:

Several stations

Logs from Coronel Vidal, a small town 342 kms. to southeast from Buenos Aires with very bad propagation conditions. Arnaldo Slean, and Eramo Argentina. Via HCDX,

- 4389 Radio Imperio, Chiclayo, 1022. Spanish. Religious programme by male: "hermanos y hermanas, no se dejen engañar....",
- 4790 Radio Atlantida (p), Iquitos, 1028. Romantic music in spanish non stop.
- (4826,6 Radio Sicuani(p), Sicuani, 1055. Quechua. Andean music and short talks in quechua by male.
- 4856,5 Radio La Hora, Cusco, 1041. Quechua. Andean music. Announcement in quechua,
- 4950,5 Radio Madre de Dios, Puerto Maldonado, 1036. Spanish. S/on. National Anthem. Complete identification.
- 5009,7 Radio Altura, Chaupimarca, 1046.Spanish. TC & ID as: "5 de la mañana con 47 minutos en Radio Altura"; Local advs.: "......confiabilidad y.....en Chaupimarca.....sociedad anonima"; very nice huaynos.
- 5940.14 Radio Bethel (p), Arequipa, 0417 0445, Spanish, religious program "Impacto Evangelistico", Gospel music,
- 6042.59 Radio Melodia, Arequipa, 0546 0552, Spanish, Musical program, man announcer, news about Toledo president (travel to United States), Ids " a traves de la Onda Corta internacional desde la programacion de Radio Melodia", "la programacion del sabado a traves de Melodia", tc & ID "nueve minutos para la una de la maÒana en Radio Melodia"

As these are all our during our evening many will be audible here in NZ. (ED)

BANDSCAN FROM QUITO. by Bjorn Malm via HCDX

I start this bandscan, SW 68, with some various notes: 3289.92 Radio Centro, Ambato (Ecuador) heard very weakly due to transmitter problems. 4781. 32 Radio Oriental, Tena (Ecuador) has been off air for a while. 4939.67 Radio Amazonas, Puerto Ayacucho (Venuzuela) now with far better audio quality, earlier very weak modulation. 4955.00 Radio Cultural Amauta, Huanta (Perü). I noted in the HCDX mailing list that a Finnish DXer logged RD Nacional de Colombia on this frequency but here in Quito only the Huanta-station is heard. 5470.21 Radio San Nicolås, Rodriguez de Mendoza (Perü) off air. 6009.77 Alcaravån Radio, Puerto Lleras (Co-lombia) off air. 6042.59 Radio Melodìa, Arequipa (Perü) safely anchored on this split.

6009.98 Radio Parinacota, Putre (Chile). June 2003 - 2325 UTC. The frequency is now quite clean, (the Colombian is off air), so it is possible sometimes to hear Parinacota quite well but never strong. Was "fooled" when they had a programme with Peruvian mx. Sometimes QRM from Radio Mil on 6010.02 kHz. Sometimes relaying Radio Cooperativa with news. Irregularly (?) also HCJB is heard with Dutch. Listen to a recording from this occasion at:

http://homepage.sverige.net/~a-0901/

6140.11 Radio Monte Carlo, Montevideo (Uruguay). June 2003 - 1035 UTC. I have never before heard this station. I don't know if that depends on station inactivity or varying conds. Heard a few days with programme format quite similar to CPN in Peru earlier logged on 6141v kHz.

The following items from some of the "SWB América Latina" earlier received

by e-mail. All of the stations mentioned below can still be heard.

June 23: New Peruvian radio station on 5176.51 kHz!

5176.51 Radio La Amistad, possible QTH - Tayabamba, la provincia de Pataz, el departamento de La Libertad (Peru). June 23 2003 - 1120 UTC. Started Monday morning June 23 at about 06

local time in Quito and clearly stated it was a new station. IDs: "Radio La Amistad la nueva radio al servicio....." and "Radio La Amistad estå transmitiendo desde la poblacion de Tayabamba capital provincial de (Pataz??)". Said they transmit on FM and SW. The only geographic name i clearly hear is "La provincia de Bolivar" and an uncertain "Tayabamba". Both places are located in dpto "La Libertad". The fact that the station was heard well a whole hour after local sunrise here in Quito indicates a northern QTH, for instance "La Libertad". Very hard to hear the QTH 100% as the male DJ use a mike of inferior quality. Listen to a recording from this occasion: <u>http://homepage.sverige.net/~a-0901/</u>

Info from "Ventanaperù": Provincia de Pataz, cuya capital es Tayabamba. Sus distritos son: Buldibuyo, Chillia, Huancaspata, Huaylillas, Huayo, Ongòn Parcoy, Pataz, Pìas, Santiago de Challa, Taurija, Tayabamba, Urpay; con una población total de 63,688 hab.

1610.10 kHz Ecos del Portete, Giròn (Ecuador), June 16 2003 - 0200 UTC, 1610.10 kHz "Radio Sabor", unknown QTH (probably Perù). June 16 2003 - 0200UTC. Of course it is fantastic, almost incredible - 2 Andean stations on the same split, on the X-band where no Andean stations normally broadcast and at evenings nonstop Andean music. When our menber Hasse Mattisson/HM said that he heard a Unid Andean station on 1610.10 kHz we both supposed it was Ecos del Portete. Everything matched. I contacted Ecos del Portete by telephone and later got an e-mail from Sr. Àngelo, a reporter at he station. HM sent a tape recording but the music is not Ecuadorian and does not match what I hear from Ecos del Portete, a station mostly with Ecuadorian "rocolera" and "cumbia"-music. After careful frequency checking for many hours I finally got a bite! Actually there are 2 stations on the same split. The "newly added" station has music similar to that from HM's tape recording. Several evenings I have heard them with nonstop music without any sign of talk. Tonight, June 16, the station almost did nothing else than "ID-ed". Unfortunately with lousy signal. ID: ".....toda la gente Radio Radio Sabor". No idea of QTH and Ecos del Portete was heard simultaneously also with lousy signal. Portete in AM-mode and "Sabor" in USB mode with narrow bandwidth. To hear the name of the station is very hard so please send your comments if I heard something wrong. Listen to a recording from this occasion: http:// homepage.sverige.net/~a-0901/ where also the recording from 1610.10 Ecos del Portete can be found.

Reactivated station in Colombia!

4975.03 Ondas del Orteguaza, Florencia (Colombia). June 16 2003 - 1105 UTC. I stopped at the frequency during a religious programme and normally I should have continued thinking it was Radio del Pacifico. When Pacifico recently is on 4974.77 kHz, heard at the same time but weak, I waited for an ID. I have not heard the station for several years.

From BM in Quito. <u>Bjornmalm2003@yahoo.com</u> (Items translated by SWB-editor Thomas Nilsson)

60 METRE BAND.

Amateur Radio comes to 60 metre band

In a development which seems to have gone largely unnoticed by shortwave listeners, radio amateurs in the US are about to start using several frequencies just above the 60 metre band. At midnight local time on **3 July 2003**, it will become legal for certain classes of US radio amateurs to operate on channels centered on **5332**, **5348**, **5368**, **5373**, **and 5405 kHz**. The last channel is common to the UK amateur 5 MHz experimental band plan. The

channelised format is the result of a compromise between the National Telecommunications and Information Agency (NTIA), which administers spectrum occupied by US government users - the band's primary occupants - and the Federal Communications Commission (FCC). The channels will be available to General and higher class licensees. The FCC will allow up to 50 watts effective radiated power (ERP) on all five channels.

The Amateur Radio Relay League (ARRL), the national association representing US radio amateurs, says the 5 MHz channels might provide the best propagation in the event of a Caribbean storm or other disaster, when stations need to establish longer-range HF emergency communications links. Until now, emergency nets often have had to switch between 40 metres during the day and 75 metres at night. More information on the topic can be found on the ARRL Web site.

(Radio Netherlands Media Network.) Lets hope this is not the thin edge of the wedge. (ED)

FEATURED FREQUENCY this month is 9620kHz

	How many of these are	you able to hear and identify?
Time.	Station.	Country. Days. Language . Power. Site
0000-0500	Radio Exterior de Espana	1 Spain 1234567 SPANISH 350 Noblejas
0000-2359	Yugoslav Radio-Televisior	n Yugoslavia 1234567 Serbian 100 Beograd
0100-0500	Voice of Russia	Russia 1234567 Unknown 250 Armavir
0350-0700	Egypt Radio & TV Union	Egypt 1234567 Unknown 100 Abu zaabal
0800-1500	Radio Ukraine Internatior	nal Ukraine 1234567 UKR 100 Kiev
1600-1930	Voice of Russia	Russia 1234567 Unknown 240 Armavir
1800-1900	China Radio Internationa	Il China 1234567 Unknown 500 Urumqi
2000-2200	VOA - Voice of America T	hailand 1234567 Unknown 250 Udorn
2100-1600	China Radio Internationa	Il China 1234567 Unknown 50 Beijing
2130-2300	Voice of Russia	Russia 1234567 Unknown 250 Armavir
2200-2359	VOA - Voice of America	Thailand 1234567 Unknown 250 Udorn
2300-2359	Radio Exterior de Espana	1 Spain 1234567 SPANISH 350 Noblejas





dxissimo

Compiled by John Durham, Tauranga

ARGENTINA.

Radio Baluarte 6215 noted here in Tauranga at 1045-1115 on June 30.Fair copy. (ye Editor)

BOLIVIA

6053.9 Radio Juan XX111,San Ignacio de Velazco. 1055.SS "ID la radio que yo sintonizo.Radio Juan XX111 banda internacional de 49 metros .. Radio Juan XX111." (Arnaldo Slaen Argt. Via HCDX)

BELARUS

4982 kHz 0340.10 June in RR. ID "V efire Radio Stalitsa". Carrier was partially suppressed, therefore had to use BFO.1 think that the station had been relaying the 1st prg of Belarussian Radio. (Open DX .Yaroslav Derevyagin.Odessa.Ukraine. via Signal)

COLOMBIA.

4975.03 Ondas del Orteguaza,Florencia. Reactivated. Noted June 16 2003. —1103.Relig Prg.(Bjorn Malm,Quito, SW Bulletin June 29,Translated by editor Thomas Nilsson for DXLD)

CONGO DR.

7435.007, 1830 Lumumbashi (Stig Adolfsson, Sweden. SW Bulletin via DXLD)

JAPAN

- 3373.5 1018- NHK Mihara May 18 Fair reception of this 300w back up USB tx of NHK Osaka 2. English lessons about whales.Good with a fair amount of atmospheric static.ID for NHK at 1140.No SW Parallels noted.
- 3970. 1141 NHK Sapporo 1 May 19 good reception of this 600w back up USB transmitter carrying NHK 1.Paralles include 3259 600w NHK Kasuga,3607.5 900w NHK Shobu-Kuki,Tokyo.Later is best with Good/very good reception. At 1225 recheck,3607.5 and 3970 are no longer in parallel.At top of hour back in parallel.Also parallel to 6005 600w Sapporo 1.At 1300 all transmitters are off except 3970 which continues despite scheduled sign —off.(Walter Salmaniw.Grayland,WA Dxepedition.via HCDX)

MADAGASCAR.

3215kHz 1630-1655 Radio Feon'ny daily via R.Neth relay.This is a prg. of the Lutheran World Federation.(Andy Sennit via HCDX)

MEXICO.

XEXQ,Radio Universidad de San Luis Potosi, has reactivated their 49 meter band frequency of 6045kHz.Heard here in the mornings around 1200-1300 with classical mx format,occasional

ss announcment.Fair to poor in general.(John Wilkins,Wheat Ridge,Colorado.Corazon DX via DXLD)

PERU

- 4389 Radio Imperio, Chiclayo. 1022. June 15 SS Relig. (Arnaldo Slaen. Argentina via HCDX)
- 4790 Radio Atlantida.lquitos. 1028 June 15 Non stop romantic mx in SS.(Arnaldo Slaen Argt.via HCDX)
- 4826.6 Radio Sicuani. 1055. June 15 Andean mx and talk in Quechua.(Arnaldo Slaen Argt.via HCDX)
- 4950.5. Radio Madr de Dios.Puerto Maldonado.1036 S/on SS.(Arnaldo Slaen.Argt.via HCDX)
- 5009.7 Radio Altura, Chaupimarca. June 15.1046 ID in SS. (Arnaldo Slaen. Argt. via HCDX)

RUSSIA

Radio Krishnaloka drifting around 7435.8-7437.0 with strong signal first, then fading out after 0200.

They are schduled with tests 0100-0300 from a 150watt transmitter.Prg in RR airing sermons and cultural talks of the Krishna worship which originates fron India.(Anker Peterson. Denmark. Via Signal)

URUGUAY

- 6155 1111 Integracion FM, Acegua via Banda Oriental, Sarandi del Yi. ID and local advs. (Arnaldo Slaen .Argt. via HCDX)
- 6045.18 1922 Radio Sport Montevideo.Reactivated on SW.(Arnaldo Slaen Argt via HCDX)
- 6010 1650 Emisora Ciudad de Montevideo. 1650+ June 29 SS.(Arnaldo Slaen Argt.via HCDX)

VENEZUELA

4939.7 RadioAmazonas PuertoAyacucho, 0952+, June 08, SS. Very nice music. Announcment very low at 1000.(Arnaldo Slaen Argt.via HCDX)

ZAMBIA

4910 ZNBC Radio 1 is active again on this freq. Noted on June 25 at 1803 tune in with News in EE.At 1812 ZNBC Radio One ID and into local lang..Decent signal.(Jari Savolainen Finland. Via DXLD)



utilities@radiodx.com Compiled by Evan Murray, Auckland

Aeronautical news.

Flying on a delivery flight from Pago Pago, American Samoa, a Convair 580 found itself in navigational difficulties, and but for the support of a USAF Starlifter might have been in serious trouble. On the afternoon of 18 June the Convair caused an emergency alert to be launched

by the National Rescue Coordination Centre in Wellington as they weren't sure of their position and whether they had enough fuel to get to New Zealand. The Starlifter was diverted from its Christchurch track, located the Convair and was then able to direct the aircraft to Gisborne. The cause of the emergency was believed to have been due to incorrect programming of long range navigational equipment before the plane left Canada. Oh Canada !!

(NZ Herald of 4 July 2003)

The Raven Gang. This pseudonym describes the activities of the New York Air National Guard 109th Wing stationed at Schenectady County Airport, New York. Readers will be acquainted with the operations of the 109th recorded by John Charlton in his loggings of 9032 Khz in their flights to the Antarctic see November and December 2002 Utilities column. Unfortunately the bulk of information came to hand too late to compose a piece for this issue of the DX Times. However this article will be continued in the August issue. *(Pacific Wings magazine and John Charlton)*

Maritime news.

From his archives member John Charlton reports on a logging on 1 September 1955 when he monitored Rainbow Warrior with Keri Keri Radio; the Warrior was, at the time, one of a large flotilla of yachts in the Mururoa area protesting at the French nuclear explosion area in the atoll. John's QSL, from Kiwi crew member, Tim Gorter, confirms the logging, a communication between the Warrior and Keri Keri Radio on 4445 khz at 0747 UTC. Tim used a Sailor Marine Band HF set, emitting peak power of 120 watts with an ATU attached to a horizontal long wire strung from the deck to the top of the mizzen mast, this caused interfering HF problems with their satellite equipment. This set up worked well for transmission signals but for reception an Icom 9000 with a vertical tuned whip was used. An effective communication centre for working roll calls, as a base station and for relay work with Keri Keri Radio was therefore

found to be efficient. Tim ends by saying that a real cachet stamp of the seal was not available but that he has made this drawing.

Peter Chambers sends news of his monitoring of 4525 khz which is used by vessels operating on inland waterways of South Island lakes and fiords. Base stations heard were ZLSC Manapouri, Motorell Manapouri, ZLRJ Te Anau, Te Anau workshops with Fiordland and Delta from unknown locations. Vessels logged were Motorell, Fiordland Express,





Fiordlander II, Milford Monarch and Milford Haven. The use of HF is due to the terrain in the South Island over a vary large area. Best listening times are 0830 and 1615 local.

FIORDLAND TRAVEL

Freedom 416/ Auckland SC check. EM

Santiago/Argentine 113 with posn. EM

Auckland Volmet with Wx for Christchurch. EM 6679 0921 6679 0930 Honolulu Volmet with Wx for Guam FM Khabarovsk ACC in Russian. EM 6692 0924 6692 1005 Khabarovsk in Russian, JC 6754 0923 Trenton Volmet with Wx for Bagotville. EM 8825 0934 Reach 3/Santa Maria Make your request to? EM Honolulu Volmet with Wx for Vancouver. EM 8828 0926 8843 0952 Malavsia 956/San Francisco 2869 Secondary 5547 Primary SC QRDH. EM Sal/Springbok 211 continuing with Santa Maria. JC 8861 0454 8861 0509 Santa Maria/Air France 455. JC 8867 0120 Japanair 762/Auckland Contact Auckland on 123.9. EM 8867 0122 Airvan 751/Auckland Contact Nadi this frequency. EM 8867 0125 QF 35/Auckland contact Christchurch on 128.1. EM 8867 0134 Air Canada 324/Auckland Posn North Island 0133 Temp à44(. EM Nadi/French Navy 5254 Posn at 0133 Maintaining FL 330. EM 8867 0135 Lima Flight Support/Various including American 907. SC AH-LQ. JC 8885 0507 8894 0529 Nouadhibou heard in the hash. 99% sure. JC 8894 0507 Algiers/MKA 193 Advised to call Nigmev this frequency. JC 8894 0507 Niamev/MKA off Tripoli 0304 destination Lagos 0722 SC BD-AC. JC (MKA is a Ghana reaistered airline flying DC9 and B747 aircraft) 8942 0937 Singapore (?) with Unid aircraft. EM 10024 0819 Cenamer/Varia 9784 FL 280. JC Mexico (Citv)/LAN Chile flight. JC 10024 1019 North West 28/San Francisco Climb to FL 320. EM 10048 0929 10051 2142 New York Volmet with Wx for Washington Dallas. EM 11253 2148 Architect with Wx barely audible. EM **Contributors**

JC John Charlton, Greymouth with Kenwood 5000 and 30 m wire EM Evan Murray. Auckland with Kenwood 5000 and T2FD

Contributions may be sent to 14 Kia Ora Road, Birkdale, Auckland (09) 483-9543 e-mail to <u>varrisian@paradise.net.nz</u>

5643 0104

6649 0905

adcom.news@radiodx.com Compiled by Bryan Clark, Auckland



<u>WELCOME TO NEW MEMBER</u> RAY DAVEY, 8a Lune Street, Oamaru. Ray has been interested in shortwave listening for many years and has attended past DX conventions in North Otago. And he's not our first member from Lune Street — TED SUTTON, a member back in the 70s and 80s lived at number 27!

SPECIAL CONGRATULATIONS to DX League Competitions Secretary and former DX Times Editor **ARTHUR DE MAINE** on his recent marriage to Dorothy. The newly-weds combined the event with their recreational interests by taking guests on a South Canterbury cross country adventure in a Unimog vehicle before the wedding. According to reliable sources, the Icom ICR70 receiver and some antenna wire went along for the ride too, but Dorothy was heard to say the next day "we won't be coming back here again, its no good for DX!"

THE BUDGET-CONSCIOUS HOBBYIST Member STANLEY TAYLOR of Waitakere City shares his efforts to secure good SWL equipment at a far price! "Upon retirement, I became interested in shortwave listening again. Without heaps of money to spend, I had to search for good quality radios cheap! My only new purchase/swap was a Sony SW77 worth NZ\$2000 brand new from Grove Electronics in the United States. The 'Trade and Exchange' paper was a great help. First, a National RF-B600L old and battered, but worked well. Then a great find, a Hallicrafters SX100 Mk2 valve radio. It looked and worked as new, cost \$120 complete with speaker and transformer. Wow, the stations this radio captures! Then at the Avondale Market, \$20 for a JVC Nivico all band portable? (it weighs 14.7lbs) dating from the sixties and works well, but could do with an overhaul. Next up, a Sony SW07 with a broken aerial, \$60 from Dollar Dealers - a fantastic small radio. A Sony SW1 complete kit, just \$50 from a garage sale and lastly a Phillips D2999 still in original packaging \$220 from a shop in Albany. Which all proves that one doesn't have to spend heaps to obtain good radios. Of all these purchases, my favourites are the Hallicrafters and the Phillips D2999." Thanks Stanley, you've done extremely well.

2004 CONVENTION? Next year marks the 50th anniversary of the formation of the DX League's Auckland Branch back in 1954. Foundation member **BARRY WILLIAMS** is keen to hear whether DX and SWL enthusiasts from outside of Auckland would be interested in attending a gathering of hobbyists to mark the occasion. Please contact Barry at P.O. Box 3011, Auckland, or by email to <u>barrydx@paradise.net.nz</u>

HARRY VAN GELDER the host of Radio Netherlands' popular "DX Jukebox" programme (forerunner to "Media Network") passed away on 24 June. Although he retired in 1976, Harry is still fondly remembered by many long-time listeners. Although he had lost his sight, Harry's general health remained good right up until the last weeks of his life. Chris van Gelder , who followed in his father's footsteps with a career at Radio Netherlands, tells us that Harry's mind remained alert, and he was a frequent listener to Radio Netherlands. VICTOR **GOONETILLEKE** in Sri Lanka, who was a regular reporter for DX Jukebox sums up eloquently what many people feel about Harry:

"People of our generation - neither young nor old - owe it to ourselves to pay tribute to Harry Van Gelder. For what we are and for the countless hours of iov we received from our shortwave radio life style, we owe much to Harry Van Gelder. Who amonast us, who came into the hobby in the second half of the last century can forget Harry and his cheery voice every Thursday on Radio Nederland's DX Juke Box. Most of us started out as casual short wave radio listeners and it was Harry who made us discover the fire we had within, for the hobby of DXing. It is Harry who taught us to be more technical than casual short wave radio programme listeners. For people like us the only regular source of radio information was DX Juke Box. From Harry we discovered what QSLs were, how to give our antennas some gir, to multiply our Q, and to crystal calibrate ourselves and go on to pick up the finer points of radio and DXing. Harry's death takes me back to the golden years of radio and DXing and my own youthful years. Names like EDDY STARTZ, ARTHUR CUSHEN, JENS FROST, ARNE SKOOG and amona a few more Harry Van Gelder warms our hearts with joy for what those fine humans gave to their fellow men in their chosen field. They have gone having enriched our lives bringing joy to millions in our day. We shall always remember. May he rest in peace that he richly deserves." (via Radio Netherlands)



Radio Netherlands issued this QSL card to mark Harry van Gelder's farewell broadcast on 16 September 1976. The picture shows Harry with some of the awards he won from DX organisations during his career.



tv.fm@radiodx.com Compiled by Adam Claydon, Te Kuiti



Micro FM Dunedin

28th June at 0505 UTC heard on 88.1 - WWA??? 88.1 tune it in and tear off the knob. Fair bit distorted here. Modern music.

30th June at 0510 UTC. On 88.1 Advert for Aoraki Polytechnic c/o 246 Cumberland Street Dunedin. Then announcement "The morning after show brought to you by Velocity 88.1". I rang the Aoraki Polytechnic up for some information and it seems this station "Velocity" is used as a training tool for advanced students in radio etc. They go around and sell advertising to businesses. Do promotions, etc. They apparently do it in 2 weekly sessions. Other stations on Micro band still the same as at this moment. (George Rolton, Dunedin)

Can Auckland Support Two More Stations? The government recently announced it will auction off two brand new FM commercial frequencies for Auckland later this year. Some would love the opportunity to introduce a new station in the country's largest market. Others say the market is already over-crowded, and any new players will simply cannibalise the advertising revenues of existing stations. *(Median Strip July 5)*

Trans-Atlantic reception on VHF-FM On June 26, 2003 at 1850-2020 GMT, there was propagation across the Atlantic from Canada/USA to the UK on Band 2 FM. At 1900 UTC, Paul Logan in Lisnaskea, County Fermanagh, Northern Ireland recorded the top-of-the-hour ID from WHCF Bangor, Maine on 88.5 MHz At 2000 UTC David Hamilton in Ayrshire, Scotland recorded CBTB-FM from Baie Verte, Newfoundland on 97.1 MHz. Paul Logan also heard this station at the same time.

There are MP3 audio clips of these - <u>http://www.dxradio.co.uk/transatlanticfm.html</u> The Fisheries Broadcast in clip 1 from CBTB-FM is hosted by John Murphy -

<u>http://stjohns.cbc.ca/fisheries/hosts.jsp</u> This show goes out at 5.30 pm in Newfoundland, which in summer is 2000 GMT

The 2nd clip of CBTB-FM is a local news story also detailed on the <u>http://stjohns.cbc.ca</u> Website <u>http://Stjohns.cbc.ca/regional/servletView?filename=nf_warren_verdict_20030626</u> (Mark Hattam via Bryan Clark)

Generator Faces Switch-Off Former Waikato radio announcer lain Stables is threatening legal action to wind up Hamilton station The Generator because of unpaid debts. In February 2002 Mr Stables entered into a three-year renewable lease agreement with the station to broadcast on his frequency, 92.5 FM. He alleges the station has defaulted on \$9800 payment, \$4000 of which is over 90 days in arrears. *(Median Strip July 9)*

New LPFM Rules To Tighten Up The 'Guardband'

The Ministry Of Economic Development has eased off on plans to considerably restrict the 'linking' of transmitters by low-power FM (LPFM) frequency users, issuing new regulations this month which do not go quite as far an initial draft circulated last month. However, the

changes do still represent a significant advance in policing of the guardband. Widescale simulcasting on multiple guardband frequencies, to gain wider coverage, will be restricted - but not in quite the way first proposed.

From October 1, LPFM radio operators may not use "more than one low power FM transmitter broadcasting substantially the same programme (including simulcast or retransmission)" within 25 kilometres of the broadcast transmitter. This is designed to prevent one operator from 'hoarding' large tracts of guardband spectrum in a bid to achieve the coverage equivalent of a full-powered radio station.

"A major issue in promoting local broadcasting is how to facilitate cheap and easy access to a range of local broadcasters using the relatively limited spectrum available in each city or town, which is clearly not possible if some operators use concentrated networks of transmitters," says MED Senior Policy Analyst Karl Simpson. "The coverage limitations and sharing requirements means that LPFM should not be expected to emulate high-power broadcast coverage.



Map showing location of Radio Hauraki Network Stations

"However, there is no change, as had been initially mooted, in the rules which would stop operators broadcasting the same 'station' on several guardband frequencies, so long as the transmitters are more than 25km apart. Several LPFM and high-power operators do this, including Radio Rhema and George FM.

"This allows LPFM broadcasters to continue to source programming from LPFMers outside their area and for LPFMers in different areas to use the same third party source programme - such as rebroadcasting a New Zealand station or from an Internet source," says Simpson. All LPFM stations are now required to broadcast the contact details of the person responsible for the transmissions once every three hours, making it easier for officials to contact operators without having to roam the streets with tracking equipment to find them. All signals must also now consist of 'broadcast programmes', which means no broadcasting silence or static. As earlier indicated, transmissions on the frequencies 88.5 MHz, 88.6 MHz and 88.7 MHz are no longer permitted within 120km of Auckland's Skytower (due to the unusual location of the Mai FM frequency, on 88.6FM). 'Maximum peak radiated power' has been increased to -3dBW (500 mW) EIRP. (Median Strip July 9)

unofficial.radio@radiodx.com



Compiled by Paul Ormandy, Oamaru

Hi all. Clandestines are interesting stations to tune to. Not many are in English and music doesn't figure highly in the programming so listening value isn't the greatest. Their real interest comes from the reasons why they are broadcasting in the first place and the politic behind the scenes. The best source of current information is on the internet at <u>www.clandestineradio.com</u> though for those of you without internet access, several organisations pay special attention to clandestine broadcasts and provide useful schedules. Below is one such listing from the good folk at Bulgaria's "Observer" DX group, via Glenn Hauser's "DX Listening Digest":

INTERNATIONAL [non]. Summer A-03 schedule for some clandestines stations as of June 15

IBC Tamil Oli Radio in Tamil: 0000-0100 Daily 11570 NVS 100 kW / 180 dea Hmona Lao Radio in Laotian: 0100-0200 Fri 17540 TAC 100 kW / 131 dea Radio Sedove Pavem e Doost in Farsi: 0230-0315 Daily 7460 KCH 500 kW / 116 dea Voice of Homeland in Arabic: [for SYRIA] 0330-0400 Daily 7510 SAM 250 kW / 188 dea Voice of Mezopotamya in Kurdish: 0400-0800 Daily 15675 KVI 200 kW / 110 deg Voice of Mezopotamva in Kurdish: 0800-1600 Daily 11530 KCH 500 kW / 116 deg Voice of Tibet in Tibetan/Mandarin Chinese: 1212-1300 Daily 15660/15670 DB 100 kW / 117 dea 21560/21570 TAC 100 kW / 131 dea Radio Free Vietnam in Vietnamese: 1230-1300 Mon-Fri 9930 WHR 100 kW / 285 dea **IBC Tamil Oli Radio** in Tamil: 1230-1330 Daily 17495 MDC 050 kW / 055 deg Radio Togo Libre in French: 1300-1400 Mon-Fri 21760 MEY 250 kW / 328 deg Que Huona Radio in Vietnamese: 1330-1400 Mon-Sat 9930 WHR 100 kW / 285 dea Voice of Khmer-Krom in Khmer: [for VIETNAM] 1400-1500 Tue 15660 VLD 250 kW / 230 dea Voice of Tibet in Tibetan/Mandarin Chinese: 1430-1517 Daily 17520/17540 TAC 100 kW / 131 dea Democratic Voice of Burma in Burmese: 1430-1530 Daily 5910 TAC 100 kW / 132 deg 17495 MDC 050 kW / 055 deg

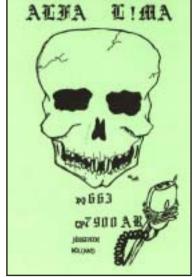
Voice of Homeland in Arabic: [for SYRIA] 1500-1530 Daily 12085 SAM 250 kW / 188 dea 12120 SAM 250 kW / 188 deg Voice of Liberty in Arabic: [for LEBANON] 1600-1700 Daily 11645 SAM 200 kW / 224 dea Radio Anternacional in Farsi: 1630-1700 Daily 13800 KCH 500 kW / 116 deg Voice of Iran in Farsi: 1630-1730 Daily 17510 ISS 500 kW / 090 deg Voice of Komalah in Farsi: 1700-1800 Sun 7560 KVI 200 kW / 110 dea RTV Mezopotamya in Kurdish/Farsi: 1700-1800 Tue/Wed/Fri 7560 SAM 250 kW / 188 deg Dejen Radio in Tigrina: 1700-1800 Sat 12120 SAM 250 kW / 188 dea Radio Solidarity in Tiarina: 1700-1800 Sun 12120 SAM 250 kW / 188 deg Sagalee Oromiya in Oromo: 1730-1800 Mon/Thu 12120 SAM 250 kW / 188 deg Voice of Eritrean People in Tigrina: 1730-1800 Sun 9990 KVI 200 kW / 140 dea Voice of Ethiopian Mehdin in Amharic: 1800-1900 Sun 7520 ARM 200 kW / 235 dea Voice of Ethiopian Mehdin in Amharic: 1830-1930 Sun 12120 SAM 250 kW / 188 deg Radio Sedove Pavem e Doost in Farsi: 1800-1845 Daily 7480 KCH 500 kW / 116 dea Voice of Reform in Arabic: [for SAUDI ARABIA] 1800-2000 Daily 15705 KVI 500 kW / 125 deg Jakada Radio International in Hausa: 1900-1930 Mon-Fri 15170 MEY 250 kW / 335 deg Voice of Ethiopia WS in English: 2000-2100 Sun 7520 KVI 200 kW / 140 deg Radio Togo Libre in French: 2000-2100 Sun 12125 MEY 250 kW / 335 deg Voice of Biafra International in English: 2100-2200 Sat 7380 MEY 250 kW / 335 dea Fana Guana Mina Radio in Mandarin Chinese: 2100-2200 Daily 6035 SAM 200 kW / 297 deg 9625 SAM 200 kW / 297 deg Democratic Voice of Burma in Burmese: 2330-0030 Daily 9435 JUL 100 kW / 080 deg 9760 MDC 200 kW / 055 deg

(Observer, Bulgaria, June 17 via DXLD)

And following on the earlier article about Dutch authorities cracking down on pirate broadcasters, here's an interesting updater from Alfa Lima International:

Yesterday the Dutch authorities have been discussing the actions against the Dutch pirates in the government. It seems that lots of politicians are supporting in some strange way the Dutch pirates and lots of them are speaking of missing the pirates. Also some idea's have been launched how to let them stay active. some of them are: A special spot on the 2/3 meter band for the pirates where they can transmit or just letting them be as long they don't mess up and don't interfere with other official stations. It is a very known fact that most of the pirates are observing frequency's very careful before using it and if the power is not to big they could use it without interfering something. Pirating the airwaves is a thing that is existing in the Netherlands just as long as there has been official radio and TV. Our thoughts is they own the right to be there as they have been there so long. Also pirate stations did so much for the history of Dutch radio.

Just take a look at the long list of dj's that started their career with pirate radio, Pirate radio also played in the early days the music none dared to play, now we hear it every day. Looking at the North East part of the Netherlands we see a huge pile of pirate stations that are playing Dutch folks music that the official stations never play. Also a reason for existing rights. Talking about Pirating we also drift in our thought to the war here in Europe in the 40's. Lots of the resistance use illegal home brew transmitters to contact London witch is also a somekind of pirate radio. I could write here for hours with the why's and how's but it all comes to the same.. I hope Pirate radio get's his change to survive all over the world. If the governments are willing it could be done, only get them willing could be a problem. We hope not. Greetings and Free Radio For Ever. Alfred Zoer (Alfa Lima International)





Alfred Zoer in the Studio of Alfa Lima International

broadcast.dx@radiodx.com broadcast.news@radiodx.com



Compiled by Tony King, Greytown

Sutton Burtenshaw, reports there's been a bit of void since Tiwai so started on some NZers to 'keep the ears in'. Reports away to 1XPI 531, 1XCB 1593, 1XCM 936 and AM 990 Chinese Radio.

Veries in from WBT 1110 (card) and WDHP after e-mail follow-up. WDHP Signer is Ms Beverley Meyers, Operations Manager, Reef Broadcasting Inc. (Parent Company) They sent verification message on 'Subject' page and form letter verification as an attachment. Report was sent to <u>wwra@islands.vi</u> and verie returned from same. That's country #103 for me. *Good one Sutton* !

David Ricquish, Wellington, keeps us posted as always, from Wellington and tells us its been a quiet month. Not much time for DX and sending reports or follow ups. Conditions pretty poor most nights anyway.

Logs: 4XA Radio Central 531, Radio Pacific 738, 2XK Radio Kahungu 765, 2PB 630, 4PB 936, 2AD 1134, 2SM 1269, 2PB 1440, 2PB 1458

QSLs: Radio Waatea 603 (em + letter + sticker + program guide), 1XHC Community Access 1206 (em + letter + heaps of stickers), Lite FM 1260 (em), 4KQ 693 (em), 7RPH 864 (em) plus CKAY 1500 (1kW) QSL letter from 1975 found whilst sorting through old radio papers and now added to QSL database!

Arthur De Maine, Kakanui has a QSL back from the sortee to Tiwai, from KNBR 680, and two logs WTAW 1620 and KOA 850. Things can only get better/warmer Arthur !

Paul Ormandy, Oamaru, celebrates with a QSL from 1330 HIRV Radio Vision Cristiana, Santo Domingo, Dominican Republic. Form VL from Peter Polanco, CE for RVC. For EE report with CD and US\$1-00, sent to WWRV, P O Box 2908, Paterson NJ 07509-2908. Peter says the txmtr output is 3kW fed into a single 180ft antenna. E-mail addr: <u>radiovision@sprintmail.com</u>. *Nice one Paul !*

DX NEWS

AUSTRALIA

1422 6GS Wagin **adds** this frequency //1611 and will eventually stream separate program here, probably based around TAB, local sports and farming news format. This is HPON licence. Power 2kW will extend coverage around Wagin for current signal.

1611 6GS Wagin now //1422 and will eventually stream separate program here, probably music format.

Interesting use of two licencing arrangements - the non BCB 1611 low power (500w maximum) but full commercial licence, and the higher powered HPON licence for narrowcast formats,

NEW ZEALAND DX TIMES

often used by TAB or ethnic broadcasters (such as Radio Italia). Under common ownership in the same radio market.

Expect more interesting combinations with non-BCB (1611-1701 AM), HPON and commercial licences in the future. Particularly in rural Australia where broadening the range of formats and content available to local listeners (extending choice) is now a federal priority. Co-incidentally, Australian radio ownership is consolidating and regional brands (such as Easy Listening) are starting to emerge, much like in New Zealand.

So, a push for more choice, whilst local AM stations increasingly convert to networked programs. The choice part of the package seems to be increasingly left to community, ethnic and special interest broadcasters, often on FM.

But, with 1kW domestic SW broadcasts now allowed, **any** existing commercial, community, HPON, or non-BCB licence holder can apply for a SW licence and plug the AM/FM coverage gaps until a second round of 1611-1701 licences are issued.

David Ricquish

USA

X Band QSL Info:

1680 KTFH Address: 2815 Second Ave. #550, Seattle, WA 98121. V/s Monte Passmore CE. (Patrick Martin, IRCA DXM and P Ormandy.)

1630 KNAX TX, Fort Worth, after trying several times sending reports to the station, I sent my report to the Company HQ in KY, after a tip from DXer Terry Palmershein. Received QSL card and letter along with stickers from two Lexington KY stations, and business card in 10d, for taped report with a SASE. Address: Mortenson Broadcasting Company, 3270 Blazer Parkway, Suite 101, Lexington KY 40509-1847. V/S: Dennis Blais-CE. (Patrick Martin, IRCA DXM)

1640 WTNI Joel Robertson, CE; Mississippi Media Broadcasting LLC; WTNI-AM, 1909 E Pass Rd, Suite D11, Gulfport MS 39507; LB;

PAPUA NEW GUINEA:

900 Goroka reactivated. (David Ricquish, Wellington via Greylinedx via David Onley, MWOZ)

PHILIPPINES

The following monitoring information was supplied by Geir Stokkeland from listening on location. Comments have been added by Alan Davies. Here are the differences I can find compared to WRTH-03. I've also added some notes from a partly illegible letter sent to WRTH editor from a reader Leo Catajoy in PHL.

- 567: Naga City, PBS with callsign DWRB (I suspect WRTH is right to list DWRP), agrees with my obs. this is ex-549, freq already updated in WRTH03
- 603: Naga City, new callsign DZLL ex-DWLV
- 621: Virac City, new PBS station DZBC or DZBZ (Catajoy says callsign is DZVC in Virac, ex-DZBU Legaspi C., Albay; PBS website agrees with DZVC Virac and does not list any station in Legaspi City, see http://www.pbs.gov.ph/profile.htm for list of PBS callsigns

and addresses but no frequencies)

- 765: Cebu City, new callsign DYAR ex-DYCB (this agrees with my observation from March '01 so WRTH-04 needs to be updated)
- 882: Calbayog City, new callsign DYOG ex-DYJR (PBS website agrees with DYOG)
- 981: He tentatively suggests callsign DYBJ rather than DYBQ
- 1008: DXXX heard on 1010 kHz
- 1071: Talisay, Camarines Nte Prov, new station DZSL
- 1179: Tentative new station in Koronadal, no other details
- 1242: DXSY heard on 1247 kHz
- 1260: Lucena City DZEL ex-1053 kHz
- 1296: Roxas City, Capiz Prov: DYJJ ex-1287
- 1323: DXAD heard on 1321 kHz
- 1431: DYKS heard on 1427 kHz
- 1548: Dagupan City DZST new callsign ex-DWDP; other observers and myself agree that the callsign has changed, but to DZSD, so WRTH-04 needs to be updated)
- 1584: Talavera DWBR, new callsign ex-DZDF (change has been confirmed in report from Roland Schulze)
- 1593: Marawi City, new station DXSM (WRTH lists DXSM for Jolo 774 kHz, and PBS website also lists DXSM Jolo; Catajoy says it should be DXFM on
- 1539 operated by Lanao Radio / TV Broadcasting Corporation)

(GeirStokkeland, Alan Davies via Arctic/IRCA DXM)

ST. PIERRE & MIQUELON

The only mediumwave transmitter in St. Pierre et/Miquelon has gone off the air. RÈseau France Outre-mer (RFO) in St.Pierre on 1375 kHz was closed down on March 31, 2003. Transmissions from the French island now continue only on the FM band and on the Internet. (**DXing.info**, **May 2, 2003)(IRCA DXM)**

Reception Confirmation

TURKS & CAICOS

Radio Vision Cristiana, International -530AM South Caicos, Turks and Caicos Islands British West Indies

Which I have heard in Miami, sent me a full detailed QSL. Mr. Peter Polanco, Chief Engineer of the station, wrote: "Radio Vision Cristiana International broadcasts at a power of 40 kW into a single 485 foot antenna using a Nautel Brand Ampfet50, 50 kW AM broadcast transmitter. This transmitter facility is located at the North end of South Caicos. Our main office and studios are located in Paterson, New Jersey and our program audio is distributed via Galaxy 6 satellite. Our local Manager on South Caicos is Mr. Wendell Seymour. He has been with the station since it was the Atlantic Beacon on 1570 AM prior to 1991". E-mail address: radiovision@tciway.tc (Kyriakos Dritsas, Thessaloniki, Greece, DSWCI DX Window April 10 via DXLD)(IRCA DXM)

1020 Super Power 1020, Grand Turk has been heard with strong signals in Canada and in the US. "Probably a recent reappearance, since they mentioned they were running transmitter tests. Judging from their signal last night, they should be quite widely heard". (Barry McLarnon, ON, April 19, NRC-AM via Arctic)(IRCA DXM)

NEW ZEALAND DX TIMES

HAWAII

620 HAWAII, Hilo, KIPA 5/19 recheck showed KIPA back on the air //KKON-790 but a very weak signal, even weaker than 500 watt KUAU 1570 and much weaker than the old 1 KW KAHU-1060. It's only audible at night so this must be the Hilo-area tower and not one of the West Hawaii sites that aired a synch signal. I made a follow up call to sister FM station 6/04 and the DJ there said that a change in management in delaying some of the repairs. Now uses the slogan "The Voice of Hawaii". **(Dale Park, HNL; IRCA DXM)**

1060 HAWAII, Hilo. KAHU Per phone call to station 6/4. Station's address is now 1990 Kino'ole St, Hilo 96720-5241 and mailing address is PO Box 515, Hilo HI 96721-0515. Talked to owner/ GM Buddy Gordon, who says he uses a Mainland consulting eng. firm and not a local CE. **(5P-HI) Dale Park HI (IRCA DXM)**

WEBSITES

<u>http://groups.yahoo.com/group/webreceivers/</u>. There are already over 50 web radios on the internet(radios you can tune) including the Javaradio Network with over 20 radios of their own. (Paul Ormandy)

IRCA member Steven Wiseblood has created <u>www.stevenwiseblood.com</u> as a resource for Central American DXers. As he puts it, "we will try to feature the latest information on Mexico, Central American & Caribbean Broadcasters". In the site, he keeps broadcasters and maps of the region, a photo gallery, and links to frequency lists and radio clubs. Much of the site is geared to FM and TV, but AM is there. **(IRCA DXM)**

I discovered the AM DX Resource-it's a list of links as well as original content-but covers various aspects of the hobby (including IRCA!) It's at <u>www.amfmdx.net</u>. (**IRCA DXM**)

Bruce Portzer found "The Tick", now that Clear Channel has taken over WWV (hi). You have to hear it at http://www.mindspring.com/~lownoise/wwv.html (IRCA DXM)

Website for Aussies

There's an excellent list of websites here, and some really attractive logos for the majority of mainstream Aussie stations on AM/FM. <u>http://www.radioinfo.com.au/industrylinks.php</u>



U.S. X-BAND AT A GLANCE July 2003 Compiled by Tony King, Greytown, New Zealand

1610 1620	CJWI WBUB WDND KOZN WTAW KBLI KYIZ KSMH WDHP	Montreal QUE Atmore AL South Bend IN Bellevue NE College Station TX Blackfoot ID Renton WA West Sacramento, CA Frederikstad, US Virgins	FF Caribbean music. Yet to be heard in US x WPHG & WPNS ESPN Radio 1620 ESPN Sport ."The Zone" 'Newstalk 16-20 WTAW' CBS Nx SS "Radio Fiesta" Urban/Contemporary Soul Rel. "Catholic Radio KSMH" BBC WS to 0900. ID at :59
1630	KCJJ	lowa City IA	Hot AC /Classic Rock
	KKWY	Fox Farm WY	C&W AP nx " K-W-Y"
	KNAX	Ft Worth/Dallas TX	SS. Radio Vida/ Radio Dos Mil Dos. EE ID :58
	WTEL	Augusta GA	'Newstalk 1630 WTEL' x WRDW
1640	WKSH	Sussex WI	Disney
	KDZR	Lake Oswego OR	Disney
	KDIA	Vallejo CA	Talk/religious/life issues
	WTNI	Biloxi MS	"news,Talk, AM1640 WTNI" ABC News
	KMKZ	Enid OK	Construction Permit granted. Pwr FCC approved
	KBJA	Sandy UT	SS/Radio Unica EE ID on hour
1650	WHKT	Portsmouth VA	"AM1650 WHKT Portsmouth, Radio Disney"
	KDNZ	Cedar Falls IA	Talk/ Sport "The Talk Station"//KCNZ
	KWHN	Fort Smith AR	'Newstalk 1650 KWHN'
	KBJD	Denver CO	Talk. "KNUS-2"
	KFOX	Torrance CA	Korean/ EE ID on hour
1660	KTIQ WWRU WQSN KRZX KQWB KXOL KXTR WGIT	Merced CA Elizabeth NJ Marco Is FL Kalamazoo MI Waco TX West Fargo ND Brigham City UT Kansas City KS Canovanas PRico	Sporting News Network 'The Ticket" PP & SS Radio Unica/R. Portugal. CP10kw nites 'Newsradio 1660' AP nx. Sports/talk ESPN "Newstalk KRZX" (off 0600 UTC) Standards "Star 1660 is KQWB AM' CNN news "Oldies Radio" (60's rock) 'Classical 1660' SS oldies "El Gigante"
1670	WRNC	Warner Robins GA	Urban Gospel "1670 The Light"
	WTDY	Madison WI	Sports/Talk. "The Big one is 1670 WTDY" "The Team"
	KHPY	Moreno Valley, CA	Radio Catolica SS (nites) s/off 0800 UTC. EE s/off.
	KNRO	Redding CA	"Redding's ESPN Radio 1670 KNRO'
1680	WTTM	Princeton NJ	Ethnic - Hindi
	WTIR	Winter Garden FL	"Traveler Information Radio"
	WJNZ	Ada MI	Urban/AC
	KAVT	Fresno CA	Disney/SS
	KTFH	Seattle WA	"The Bridge, AM 16-80 KTFH Seattle."
	KRJO	Monroe LA	Gospel. "Gospel 1680"
1690	KDDZ	Arvada CO	Disney
	KFSG	Roseville CA	SS rel. 'regional Mexican' x KSXX. EE ID on hr
	WPTX	Lexington Park	"Newstalk 1690 WPTX" CNN News
1700	WJCC	Miami Springs FL	SS/Rel/"Radio Luz"
	WEUV	Huntsville AL	Black Gospel. "Music of your Life.//1600 WEUC 1kw
	KTBK	Sherman TX	Sporting News Radio "Sports Radio 1310 KTCK."
	KBGG	Des Moines IA	'The new AM 1700 KBGG". CNN
	KQXX	Brownsville TX	'Oldies Radio 1700 AM'

E-MAIL RECEPTION REPORTS Compiled by Ian Cattermole, Blenheim

These days I send 95% of all reports by e-mail. While many international broadcasters accept e-mail reports most will verify by conventional snail-mail QSL cards. It is therefore important to include postal address for that reason, and also, I believe a common courtesy to let the station know just who you are and where you live. Some verify by a simple e-mail message and recently there seems to be a trend to what they call e-cards which is a printed QSL card sent electonically. Some of these are quite attractive with many colours while others are simple black and white. Advantages of using e-mail reports are of course, cost saving in postage and instant delivery and ease in referring back to a sent report. They must also be a great time-saver to the recipient, especially those who reply by e-mail.

Over recent years I have been indexing e-mail addresses which did not appear in WRTV and PWBR publications. Of course some do now appear in later editions.

Here is a list of e-mail addresses from my index.

COUNTRY	BROADCASTER	EMAIL ADDRESS
ARMENIA.	Voice of Armenia.	armen@arm.r.am
AZERBAIJAN.	Azbak Radio.	root@aztv.baku.az
AWR transmissions.		letters@awr.org
AUSTRALIA.	Voice International.	Dxer@voice.com.au
	HCJB.	english@hcjb.org.au
AUSTRIA.	TWR-Europe.	eurofreq@twr-europe.at
AFGHANISTAN.	V.of Afghanistan.	afbc2001@hotmail.com
	Radio Afghanistan.	radioafg@yahoo.com
Belguim.	TDP (Ludo Maes)	tdp@tijd.com
	RTBF.	rtbf@rtbf.be
BANGLADESH.	Radio Bangladesh.	rrc@aitlbd.net or dgbetar@drik.net
Bhutan.	Radio Bhutan.	bbs@bbs.com.bt
BULGARIA.	Radio Bulgaria.	rbul@nationalradio.bg
Belarus.	Radio Hrodna/Minsk.	RadioGrodno@tut.by
Bolivia.	All station with e-mail on	. http://www:schoechi.de/as-bol.htm
Costa Rica.	RFPI.	radiopaz@rasca.co.cr
CROATIA.	V. of Croatia.	zklasan@hrt.hr or D.Pavlic@hrt.hr
CUBA.	RHC.	radiohc@ip.etecsa.cu
CONGO.	Radio Okapi.	schleger@un.org
CLANDESTINE.	World Falun Dafa Radio.	editor@falundafaradio.org
	Chan Choi Moi (CTM)	ctm@radioctm.com
DOMINICAN REP.	R.Amanecer.	adra@codetel.net.do or
		amanecer@tricom.net
ENGLAND.	BFBS.	marina.haward@bfbs.com
	Bible Voice BC.	mail@biblevoice.org
GERMANY.	RDW.	Adelheid.Lucas@dw-world.de (best
		address)

ITALY.	RAI. IRRS.	raiway.hfmonitoring@rai.it reports@nexus.org
IRAN.	Sawt-al-Islah (Alislah)	info@islah.org
JORDAN.	Radio Jordan.	Zada@jrtv.gov.jo
LIBYA.	Voice of Africa (ETC)	africavoice@hotmail.com
Moldova.	Radio Moldova.	rmi.engl@mail.md
NIGERIA.	V. of Nigeria.	vonlagos@fiberia.com or
		dgovon@nigol.net.ng
Palau.	T8BZ.	bentchan@hotmail.com
PERU.	R.San Miguel	cococabanillas@hotmail.com
PNG.	R. Independent Mekamui.	svoron@hotmail.com
South Africa.	S.A.R.L.	armi@intecom.co.za
	R.Veritas.	veriprod@iafrica.com
USA.	KVOH.	mail@highadvenure.net or
		kathy@highadventure.net
	WEWN.	gtapley@ewtn.com
	Radio Free Asia.	iwanciwt@rfa.org
	Remnants Hope Ministry.	remnantshope@hotmail.com
	Radio Africa Int. (UMC)	dfrantz@tennessee.com
	Radio Sawa.	comments@radiosawa.com
	WJIE (new address)	doc@wjie.org
	Radio Farda.	comment@radiofarda.com
	Gospel For Asia. (GFA)	gfaradio@mygfa.org
	Pan American Broadcasting	info@panambc.com
ZIMBABWE.	SW Radio Africa	mail@swradioafrica.com
SWEDEN:	IBRA	info@ibra.se and eva.skog@ibra.se

Additional sources of e-mail addresses are of course WRTV and PWBR and a very good website is <u>http://www.dxer.de/emailliste</u> Sometimes additional e-mail addresses can be obtained by going to a particular stations' webpage For those seeking addresses for Latin American stations a very good site is Eldorado For LA Dxers found at <u>http://www.members01.chello.se/mwm/eldorado.html</u>

Ian Cattermole, Blenheim, New Zealand.



branch.news Compiled by Chief Editor, Wellington



AUCKLAND

The **29 June Meeting** had 10 present at the Clubrooms, chaired by Barry Williams, and welcomed new member Marcelo Toniolo from Brazil. Barry handed out some QSL cards from Bill Smith W5USM who visited us recently from the USA. Barry says the FCC in the USA are again looking into digital transmissions on power lines. A lot of broadcasters (ham and commercial) are concerned.

Malcolm Holmes says there is a possible DXpedition to Waipu Cove slated for the 3rd or 4th weekend of September around the spring equinox. To be confirmed.

Mike Butler read out some loggings for VOIRI Iran, DW Germany, VOT Turkey, Kol Israel, Radio Thailand and BBC UK. Solar flux monthly averages were: March 132, April 126, May 116 and June 130. There was a huge peak of 193 on 11 June.

Barry reports that April 2004 will be the 50th Anniversary of the Auckland **Branch**. He likes to see a convention. Waipu Cove site fits about 10 people, Malcolm says. YMCA's Shakespeare Bay site (used for the highly successful 1990 DX Convention) is a suitable site for a large attendence. Little Huia and Camp Motomoana are other sites being considered. A Friday/Saturday over Easter 2004 is being considered, with a possible visit to someone's place.

Marcelo gave a talk on his DXing hobby from his country of origin, Brazil, travels between there and New Zealand, then ~4 years at Long Island in the USA and now back in NZ. In the early '90s he did utility DXing all his time; volmet stations; monitoring. Marcelo recalls meeting Tony King in Greytown in 1993 and in the 1995 Little Huia DX Convention spending 3 days there meeting more DXers.

Receivers owned and operated are a Sony, a JRC NRD-535, a NRD-545B, a lcom R2 for VHF/UHF reception; and a trusty MFJ-959B unit. The ESS + passband filter is Marcelo's favourite feature on the NRD-545B. In 2001 attended a Pennsylvania DX convention where he met people from many countries. Marcelo met George Marotti of New York getting to know him well. When asked about what antennas he uses Marcelo replied that they have pretty much always been longwires. He explains it's because he's always sharing property with others at each QTH he's lived at. Marcelo is also a member of the Hombre DX Club in the USA.

John West hosted a short discussion on loop antenna design over a cuppa.

The **July 2003 Meeting** will be at the Clubrooms, 3000 Great North Road, New Lynn, just past Whau Creek, on **Sunday July 27th** at 2 PM.

The **August 2003 Meeting** is tentatively at the Clubrooms on **Sunday August 31st** at 2 PM. This will be the **Auckland Branch AGM**.

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

Examples of Letters sent from the Prisoner of War Monitoring Service (see Article **'DXers Brought Hope to Thousands - Amazing War Effort by Small Group'** by Jack Fox (ZL4ND) Patron New Zealand Radio DX League Pages 34-37 February 2003 New Zealand DX Times)



The Voice of New Zealand Radio Listeners PRISONER OF WAR AND MONITORING DIVISION

> 105 Princes Street, INVERCARGILL, N.Z.

> > October Slat,1944.

A radio message was broadcast over

TOKIO Radio on October Sist, 1944 addressed to Mrs P.M.C.Blake, (4.57pm EST) from CNR R.S.Blake,

a Prisoner of War at Hong Kong internment camp. This message was picked up by Arthur Gushen, a member of the New Zealand DX Club.

The fullpartial text of the message was:

"Hope that this finds you well, Mother also, . Thanks to Uncle for his help, hope for reunion scon, love"

I know this measage will be of great interest to you and I'm very pleased to be able to pass it on.

Yours sincerely

ARTHUR T. CUSHEN, Official-in-Charge.

Credit. Photocopy of original from (late) Arthur Cushen via Jack Fox

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1944-45 message number 948.



The Voice of New Zealand Radio Listeners PRISONER OF WAR AND MONITORING DIVISION

> 105 Princes St, INVERCARGILL, N.Z.

DX CLUB

January 25th, 1945.

A radio message was broadcast over BERLIN Radio on January 24th 1945, addressed to Mrs Turner, 68 Lake Road, Ponsohby, Auck.

from Pte K.M.Turner, a Prisoner of War at a German camp. This message was picked up by Arthur Cushen, a member of the New Zealand DX Club.

The full partial text of the message was: "DEAR MUM AND DAD, HOPE YOU ALL WELL AS I AM, REGARDS TO ALL, LOVE"

I know this message will be of interest and I'm glad to be able to pass the news on.

Yours sincere

ARTHUR T. CUSHEN, Official-in-Charge.

Credit. Photocopy of original from (late) Arthur Cushen via Jack Fox

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NEW ZEALAND RADIO DX LEAGUE 2003/2004

SUBSCRIPTION RENEWAL NOTICE

For most members of the New Zealand Radio DX League, subscription renewals presently fall due on 31 August 2003. If the expiry date on your address label is **31/08/03**, then your

SUBSCRIPTION IS NOW DUE

To ensure that your membership continues without break - and not miss out on your monthly copy of the **NZ DX TIMES**, please ensure your subscription payment is in the mail no later than **31 August 2003**

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REST OF WORLD	US \$ 30.00	E-copy	US \$ 10.00

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

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	NEW ZEALAND	
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Name:	Mr/Mrs/Miss/Ms:	
Address:		
Email add	dress:	

EARLY RENEWAL BONUS:

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

NEW ZEALAND RADIO DX LEAGUE (Inc.)

The **New Zealand Radio DX League (Inc.)** is a nonprofit organisation founded in 1948 with the main aim of promoting the hobby of Radio DXing. The NZRDXL is administered from Auckland by: **NZRDXL AdCom, PO Box 3011, Auckland** Patron - Jack Fox jackfox@clear.net.nz president@radiodx.com - David Norrie National Secretary - Evan Murray (Tel. 09 483 9543) varrisian@paradise.net.nz vice.president@radiodx.com - Bryan Clark Treasurer - Phil van de Paverd paverdp@xtra.co.nz

Annual Membership:

Within New Zealand - NZ\$35.00. Australia/Pacific Islands - A\$35.00 Rest of World- US\$30.00

All overseas members get airmail delivery. An Electronic (only) magazine is now available in a PDF Format for US\$10 or AUS\$20 International or NZ\$20 for local New Zealand members.





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