

China's largest radio displayed in Yunnan

Deadline for next issue is Wed 5th Jun 2013 . P.O. Box 39-596, Howick, Manukau 2145

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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, P.O. Box 39-596, Howick, Manukau 2145, NEW ZEALAND

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CLOSING DATES FOR THE NEXT 3 MONTHS 2013

June July August Wednesday 5th June Wednesday 3rd July Wednesday 7th August

You can send your contributions to the NZ Radio DX League PO Box 39-596 Howick Manukau 2145 or use the email or postal addresses given by the section sub-editors.

N.Z. RADIO







Mark Nicholls Chief Editor

editor@radiodx.com or if there is any problem with that email address you can try email address dxtimes@gmail.com

NEW ZEALAND DX TIMES

MAY 2013

BANDWATCH UNDER 9MHZ

Editor Ken Baird Christchurch

email ka.baird@xtra.co.nz bandwatch.under9@radiodx.com



Please add the date, language in full, and country of transmitter origin of your logging to your report, and keep the reception details short. Would you please try not repeat loggings in adjacent months.

Please get a clear ID or show as tentative.

FREQ	UTC	Country, Station name, ID, Signal, Comments
2368.5	1021	AUSTRALIA Radio Symban Sydney now carrying Samoan prgm at
		nights, first noted 10/4. Vgd strength but audio distorted. BCM
4055	1017	GUATEMALA Radio Verdad poor w/piano mx and EE talk about Guatemala 10/4. BCM
4765	1807	Tajikistan.Dushanbe. Tajik Radio Fair level. Not sure of language.27/04 JD
4810	1905	Armenia. Yerevan Aremenian National Radio Poor to fair in Arabic. 28/04 JD
4870a		INDONESIA RRI Wamena poor w/Indopops 10/4, marred by Over the
		Horizon radar bursts. Freq measured as 4869.92. BCM
4930	1900	Botswana VOA fair in English. 28/04 JD
4950	1528	CHINA. Voice of Pujiang. Fair in Chinese to off at 1600utc.// 5075. 14/4. IC
4960	1900	Tajikistan. Voice of Russia News in Englis from there London studios.
		Fair 29/04 JD
4985	0542	BRAZIL Radio Brasil Central at fair strength 18/3, improving to good
		by 0610. In last month or two has suffered QRM from CW ute on high
		side, so LSB reception mode needed. BCM
5075.	1530	CHINA. Voice of Of Pujiang. fair in Chinese. No actual ID recognised
5000	0715	but this us certain to be the one here. Off 1600utc. 9/4. IC
5830	0715	USA. WTWW. Good in English. 3/4. IC
5875	1100 IC	THAILAND. Radio Thailand. good in Vietnamese after English IDs. 30/3
5880	ic 1549	PHILIPPINES, VOA fair in Burmese with talk, scratchy// 9320 the same – CC 28/4
5930	1816	RUSSIA, R Rossii good in Russian with talk // 5940 weaker – CC 6/4
5935	0431	USA, WWCR from Nashville in English, fair with preaching – KAB 25/4
6025	0849	BOLIVIA Radio Patria Nueva, La Paz first noted opening earlier than
0025	0017	scheduled 0900 on 3/4 but reception initially marred by adjacent
		QRM. But since RA has dropped 6020 from 0900, reception of Bolivia
		much easier. Best reception on 12/4 w/folk songs, SS news reports &
		political speech by or about President Morales. Audible past 0930. BCM
6030	0423	USA, R Marti fair in Spanish with OM talking – KAB 25/4
6070		CANADA CFRX Toronto w/advts & prgm promos, "CFRB Toronto" and

		"Newstalk 10-10" idents 22/4, poor but clear. BCM
6090	1741	CHINA, CRI with Roundtable good in English// 7235 good – BDW 08/4
6100	1955	SERBIA International Radio Serbia in Serbian, fair in clear 22/4. Ident
		1957 then tuning signal till blocked by CRI Arabic opening at 2000. BCM
6115	0741	JAPAN Radio Nikkei fair-good in JJ on 14/4. Weekends only service,
		different prgm to that on 6055 & 9595. Closed 0900. BCM
6125		SPAIN, REE good in Spanish with comment by YL – KAB 25/4
6135	0946	BOLIVIA Radio Santa Cruz good in SS 8/4 on measured 6134.84 but
		blocked by strong Chinese on 6135 from 0956. BCM
6155	0430	AUSTRIA AWR via Mossbrunn exc opening in EE then FF ident for "La
(174~	1010	Voix de l'Esperence" 21/4. BCM
6174a	1012	PERU Radio Tawantasuyo fair w/SS talks on 6173.89 but heavy QRM from Chinese commercial station on 6175 which was // 6135 on 10/4. BCM
6175	0406	USA, V of Vietnam noisy, poor in Spanish with comments – KAB 25/4
6185	1600	RUSSIA, V of Russia World Service good with news in English – BDW 13/4
6190	1443	Japan, NHK good in Korean – BDW 03/4
6195	1133	SINGAPORE, BBCWS fair in English with talk, a little scratchy //9740
0175	1100	stronger – CC 10/4
7120	1840	SOMALIA, R.Hargeisa, Good in vernacular, off air 1859 – KVB 7/4
7210	1646	IRAN, VOIRI fair in Turkish with discussion, background whistle // 5985
		the same – CC 10/4
7275	1654	STH KOREA, KBS World Service good in Korean with YL talking and
		music // 99740 less clear. – CC 10/4
7275	1808	KOREA, KBS, Fair in English, ID 1812 – KVB 22/4
7280		BELARUS, R Belarus fair in Russian with comment – KAB 24/4
7280		VIETNAM, VOV, Fair in English re economic reforms in Myanmar – KVB 23/4
7280		VIETNAM. VOV. fair in English. 26/4. IC
7295	0520	FRANCE, R.Algerienne, V.good in AA & Q'uran, poss jammer
7005	1/00	co-chan - KVB 22/4
7295	1602	MALAYSIA, RTM, Contemp mx, ID as Traxx FM 1639 – KVB 26/4
7305	0615	ASCENSION ISL. BBC, Fair in French, moderate QRN, off air 0629 – KVB 14/4
7320 7325	0857	RUSSIA, R.Rossii, Arman, Poor/Fair in RR, ID TS 0900, utes co-chan – KVB 18/4 PNG, R.Wantok Lite, Fair/poor in English with NBC nx, then yl talk – KVB 25/4
7325	1912	U.K. RTI via Wof, Good in French, ID Sked 1957 – KVB 20/4
7325	1912	TAIWAN. RTI. Very good in French. (not too sure of site) 4/4. IC
7335		TUNISIA, R.Tunisienne, Good in Arabic – KVB 22/4
7350		ROMANIA, R Romania Intl fair in English with comment on gymnastic
,	0027	results, ID as Radio Romania at 0330 followed by comments on the
		press – KAB 24/4
7350	0344	
7350	0415	ROMANIA, RRI, Good in Romanian & contemp mx – KVB 15/4
7365		USA, R Marti good in Spanish with comment – KAB 24/4
7400	0705	AUSTRIA. TWR via Moosbrunn. Fair in English. 26/4. IC
7405		USA. R.MARTI, Fair in Spanish, weak but clear, off air 0700 - KVB 25/4
7410	1712	CHINA, CRI good in English with China Drive – BDW 08/4

- 7420 1638 CHINA, CRI opener then news good in English BDW 09/4
- 7425 1702 OMAN, BBC WS fair in Dari with discussion, light QRM // 13660 stronger & Clearer CC 10/4
- 7435 0338 GERMANY, RFE/RL poor in Russian with discussion KAB 24/4
- 7465 1800 N.MARIANAS, VOA tentative, Fair in Korean KVB 22/4
- 7475 1642 THAILAND, VOA fair in Bengali with discussion, scratchy // 11790 stronger CC 10/4
- 7505 0354 USA, WHRI fair in Russian playing jazz, no ID at 0400, just continuous music KAB 24/4
- 7515 1600 UZBEKISTAN. Voice of the Martyrs via Tashkeny. Poor in Korean. No ID recognised but must be the one here. 12/4. IC

OVERSEAS LOGGINGS. All may not be audible in NZ at the times listed

k Hz	UTC	Country, Station, Programme, & Reception Details
4878.5	0932	BRAZIL. Radiodifusora Roraima – Boa Vista, 0932-0953
		Apr 8, Brazilian pop vocals, man announcer with Portuguese talk,
		ID followed by more vocals. Later telephone calls from
		listeners. Fair. (D'Angelo-PA)
5040	2336	CUBA. Radio Havana Cuba, 2336-0000 Mar 23, English program
		on 60 meter band outlet with feature on stamp collecting and
		Arnie Coro with Science and Technology feature. IS at 0000 followed
		by Spanish program. Good. (D'Angelo-PA)
5745	0230	USA. Voice of America – Greenville, *0230-0258* Mar 24,
		VOA Radiogram program hosted by Kim Andrew Elliott with digital
		ext mode tests. Good signal. (D'Angelo-PA)
5910	0325	COLOMBIA. Alcaraván Radio – Puerto Lleras, 0325-0354 Mar
		30, man announcer with long Spanish language talk with ID at
		0333 followed by music and a formal ID with frequency
		announcement. Program of Latin vocals followed with
		another formal ID at 0345. Fair. (D'Angelo-PA)
6010	0355	COLOMBIA. La Voz de tu Conciencia – Puerto Lleras, 0355-0421
		Mar 30, similar program to Alcaraván Radio with long Spanish talk
		by a man announcer, brief instrumental music, ID and another
		long Spanish talk. Some music. Poor to fair. (D'Angelo-PA)
6150	0906	AUSTRALIA. Radio Australia – Shepparton, 0906-0922 Apr 8, talk
		by man and woman announcers in Tok Pisin, sports at 0918,
		ID. Fair. //9710. (D'Angelo-PA)
7205	0303	SUDAN. Radio Omdurman, 0303-0325 Apr 21, man announcer with news
		in Arabic followed by music program. Poor signal and mainly covered by
		heavy amateur radio operator contest QRM. (D'Angelo-PA)
7555	0210	USA. KJES – Vado, 0210-0230* Mar 26, songs, Spanish language
		talk with children chants, etc with a woman announcer giving ID

CONTRIBUTORS

- **BCM** Bryan Clark at Mangawhai (Northland) with Drake SPR4, AOR7030+, EWEs to North, Central & South America, 100m BOG to NE and Alpha Delta Sloper antennas.
- **BDW** Brian Webb, Upper Hutt, Degen DE1103, 1.0m whip, Digitech AR 1733 with 48cm whip
- **CC** Cliff Couch, Paraparaumu, ATS 803A, 30m wire attached to facia board.
- (D'Angelo-PA) Richard D'Angelo Wyomissing USA, Ten-Tec RX-340, Eton E1, Eton E5, R8B, Lowe HF 150, Alpha Delta sloper, RF Systems mini windom, Datong FL3, JPS ANC.
- IC Ian Cattermole, Blenheim, JRC NRD535, ICOM IC-746PRO. Antenna. T2FD. EWE
- JD John Durham, Tauranga, JRC 535Db Eavesdroper dipole
- KAB Ken Baird, Christchurch, Kenwood R5000, R1000, 18m Wire, SW Eavesdropper
- KVB Kelvin Brayshaw, LEVIN. ATS-909, DR31, PL90, Coax loop.

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BANDWATCH OVER 9MHZ

Editor Kelvin Brayshaw Levin

email

bandwatch.over9@radiodx.com

If you have not confirmed station ID please mark 'tentative'. To minimize duplication do not include items from the same frequency/tx site/ b'caster if they have appeared in NZDXT bearing your initials during the two preceding months.

	UTC 2130	Country, Station, Programme, & Reception details THAILAND. Radio Thailand. Fair in English - 15/4 IC
9400		IRAN. VOIRI. Good in English.// 9715 - 15/4 IC
9540		JAPAN, NHK, Very good in English – 3/4 BDW
9570	0806	SOUTH KOREA KBS World Radio Seoul fair w/EE news to SE Asia but
		very strong RA 9580 causes some QRM 22/4. BCM
9570	1604	CHINA, CRI, News, 'China Drive'. Good in English – 4/4 BDW
9600		S.AFRICA, AWR via Mey, Good in Kiswahili – 3/4 BDW
		RUSSIA, VORws, News. Good in English – 13/4 BDW
9685	0035	SERBIA International Radio Serbia poor but clear w/EE news 26/4. EE
		sked here Tue-Sat 0030-0100. BCM
9700	0548	ROMANIA, RRI, Fair/good in English, yl with "DX Mailbag" ID 0552.
		A little scratchy – 29/4 CC
9720	0301	EGYPT Radio Cairo strong in EE 23/4 ending EE news. Closed 0330
		after music prgm. BCM
9720	1332	GUAM, AWR (KSDA), Very good in Russian – 4/4 BDW
9760	1219	CHINA, CRI, 'Beijing Hour". Excellent in English – 5/4 BDW
		THAILAND. Radio Thailand. Fair in Thai - 19/4 IC
9940	0429	UKRAINE? R.Miraya FM, Fair in EE/AA? alternating abt every 3mins,
0040	1000	Breakfast Show – 23/3 JW
		GUAM. KTWR. Fair in Hui - 31/3 IC
11560		BULGARIA. Radio Miraya FM. Good with English News - 7/4 IC
11560	0559	BULGARIA, R.Miraya, Good in EE on dipole, fair on inverted L.
11570	1100	Breakfast Show End of xmsn at 0559 – 1/5 JW
11570	1130	TAIWAN, Suab Xaa Moo Zoo Radio Ministry. Fair at s/on in Hmong – 29/4 JD
11710		ARGENTINA, RAE, Good in English – 2/4 BDW
11735	1950	BRAZIL Radio Transmundial w/inspirational songs, prgm summary in
		PP, ident & website to close 2003 26/4. Other Brazilians audible at this time on 11764.85 weak under strong AA, 11780 good, 11815.06
		fair, 11854.95 poor, 11925.05 weak under strong open carrier. BCM
11815	0335	BRAZIL Radio Brasil Central reactivated on measured 11815.05 23/4.
1015	0000	Good in the clear with posp, PP annots. BCM
11840	0958	GUAM, KTWR, Good in EE, IS, ID & annomis at 1000, then relg msg1
10-10	0700	2015 – 19/4 CC
		2010 177100

 SRI LANKA SLBC Colombo with drum tuning signal and s/on in Hindi, good & clear 23/4. Very good when rechecked between 0300 and 0330. BCM SRI LANKA SLBC Colombo with drum tuning signal and s/on in Hindi, good & clear 23/4. Very good when rechecked between 0300 and 0330. BCM AUSTRIA , AWR via Mos, Good in English – 3/4 BDW SI27 MONGOLIA, V.o.Mongolia, Good in English , male vocalist, ID & annemts of 1529 – 23/4. CC I2055 1315 RUSSIA. TWR-India via Irk. Poor in Mewadi - 25/4. IC I2050 GUAM, AVR (KSDA). Excellent in Mandarin – 4/4 BDW I3362U2003 GUAM AFN opens strongly w/news of Boston bombing 22/4. Prior to this time on overnight freq of 5765U at vgd level. BCM I340 0541 MADAGASCAR, R.Japan, Poor in French, om & yl spkg, very noisy // I1730 much stronger – 29/4. CC I515 1340 GUAM, AWR (KSDA). Excellent in Fransi – 3/4. BDW I340 0541 MADAGASCAR, R.Japan, Poor in French , om & yl spkg, very noisy // I1730 much stronger – 29/4. CC I515 1340 AUSTRIA, AWR via Mos. Good in French – 11/4 BDW I340 0541 MADAGASCAR, Good in English - 2/4 IC I515 2028 AUSTRIA, AWR via Mos. Good in French – 11/4 BDW I350 1400 GUAM. KTWR, Good in English - 2/4 IC I351 120 UAE, R.Free Asia, Good in Tibetan yl & om spkg //17495 weaker – 14/4 CC I525 0715 GERWANY, Wa via Mos. Excellent in Panjabi – 27/4 IC I525 0715 GERWANY, WWR via Mos. Excellent in Panjabi – 10/4 BDW I5240 2306 AUSTRIA, AWR via Mos. Excellent in Panjabi – 10/4 BDW I5250 0100 THAILAND. VOA voa Udorn. Good in English – 27/4 IC I5251 T301 GERWANY, Wa via Mos. Excellent in Panjabi – 10/4 BDW I5260 0301 FHILPINIES. RVA, Good in Flegich – 17/4 IC I533 1530 GERWANY, AWR via Mos. Excellent in Panjabi – 10/4 BDW I533 1530 GERWANY, AWR via Mos. Excellent in Panjabi – 10/4 BDW I533	11900 163	5 CHINA, CRI, 'Roundtable', Good in English – 6/4 BDW
 good & clear 23/4. Very good when rechecked between 0300 and 0330. BCM 11955 2017 AUSTRIA, AWR via Mos, Good in Dyula – 2/4 BDW 12015 1527 MONGOLIA, V.o.Mongolia, Good in English, male vocalist, ID & annemts at 1529 – 23/4 CC 12055 1315 RUSSIA. TWR-India via Irk. Poor in Mewadi - 25/4 IC 12055 1315 RUSSIA. TWR-India via Irk. Poor in Mewadi - 25/4 IC 12055 1315 RUSSIA. TWR-India via Irk. Poor in Mewadi - 25/4 IC 12055 1315 RUSSIA. TWR-India via Irk. Poor in Mewadi - 25/4 IC 1362U2003 GUAM AFN opens strongly w/news of Boston bombing 22/4. Prior to this time on overnight freq of 5765U at vgal level. BCM 13575 1422 GUAM, AKR (KSDA). Very good in Mandarin – 3/4 BDW 13840 0541 MADAGASCAR, R.Japan, Poor in French, om & yl spkg, very noisy // 11730 much stronger – 29/4 CC 1515 1340 THAILAND, VOA, Good in Chinese, 2 oms spkg // 11785 & 11805 not so clear 4/4 CC 15150 1630 AUSTRIA, AWR via Mos. Excellent in Farsi – 3/4 BDW 15150 2020 CHINA, CRI, In Chinese, good but noisy with static – 23/4 DD 15155 2028 AUSTRIA, AWR via Mos. Good in English - 2/74 IC 15195 1120 UAE, R.Free Asia, Good in Ibieton yl & om spkg //17495 weaker – 14/4 CC 15205 0100 THAILAND, VOA voa Udorn. Good in English - 27/4 IC 15215 1701 GERMANY, BVB via Wer. 'Call to Worship'. Good in English - 7/4 BDW 15200 2306 AUSTRIA, AWR via Nau. Good in Arabic –3/4 BDW 15200 2306 AUSTRIA, AWR via Nau. Excellent in Fanjabi – 10/4 BDW 15200 1507 FRANCE, RH, Good in Filpish noisy with static, but otherwise good – 23/4 DD 15205 1500 VATICAN. RVA. via SMG. Good in Filpish – 10/4 BDW 1530 0317 FRANCE, RH, Good in Filpish – 11/4 IC 1530 0407 KRWK via NAU. Excellent in English – 10/4 BDW 1530 1430 VATICAN. RVA via SMG. Good in Filpish – 10/4 BDW 1530 1430 VATICAN. RVA via SMG. Good in Filpish – 10/4 BDW 1533 1530 GERMANY, AWR via Nau. Excelle		
 11955 2017 AUSTRIA, AWR via Mos, Good in Dyula – 2/4 BDW 11970 0506 FRANCE NHK via ISS. Good in English – 3/4 BDW 11970 0506 FRANCE NHK via ISS. Good in English – 3/4 BDW 12015 1527 MONGOLIA, Vo.Mongolia, Good in English , male vocalist, ID & annemts at 1529 – 23/4 CC 12055 1315 RUSSIA. TWR-India via Irk. Poor in Mewadi - 25/4 IC 12055 1315 RUSSIA. TWR-India via Irk. Poor in Mewadi - 25/4 IC 12055 1400 GUAM, AWR (KSDA). Excellent in Mandarin – 4/4 BDW 1362U2003 GUAM AFN opens strongly w/news of Boston bombing 22/4. Prior to this time on overnight freq of 5765U at vgd level. BCM 13840 0541 MADAGASCAR, R.Japan, Poor in French, om & yl spkg, very noisy // 11730 much stronger – 29/4 CC 1515 1340 THAILAND, VOA, Good in Chinese, 2 oms spkg // 11785 & 11805 not so clear 4/4 CC 15150 1630 AUSTRIA, AWR via Mos. Excellent in Farsi – 3/4 BDW 15150 2022 CHINA, CRI, In Chinese, good but noisy with static – 23/4 DD 15155 1202 AUSTRIA, AWR via Mos. Good in French – 11/4 BDW 1519 1400 GUAM. KTWR. Good in Inglish - 2/4 IC 1519 1120 UAE, R.Free Asia, Good in Thetan yl & om spkg //17495 weaker – 14/4 CC 15205 0100 THAILAND. VOA voa Udorn. Good in English - 27/4 IC 15215 1701 GERMANY, BVB via Wer. Call to Worship?. Good in English – 7/4 BDW 15240 2306 AUSTRALIA, RA, ABC nx in English, noisy with static, but otherwise good – 23/4 DD 15250 1530 GERMANY, AWR via Mos. Excellent in Panjabi – 10/4 BDW 1530 0817 FRANCE, RFI, Good in French, om spkg // 12580 weaker & scratchy – 4/4 CC 1533 1530 GERMANY, AWR via Mos. Excellent in Panjabi – 10/4 BDW 1530 0817 FRANCE, RFI, Good in French, om spkg // 21580 weaker & scratchy – 4/4 CC 1533 1530 GERMANY, AWR via Mos. Excellent in English – 2/4 IC 1533 1530 GERMANY, AWR via Mos. Excellent in English – 2/4 BDW 1530 0900 PALAU, R.Free Kenyalang, Poor at s/on in Iban – 2/4 JD<td></td><td></td>		
 11970 0506 FRANCE NHK via ISS. Good in English – 3/4 BDW 12015 1527 MONGOLIA, Vo.Mongolia, Good in English, male vocalist, ID & annemts at 1529 – 23/4 CC 12055 1315 RUSSIA. TWR-India via Irk. Poor in Mewadi - 25/4 IC 12105 1400 GUAM, AWR (KSDA). Excellent in Mandarin – 4/4 BDW 13362U2003 GUAM AFN opens strongly wherews of Boston bombing 22/4. Prior to this time on overnight freq of 5765U at vgd level. BCM 13375 1422 GUAM, AWR (KSDA). Very good in Mandarin – 3/4 BDW 13840 0541 MADAGASCAR, R.Japan, Poor in French, om & yl spkg, very noisy // 11730 much stronger – 29/4 CC 15115 1340 THAILAND, VOA, Good in Chinese, 2 oms spkg // 11785 & 11805 not so clear 4/4 CC 15150 1630 AUSTRIA, AWR via Mos. Excellent in Farsi – 3/4 BDW 15150 2020 CHINA, CRI, In Chinese, good but noisy with static – 23/4 DD 15155 2028 AUSTRIA, AWR via Mos. Good in Fnglish - 2/4 IC 15195 1120 UAE, R.Free Asia, Good in Tibetan yl & om spkg //17495 weaker – 14/4 CC 15205 0100 THAILAND. VOA voa Udorn. Good in English - 2/74 IC 15215 1701 GERMANY, BVB via Wer. 'Call to Worship'. Good in English - 7/4 BDW 15220 030 PHILIPPINES. RVA. Fair in Bengali – 1/4 IC 1520 1533 IGG GERMANY, AWR via Mos. Excellent in Panjabi – 10/4 BDW 1530 0807 FRANCE, RF, Good in Fnglish, noisy with static, but otherwise good – 23/4 DD 15215 1530 GERMANY, AWR via Mos. Excellent in Panjabi – 10/4 BDW 1530 0817 FRANCE, RF, Good in Flipino – 5/4 IC 1533 1430 VATICAN. RVA via SMG. Good in Flipino – 5/4 IC 1533 1430 VATICAN. RVA via SMG. Good in Flipino – 5/4 IC 1533 1533 GERMANY, AWR via Nou. Excellent in Panjabi – 10/4 BDW 1540 0900 PALU.PINES. RVA. Good in Flipino – 5/4 IC 1533 1533 GERMANY, AWR via Nou. Excellent in English – 2/4 BDW 1540 0900 PALU, R.Free Kenyalang, Poor at s/on in Iban – 2/4 JD 1541 000 0901 FRANC. RVA. Good in Flipino – 10/4 BDW<	11955 20	
annemts at 1529 – 23 ⁷ 4 CC 12055 1315 RUSSIA. TWR-India via Irk. Poor in Mewadi - 25/4 IC 1205 1400 GUAM, AWR (KSDA). Excellent in Mandarin – 4/4 BDW 13362U2003 GUAM AFN opens strongly w/news of Boston bombing 22/4. Prior to this time on overnight freq of 5765U at ygd level. BCM 13575 1422 GUAM, AWR (KSDA). Very good in Mandarin – 3/4 BDW 13840 0541 MADAGASCAR, R.Japan, Poor in French, om & yl spkg, very noisy // 11730 much stronger – 29/4 CC 15115 1340 THAILAND, VOA, Good in Chinese, 2 oms spkg // 11785 & 11805 not so clear 4/4 CC 15150 1630 AUSTRIA, AWR via Mos. Excellent in Farsi – 3/4 BDW 15150 2302 CHINA, CRI, In Chinese, good but noisy with static – 23/4 DD 15155 2028 AUSTRIA, AWR via Mos. Good in French – 11/4 BDW 15150 1400 GUAM. KTWR. Good in Tibetan yl & om spkg //17495 weaker – 14/4 CC 15205 0100 THAILAND. VOA voa Udorn. Good in English – 27/4 IC 15215 1701 GERMANY, BVB via Wer. Call to Worship'. Good in English – 7/4 BDW 15225 0715 GERMANY, AWR via Nau. Good in Arabic – 3/4 BDW 15245 0300 PHILIPPINES. RVA. Fair in Bengali – 1/4 IC 15290 1543 AUSTRIA, AWR via Mos. Excellent in Panjabi – 10/4 BDW 15300 0817 FRANCE, RFI, Good in French, om spkg // 21580 weaker & scratchy – 4/4 CC 15331 1500 GERMANY, WR via SMG. Good in Filipino – 5/4 IC 15331 1500 GERMANY, WR via SMG. Good in Filipino – 5/4 IC 15332 1500 VATICAN. RVA. via SMG. Good in English – 2/4 BDW 15340 0900 PALU, RFree Kenyalang, Poor at s/on in Iban – 2/4 BDW 15400 0900 PALU, RFree Kenyalang, Poor at s/on in Iban – 27/4 JD 15420 100 GUAM, AWR (KSDA). Good in English – 10/4 BDW 15400 100 TAIWAN ?, R.Free Sarawak, S/on in Iban – 27/4 JD 15420 100 GUAM, AWR (KSDA). Good in English – 10/4 BDW 15400 100 AUSTRIA, AWR via Mos. Good in English – 10/4 BDW 15400 1000 PALU, RFree Sarawak, S/on in Iban – 27/4 JD 15430 1163 SRI LANKA. Radio Free Sarawak, S/on in Iban – 27/4 JD 15430 1163 SRI LANKA. Radio Free Sarawak, S/on in Iban – 27/4 JD 15430 1164 TAIWAN ?, R.Free Sarawak, S/on in Iban – 27/4 JD 15430 1163 IRAN Voice of	11970 05	
 12055 1315 RUSSIA. TWR-India via Irk. Poor in Mewadi - 25/4 IC 12105 1400 GUAM, AWR (KSDA). Excellent in Mandarin – 4/4 BDW 13362U2003 GUAM AFN opens strongly w/news of Boston bombing 22/4. Prior to this time on overnight freq of 5765U at vgd level. BCM 13575 1422 GUAM, AWR (KSDA). Very good in Mandarin – 3/4 BDW 13840 0541 MADAGASCAR, R.Japan, Poor in French, om & vl spkg, very noisy // 11730 much stronger – 29/4 CC 15115 1340 THAILAND, VOA, Good in Chinese, 2 oms spkg // 11785 & 11805 not so clear 4/4 CC 15150 1630 AUSTRIA, AWR via Mos. Excellent in Farsi – 3/4 BDW 15150 2028 AUSTRIA, AWR via Mos. Good in French – 11/4 BDW 15190 1400 GUAM. KTWR. Good in English - 2/4 IC 15191 120 UAE, R.Free Asia, Good in Tibetan yl & om spkg //17495 weaker – 14/4 CC 1520 5010 THAILAND. VOA voa Udorn. Good in English - 27/4 IC 15215 1701 GERMANY, BVB via Wer. 'Call to Worship'. Good in English – 7/4 BDW 15220 5015 GERMANY, AWR via Mos. Excellent in Parijabi – 10/4 BDW 15240 2306 AUSTRALIA, AWR via Mos. Excellent in Parijabi – 10/4 BDW 15240 2306 AUSTRALIA, AWR Via Mos. Excellent in Parijabi – 10/4 BDW 15240 2306 AUSTRALIA, AWR Via Mos. Excellent in Parijabi – 10/4 BDW 15240 2306 VATICAN. RVA. via SMG. Good in Flipino - 5/4 IC 1533 1530 GERMANY, AWR via Mou. Excellent in Brajish - 10/4 BDW 15330 1430 VATICAN. RVA via SMG. Good in Flipino - 5/4 IC 15331 F330 GERMANY, AWR KiSDAJ. Good in Flipino - 5/4 IC 15331 1530 GERMANY, AWR Kis Ma. Kac Scol in French - 11/4 BDW 1540 2100 GUAM, AWR (KSDAJ. Good in Flipino after VG English IDs - 17/4 IC 15335 1530 GERMANY, AWR via Mou. Excellent in Baglish - 2/4 BDW 15335 2257 PHILIPPINES. RVA. Good in Flipino after VG English IDs - 17/4 IC 15335 1530 GERMANY, AWR via Mac. Scol in Mandarin - 4/4 BDW 15400 0900 PALAU, R.Free Sarawak, S/on in Iban - 27/4 JD <li< td=""><td></td><td></td></li<>		
 12105 1400 GUAM, AWR (KSDA). Excellent in Mandarin – 4/4 BDW 13362U2003 GUAM AFN opens strongly w/news of Boston bombing 22/4. Prior to this time on overnight freq of 5765U at vgd level. BCM 13575 1422 GUAM, AWR (KSDA). Very good in Mandarin – 3/4 BDW 13840 0541 MADAGASCAR, R.Japan, Poor in French, om & yl spkg, very noisy // 11730 much stronger – 29/4 CC 15115 1340 THAILAND, VOA, Good in Chinese, 2 oms spkg // 11785 & 11805 not so clear 4/4 CC 15150 1630 AUSTRIA, AWR via Mos. Excellent in Farsi – 3/4 BDW 15150 2302 CHINA, CRI, In Chinese, good but noisy with static – 23/4 DD 15155 2028 AUSTRIA, AWR via Mos. Good in French – 11/4 BDW 15190 1400 GUAM. KTWR. Good in English - 2/4 IC 15191 120 UAE, R.Free Asia, Good in Tibetan yl & om spkg //17495 weaker – 14/4 CC 15205 0100 THAILAND. VOA voa Udorn. Good in English - 27/4 IC 15215 1701 GERMANY, BVB via Wer. 'Call to Worship'. Good in English – 7/4 BDW 15240 2306 AUSTRIA, AWR via Mos. Excellent in Panjabi – 10/4 BDW 15240 2306 AUSTRIA, AWR via Mos. Excellent in Panjabi – 10/4 BDW 15240 2306 AUSTRIA, AWR via Mos. Excellent in Panjabi – 10/4 BDW 15240 1543 AUSTRIA, AWR via Mos. Excellent in Panjabi – 10/4 BDW 15330 1430 VATICAN. RVA. via SMG. Good in Filipino - 5/4 IC 15331 1530 GERMANY, AWR via Nau. Excellent in English – 2/4 BDW 15340 0900 PALAU, R.Free Kenyalang, Poor at s/on in Iban – 2/4 JD 15430 100 TAIWAN ?, R.Free Sarawak, S/on in Iban – 2/4 JD 15430 1100 TAIWAN ?, R.Free Sarawak, S/on in Iban – 2/4 JD 15430 1100 TAIWAN ?, R.Free Sarawak, S/on in Iban – 2/4 JD 15430 1100 TAIWAN ?, R.Free Sarawak, S/on in Iban – 2/4 JD 15430 1100 TAIWAN ?, R.Free Sarawak, S/on in Iban – 2/4 JD 15430 1100 TAIWAN ?, R.Free Sarawak, S/on in Iban – 2/4 JD 15430 1100 TAIWAN ?, R.Free Sarawak, S/on in Iban – 2/4 JD 15430 1100 TAIWAN ?, R.Free S		anncmts at 1529 – 23/4 CC
 13362U2003 GUAM AFN opens strongly w/news of Boston bombing 22/4. Prior to this time on overnight freq of 5765U at ygd level. BCM 13575 1422 GUAM, AWR (KSDA). Very good in Mandarin – 3/4 BDW 13840 0541 MADAGASCAR, R.Japan, Poor in French, om & yl spkg, very noisy // 11730 much stronger – 29/4 CC 15115 1340 THAILAND, VOA, Good in Chinese, 2 oms spkg // 11785 & 11805 not so clear 4/4 CC 15150 1630 AUSTRIA, AWR via Mos. Excellent in Farsi – 3/4 BDW 15150 2022 CHINA, CRI, In Chinese, good but noisy with static – 23/4 DD 15155 2028 AUSTRIA, AWR via Mos. Good in French – 11/4 BDW 15195 1120 UAE, R.Free Asia, Good in Tibetan yl & om spkg //17495 weaker – 14/4 CC 15205 0100 THAILAND, VOA voa Udorn. Good in English - 27/4 IC 15215 1701 GERMANY, BVB via Wer. 'Call to Worship'. Good in English – 7/4 BDW 15220 0100 FHAILAND, VAW via Nau. Good in Arabic – 3/4 BDW 15220 1500 AUSTRIA, RA, ABC nx in English, noisy with static, but otherwise good – 23/4 DD 15250 0030 PHILIPPINES. RVA. Fair in Bengali – 1/4 IC 15290 1543 AUSTRIA, AWR via Mos. Excellent in Panjabi – 10/4 BDW 15300 0817 FRANCE, RFI, Good in French, om spkg // 21580 weaker & scratchy – 4/4 CC 15330 1530 GERMANY, AWR via NG. Excellent in Panjabi – 10/4 BDW 15330 UATICAN. RVA via SMG. Good in Filipino - 5/4 IC 15331 1530 GERMANY, AWR via Nau. Excellent in English – 2/4 BDW 15335 2257 PHILIPPINES. RVA. Good in Filipino after VG English IDs - 17/4 IC 15330 1600 GUAM, AWR (KSDA). Good in Mandarin – 4/4 BDW 15330 1000 TAIWAN ?, R.Free Sarawak, S/on in Iban – 27/4 JD 1540 1000 GUAM, AWR (KSDA). Good in Mandarin – 4/4 BDW 15430 1100 TAIWAN ?, R.Free Sarawak, S/on in Iban – 27/4 JD 15430 1100 TAIWAN ?, R.Free Sarawak, S/on in Iban – 27/4 JD 15430 1100 TAIWAN ?, R.Free Sarawak, S/on in Iban – 27/4 JD 15430 1100 TAIWAN ?, R.Free Sarawak, S/on in	12055 131	
 this time on overnight freq of 5765U at vgd level. BCM⁻ 13575 1422 GUAM, AWR (KSDA). Very good in Mandarin – 3/4 BDW 13840 0541 MADAGASCAR, R.Japan, Poor in French, om & yl spkg, very noisy // 11730 much stronger – 29/4 CC 15115 1340 THAILAND, VOA, Good in Chinese, 2 oms spkg // 11785 & 11805 not so clear 4/4 CC 15150 1630 AUSTRIA, AWR via Mos. Excellent in Farsi – 3/4 BDW 15150 2028 AUSTRIA, AWR via Mos. Excellent in Farsi – 3/4 BDW 15150 2028 AUSTRIA, AWR via Mos. Good in French – 11/4 BDW 15190 1400 GUAM. KTWR. Good in English – 2/4 IC 15205 0100 THAILAND. VOA voa Udorn. Good in English – 27/4 IC 15215 1701 GERMANY, BVB via Wer. 'Call to Worship'. Good in English – 7/4 BDW 15225 0715 GERMANY, AWR via Nau. Good in Arabic – 3/4 BDW 15226 030 PHILIPPINES. RVA. Fair in Bengali – 1/4 IC 15209 1543 AUSTRIA, AWR via Mos. Excellent in Panjabi – 10/4 BDW 15300 0817 FRANCE, RFI Good in Firench, om spkg // 21580 weaker & scratchy – 4/4 CC 15331 1430 VATICAN. RVA. via SMG. Good in Filipino - 5/4 IC 15335 1530 GERMANY, AWR via Nau. Excellent in English – 10/4 BDW 15300 0817 FRANCE, RFI, Good in Filipino after VG English IDs - 17/4 IC 15330 1430 VATICAN. RVA. via SMG. Good in Filipino - 5/4 IC 15331 1530 GERMANY, AWR via Nau. Excellent in English – 2/4 BDW 15330 1530 GERMANY, AWR via Nau. Excellent in English – 2/4 BDW 15330 1530 GERMANY, AWR via Nau. Excellent in English IDs - 17/4 IC 15340 0900 PALAU, R.Free Kenyalang, Poor at s/on in Iban – 27/4 JD 15420 100 GUAM, AWR (KSDA). Good in English – 10/4 BDW 15400 0900 PALAU, R.Free Kenyalang, Poor at s/on in Iban – 27/4 JD 15430 1105 TAIWAN ?, R.Free Sarawak, S/on in Iban fair – 27/4 JD 15430 1105 SRI LANKA. Radio Free Sarawak, S/on in Iban – 27/4 JD 15430 1105 ANKA. Radio Free Sarawak, S/on in Iban – 27/4 JD 15430 1105 ANKA		
 13575 1422 GUAM, AWR (KSDÅ). Verý good in Manďarin – 3/4 BDW 13840 0541 MADAGASCAR, R.Japan, Poor in French, om & yl spkg, very noisy // 11730 much stronger – 29/4 CC 15115 1340 THAILAND, VOA, Good in Chinese, 2 oms spkg // 11785 & 11805 not so clear 4/4 CC 15150 1630 AUSTRIA, AWR via Mos. Excellent in Farsi – 3/4 BDW 15150 2302 CHINA, CRI, In Chinese, good but noisy with static – 23/4 DD 15155 2028 AUSTRIA, AWR via Mos. Good in French – 11/4 BDW 15190 1400 GUAM. KTWR. Good in English - 2/4 IC 15205 0100 THAILAND. VOA vaa Udam. Good in English – 27/4 IC 15215 1701 GERMANY, BVB via Wer. 'Call to Worship'. Good in English – 7/4 BDW 15225 0715 GERMANY, AWR via Nau. Good in Arabic – 3/4 BDW 15240 2306 AUSTRALIA, RA, ABC nx in English, noisy with static, but otherwise good – 23/4 DD 15241 200 PHILIPPINES. RVA. Fair in Bengali – 1/4 IC 15290 1543 AUSTRIA, AWR via Mos. Excellent in Panjabi – 10/4 BDW 15300 0817 FRANCE, RFI, Good in French, om spkg // 21580 weaker & scratchy – 4/4 CC 15330 1430 VATICAN. RVE via SMG. Good in Filipino – 5/4 IC 15335 1530 GERMANY, AWR via Nau. Excellent in Panjabi – 10/4 BDW 15335 2557 PHILIPPINES. RVA. Good in Filipino atter VG English IDs - 17/4 IC 15335 1530 GERMANY, AWR via Nau. Excellent in English – 2/4 BDW 15335 2557 PHILIPPINES. RVA. Good in Filipino atter VG English IDs - 17/4 IC 15340 1100 TAIWAN ?, R.Free Sarawak, S/on in Iban – 27/4 JD 15420 1100 GUAM, AWR (KSDA). Good in English – 10/4 BDW 15430 1100 TAIWAN ?, R.Free Sarawak, S/on in Iban – 27/4 JD 15440 1400 AUSTRIA, AWR via Mos. Good in Indarin – 4/4 BDW 15430 1100 TAIWAN ?, R.Free Sarawak, S/on in Iban – 27/4 JD 15440 1400 AUSTRIA, AWR via Mos. Good in Indish – 6/4 IC 15470 0330 IRAN. Voice of Justice. Good in English - 6/4 IC 15470 0330 IRAN. Voice of Justice via IRIB opening at exc	13362U20	
 13840 0541 MADAGASCAR, R.Japan, Poor in French, om & yl spkg, very noisy // 11730 much stronger – 29/4 CC 15115 1340 THAILAND, VOA, Good in Chinese, 2 oms spkg // 11785 & 11805 not so clear 4/4 CC 15150 1630 AUSTRIA, AWR via Mos. Excellent in Farsi – 3/4 BDW 15150 2302 CHINA, CRI, In Chinese, good but noisy with static – 23/4 DD 15155 2028 AUSTRIA, AWR via Mos. Good in French – 11/4 BDW 15190 1400 GUAM. KTWR Good in English – 2/4 IC 15195 1120 UAE, R.Free Asia, Good in Tibetan yl & om spkg //17495 weaker – 14/4 CC 15205 0100 THAILAND. VOA voa Udorn. Good in English – 27/4 IC 15215 1701 GERMANY, BVB via Wer. Call to Worship'. Good in English – 7/4 BDW 15225 0715 GERMANY, AWR via Nau. Good in Arabic –3/4 BDW 15240 2306 AUSTRALIA, RA, ABC nx in English, noisy with static, but otherwise good – 23/4 DD 15265 0030 PHILIPPINES. RVA. Fair in Bengali – 1/4 IC 15290 1543 AUSTRIA, AWR via Mos. Excellent in Panjabi – 10/4 BDW 15200 1574 AUSTRIA, AWR via Mos. Excellent in Panjabi – 10/4 BDW 15300 1430 VATICAN. RVA. via SMG. Good in Flipino – 5/4 IC 15330 1430 VATICAN. RVA. via SMG. Good in English – 2/4 BDW 15335 1530 GERMANY, AWR via Nau. Excellent in English – 2/4 BDW 15335 2257 PHILIPPINES. RVA. Good in English – 10/4 BDW 15340 1600 GUAM, AWR (KSDA). Good in Flipino after VG English IDs - 17/4 IC 15340 1105 SRI LANKA. Radio Free Sarawak, S/on in Iban – 27/4 JD 15420 2100 GUAM, KKSDA). Good in English – 10/4 BDW 15430 1105 TAIWAKA. Radio Free Sarawak, S/on in Iban – 27/4 JD 15430 1135 SRI LANKA. Radio Free Sarawak, S/on in Iban – 27/4 JD 15430 1136 SRI LANKA. Radio Free Sarawak, S/on in Iban – 27/4 JD 15430 1136 IRAN. Voice of Justice. Good in English – 6/4 IC 15470 0330 IRAN. Voice of Justice. Good in English – 6/4 IC 15470 0330 IRAN. Voice of Justice wia IRIB opening at exc level i		
 11730 much stronger – 29/4 CC 15115 1340 THAILAND, VOA, Good in Chinese, 2 oms spkg // 11785 & 11805 not so clear 4/4 CC 15150 1630 AUSTRIA, AWR via Mos. Excellent in Farsi – 3/4 BDW 15150 2302 CHINA, CRI, In Chinese, good but noisy with static – 23/4 DD 15155 2028 AUSTRIA, AWR via Mos. Good in French – 11/4 BDW 15190 1400 GUAM. KTWR. Good in English – 2/4 IC 15205 1701 GERMANY, BVB via Wer. 'Call to Worship'. Good in English – 7/4 BDW 15225 0715 GERMANY, AWR via Nau. Good in Arabic –3/4 BDW 15240 2306 AUSTRIAL, RA, ABC nx in English, noisy with static, but otherwise good – 23/4 DD 15255 0030 PHILIPPINES. RVA. Fair in Bengali – 1/4 IC 15290 1543 AUSTRIA, AWR via Mos. Excellent in Panjabi – 10/4 BDW 15300 0817 FRANCE, RFI, Good in French, om spkg // 21580 weaker & scratchy – 4/4 CC 1530 1500 VATICAN. RVA. via SMG. Good in Filipino – 5/4 IC 15330 1430 VATICAN. RVE via SMG. VG in Urdu - 4/4 IC 15335 1530 GERMANY, AWR via Nau. Excellent in English – 2/4 BDW 15330 ESEMANY, AWR Via Nau. Excellent in English – 11/4 IC 15330 I430 VATICAN. RVE via SMG. Good in Filipino after VG English IDs - 17/4 IC 15360 1600 GUAM, AWR (KSDA). Good in English – 10/4 BDW 15400 0900 PALAU, R.Free Kenyalang, Poor at s/on in Iban – 27/4 JD 15430 1100 TAIWAN ?, R.Free Sarawak, S/on in Iban – 27/4 JD 15430 1158 SRI LANKA. Radio Free Sarawak, via TRM. Fair in Iban - 24/4 IC 15430 1154 SRI LANKA. Radio Free Sarawak, via TRM. Fair in Iban – 24/4 IC 15430 1154 SRI LANKA. Radio Free Sarawak, via TRM. Fair in Iban – 24/4 IC 15430 1155 SI LANKA. Radio Free Sarawak, via TRM. Fair in Iban – 24/4 IC 15430 1154 SRI LANKA. Radio Free Sarawak, via TRM. Fair in Iban – 24/4 IC 15430 1155 IS30 IRAN. Voice of Justice Kood in English – 6/4 IC 15430 1358 ILANK		
 15115 1340 THAILAND, VOA, Good in Chinese, 2 oms spkg // 11785 & 11805 not so clear 4/4 CC 15150 1630 AUSTRIA, AWR via Mos. Excellent in Farsi – 3/4 BDW 15150 2302 CHINA, CRI, In Chinese, good but noisy with static – 23/4 DD 15155 2028 AUSTRIA, AWR via Mos. Good in French – 11/4 BDW 15190 1400 GUAM. KTWR. Good in English - 2/4 IC 15195 1120 UAE, R.Free Asia, Good in Tibetan yl & om spkg //17495 weaker – 14/4 CC 15205 0100 THAILAND. VOA voa Udorn. Good in English - 27/4 IC 15215 1701 GERMANY, BVB via Wer. 'Call to Worship'. Good in English – 7/4 BDW 15220 0715 GERMANY, AWR via Nau. Good in Arabic –3/4 BDW 15240 2306 AUSTRALIA, RA, ABC nx in English, noisy with static, but otherwise good – 23/4 DD 15250 030 PHILIPPINES. RVA. Fair in Bengali – 1/4 IC 1530 0817 FRANCE, RFI, Good in French, om spkg // 21580 weaker & scratchy – 4/4 CC 1530 0817 FRANCE, RFI, Good in French, om spkg // 21580 weaker & scratchy – 4/4 CC 15330 1430 VATICAN. RVA. via SMG. Good in Filipino – 5/4 IC 15330 1500 GERMANY, AWR via Nau. Excellent in Panjabi – 10/4 BDW 15330 1530 GERMANY, AWR via SMG. VG in Urdu – 4/4 IC 15335 1530 GERMANY, AWR via SMG. Good in Filipino – 5/4 IC 15336 1600 GUAM, AWR (KSDA). Good in English – 10/4 BDW 15400 0900 PALAU, R.Free Kenyalang, Poor at s/on in Iban – 27/4 JD 15430 1100 TAIWAN ?, R.Free Sarawak, S/on in Iban – 27/4 JD 15430 1158 SRI LANKA. Radio Free Sarawak, via TRM. Fair in Iban - 24/4 IC 15430 130 KAN AVGR (visDA). Good in English – 6/4 BDW 15400 130 RAN. Voice of Justice. Good in Urdu – 3/4 BDW 15400 1316 KAN AVG of Justice. Good in Urdu – 3/4 BDW 15400 1316 IRAN. Voice of Justice via IRB opening at exclevel in EE w/ident & sung anthem, // 13650 very good 23/4. Still announcing superseded 31 metre & 25 metre band frequencies. BCM 15410 1400 GUAM. KTWR. Fair in Indonesian af	13840 05	
so clear 4/4 CC 15150 1630 AUSTRIA, AWR via Mos. Excellent in Farsi – 3/4 BDW 15150 2302 CHINA, CRI, In Chinese, good but noisy with static – 23/4 DD 15155 2028 AUSTRIA, AWR via Mos. Good in French – 11/4 BDW 15190 1400 GUAM. KTWR. Good in English - 2/4 IC 15195 1120 UAE, R.Free Asia, Good in Tibetan yl & om spkg //17495 weaker – 14/4 CC 15205 0100 THAILAND. VOA voa Udorn. Good in English - 27/4 IC 15215 1701 GERMANY, BVB via Wer. 'Call to Worship'. Good in English – 7/4 BDW 15225 0715 GERMANY, AWR via Nau. Good in Arabic –3/4 BDW 15240 2306 AUSTRALIA, RA, ABC nx in English, noisy with static, but otherwise good – 23/4 DD 15265 0030 PHILIPPINES. RVA. Fair in Bengali – 1/4 IC 15290 1543 AUSTRIA, AWR via Mos. Excellent in Panjabi – 10/4 BDW 15300 0817 FRANCE, RFI, Good in French, om spkg // 21580 weaker & scratchy – 4/4 CC 15330 1430 VATICAN. RVA. via SMG. Good in Filipino - 5/4 IC 15335 1530 GERMANY, AWR via Nau. Excellent in English – 2/4 BDW 15335 2257 PHILIPPINES. RVA. Good in Filipino after VG English IDs - 17/4 IC 15400 0900 PALAU, R.Free Kenyalang, Poor at s/on in Iban – 27/4 JD 15420 2100 GUAM, AWR (KSDA). Good in English – 10/4 BDW 15430 1100 TAIWAN ?, R.Free Sarawak, S/on in Iban – 27/4 JD 15430 1105 SRI LANKA. Radio Free Sarawak. via TRM. Fair in Iban - 24/4 IC 15430 1030 IRAN. Voice of Justice. Good in English – 6/4 IC 15440 1400 AUSTRIA, AWR via Mos. Good in Urdu - 3/4 BDW 15430 1158 SRI LANKA. Radio Free Sarawak. via TRM. Fair in Iban - 24/4 IC 15440 1400 AUSTRIA, AWR via Mis Good in English - 6/4 IC 15470 0330 IRAN. Voice of Justice. Good in English - 6/4 IC 15470 1330 IRAN. Voice of Justice. Good in English - 6/4 IC 15470 1340 IRAN. Voice of Justice via IRIB opening at exc level in EE w/ident & sung anthem, // 13650 very good 23/4. Still announcing superseded 31 metre & 25 metre band frequencies. BCM 15515 1530 IRAN. VoiRU. VG in English -10/4 IC 15420 1100 GUAM. KTWR. Fair in Indonesian after English IDs - 18/4 IC		
 15150 1630 AUSTRIA, AWR via Mos. Excellent in Farsi – 3/4 BDW 15150 2302 CHINA, CRI, In Chinese, good but noisy with static – 23/4 DD 15155 2028 AUSTRIA, AWR via Mos. Good in French – 11/4 BDW 15190 1400 GUAM. KTWR. Good in English - 2/4 IC 1120 UAE, R.Free Asia, Good in Tibetan yI & om spkg //17495 weaker – 14/4 CC 15205 0100 THAILAND. VOA voa Udorn. Good in English - 27/4 IC 15215 1701 GERMANY, BVB via Wer. 'Call to Worship'. Good in English – 7/4 BDW 15220 06 AUSTRALIA, RA, ABC nx in English, noisy with static, but otherwise good – 23/4 DD 15265 0030 PHILIPPINES. RVA. Fair in Bengali – 1/4 IC 15290 1543 AUSTRIA, AWR via Mos. Excellent in Panjabi – 10/4 BDW 15300 0817 FRANCE, RFI, Good in French, om spkg // 21580 weaker & scratchy – 4/4 CC 15330 1430 VATICAN. RVA via SMG. Good in Filipino - 5/4 IC 15335 1530 GERMANY, AWR via Nau. Excellent in English – 2/4 BDW 15335 2257 PHILIPPINES. RVA. Good in Filipino after VG English IDs - 17/4 IC 1530 0800 GUAM, AWR (KSDA). Good in English – 10/4 BDW 15400 0900 PALAU, R.Free Kenyalang, Poor at s/on in Iban – 27/4 JD 15420 1100 TAIWAN ?, R.Free Sarawak, Via TRM. Fair in Iban - 24/4 IC 15430 1100 TAIWAN ?, R.Free Sarawak, Via TRM. Fair in Iban - 24/4 IC 15430 1105 SRI LANKA. Radio Free Sarawak, via TRM. Fair in Iban - 24/4 IC 15430 1158 SRI LANKA. Radio Free Sarawak, via TRM. Fair in Iban - 24/4 IC 15430 1300 IRAN. Voice of Justice. Good in English - 6/4 IC 15470 0330 IRAN. Voice of Justice. Good in English - 6/4 IC 15470 0330 IRAN. Voice of Justice via IRIB opening at exc level in EE w/ident & sung anthem, // 13650 very good 23/4. Still announcing superseded 31 metre & 25 metre band frequencies. BCM 15515 1530 IRAN. VOIRI. VG in English -10/4 IC 15420 100 GUAM, KTWR. Fair in Indonesian after English IDs - 18/4 IC 	15115 134	
 15150 2302 CHINA, CRI, In Chinese, good but noisy with static – 23/4 DD 15155 2028 AUSTRIA, AWR via Mos. Good in French – 11/4 BDW 15190 1400 GUAM. KTWR. Good in English - 2/4 IC 15195 1120 UAE, R.Free Asia, Good in Tibetan yl & om spkg //17495 weaker – 14/4 CC 15205 0100 THAILAND. VOA voa Udorn. Good in English - 27/4 IC 15215 1701 GERMANY, BVB via Wer. 'Call to Worship'. Good in English – 7/4 BDW 15225 0715 GERMANY, AWR via Nau. Good in Arabic –3/4 BDW 15240 2306 AUSTRALIA, RA, ABC nx in English, noisy with static, but otherwise good – 23/4 DD 15265 0030 PHILIPPINES. RVA. Fair in Bengali – 1/4 IC 15290 1543 AUSTRIA, AWR via Mos. Excellent in Panjabi – 10/4 BDW 15300 0817 FRANCE, RFI, Good in French, om spkg // 21580 weaker & scratchy – 4/4 CC 1530 1430 VATICAN. RVA. via SMG. Good in Filipino - 5/4 IC 15330 1430 VATICAN. RVE via SMG. VG in Urdu - 4/4 IC 15335 1530 GERMANY, AWR via Nau. Excellent in English – 2/4 BDW 15400 0900 PALAU, R.Free Kenyalang, Poor at s/on in Iban – 27/4 JD 15400 0900 PALAU, R.Free Kenyalang, Poor at s/on in Iban – 27/4 JD 15420 100 GUAM, AWR (KSDA). Good in Mandarin – 4/4 BDW 15430 1100 TAIWAN ?, R.Free Sarawak, S/on in Iban – 27/4 JD 15430 1400 AUSTRIA, AWR via Mos. Good in Urdu – 3/4 BDW 15430 1103 IRAN. Voice of Justice. Good in English - 6/4 IC 15470 0330 IRAN. Voice of Justice via IRIB opening at exc level in EE w/ident & sung anthem, // 13650 very good 23/4. Still announcing superseded 31 metre & 25 metre band frequencies. BCM 15515 1530 IRAN. VOIRI. VG in English -10/4 IC 15400 100 GUAM. KTWR. Fair in Indonesian after English IDs - 18/4 IC 	15150 1/1	
 15155 2028 AUSTRIA, AWR via Mos. Good in French – 11/4 BDW 15190 1400 GUAM. KTWR. Good in English - 2/4 IC 15195 1120 UAE, R.Free Asia, Good in Tibetan yl & om spkg //17495 weaker – 14/4 CC 15205 0100 THAILAND. VOA voa Udorn. Good in English - 27/4 IC 15215 1701 GERMANY, BVB via Wer. 'Call to Worship'. Good in English – 7/4 BDW 15225 0715 GERMANY, AWR via Nau. Good in Arabic –3/4 BDW 15240 2306 AUSTRALIA, RA, ABC nx in English, noisy with static, but otherwise good – 23/4 DD 15265 0030 PHILIPPINES. RVA. Fair in Bengali – 1/4 IC 15290 1543 AUSTRIA, AWR via Mos. Excellent in Panjabi – 10/4 BDW 15300 0817 FRANCE, RFI, Good in French, om spkg // 21580 weaker & scratchy – 4/4 CC 15330 1500 VATICAN. RVA. via SMG. Good in Filipino - 5/4 IC 15330 1530 GERMANY, AWR via Nau. Excellent in English – 2/4 BDW 15335 2257 PHILIPPINES. RVA. Good in Filipino after VG English IDs - 17/4 IC 15360 1600 GUAM, AWR (KSDA). Good in English – 10/4 BDW 15400 0900 PALAU, R.Free Kenyalang, Poor at s/on in Iban – 27/4 JD 15420 1100 TAIWAN ?, R.Free Sarawak, s/on in Iban – 27/4 JD 15430 1100 TAIWAN ?, R.Free Sarawak, s/on in Iban – 27/4 JD 15430 1100 TAIWAN ?, R.Free Sarawak, via TRM. Fair in Iban - 24/4 IC 15440 1400 AUSTRIA, AWR via Mos. Good in English - 6/4 IC 15470 0330 IRAN. Voice of Justice. Good in English - 6/4 IC 15470 0330 IRAN. Voice of Justice via IRIB opening at exc level in EE w/ident & sung anthem, // 13650 very good 23/4. Still announcing superseded 31 metre & 25 metre band frequencies. BCM 15515 1530 IRAN. VOIRI. VG in English -10/4 IC 15520 1634 TURKEY, Vo.Turkey, Good in English, yl with news. ID 1636 – 10/4 CC 15620 1100 GUAM. KTWR. Fair in Indonesian after English IDs - 18/4 IC 		
 15190 1400 GUAM. KTWR. Good in English - 2/4 IC 15195 1120 UAE, R.Free Asia, Good in Tibetan yl & om spkg //17495 weaker - 14/4 CC 15205 0100 THAILAND. VOA voa Udorn. Good in English - 27/4 IC 15215 1701 GERMANY, BVB via Wer. 'Call to Worship'. Good in English - 7/4 BDW 15225 0715 GERMANY, AWR via Nau. Good in Arabic -3/4 BDW 15240 2306 AUSTRALIA, RA, ABC nx in English, noisy with static, but otherwise good - 23/4 DD 15265 0030 PHILIPPINES. RVA. Fair in Bengali - 1/4 IC 15290 1543 AUSTRIA, AWR via Mos. Excellent in Panjabi - 10/4 BDW 15300 0817 FRANCE, RFI, Good in French, om spkg // 21580 weaker & scratchy - 4/4 CC 15330 1500 VATICAN. RVA. via SMG. Good in Filipino - 5/4 IC 15330 1430 VATICAN. RVE via SMG. Good in Filipino - 5/4 IC 15335 2257 PHILIPPINES. RVA. Good in Filipino after VG English IDs - 17/4 IC 15360 1600 GUAM, AWR (KSDA). Good in English - 10/4 BDW 15400 0900 PALAU, R.Free Kenyalang, Poor at s/on in Iban - 27/4 JD 15420 2100 GUAM, AWR (KSDA). Good in Mandarin - 4/4 BDW 15400 1000 TAIWAN ?, R.Free Sarawak, S/on in Iban Fair - 27/4 JD 15420 1100 TAIWAN ?, R.Free Sarawak, S/on in Iban Fair in Iban - 24/4 IC 15430 1100 TAIWAN ?, R.Free Sarawak, S/on in Iban Fair in Iban - 24/4 IC 15430 1303 IRAN. Voice of Justice. Good in English - 6/4 IC 15470 0330 IRAN. Voice of Justice. Good in English - 6/4 IC 15470 0330 IRAN. Voice of Justice via IRIB opening at exc level in EE w/ident & sung anthem, // 13650 very good 23/4. Still announcing superseded 31 metre & 25 metre band frequencies. BCM 15515 1530 IRAN. VOIRI. VG in English -10/4 IC 15520 1634 TURKEY, V.o.Turkey, Good in English , yl with news. ID 1636 - 10/4 CC 15620 1100 GUAM. KTWR. Fair in Indonesian after English IDs - 18/4 IC 		
 15195 1120 UAE, R.Free Asia, Good in Tibetan yl & om spkg //17495 weaker – 14/4 CC 15205 0100 THAILAND. VOA voa Udorn. Good in English - 27/4 IC 15215 1701 GERMANY, BVB via Wer. 'Call to Worship'. Good in English – 7/4 BDW 15225 0715 GERMANY, AWR via Nau. Good in Arabic –3/4 BDW 15240 2306 AUSTRALIA, RA, ABC nx in English, noisy with static, but otherwise good – 23/4 DD 15265 0030 PHILIPPINES. RVA. Fair in Bengali – 1/4 IC 15290 1543 AUSTRIA. AWR via Mos. Excellent in Panjabi – 10/4 BDW 15300 0817 FRANCE, RFI, Good in French, om spkg // 21580 weaker & scratchy – 4/4 CC 15300 1530 VATICAN. RVA. via SMG. Good in Filipino - 5/4 IC 15330 1430 VATICAN. RVE via SMG. VG in Urdu - 4/4 IC 15335 1530 GERMANY, AWR via Nau. Excellent in English – 2/4 BDW 15305 0900 PALAU, R.Free Kenyalang, Poor at s/on in Iban – 27/4 JD 15400 0900 PALAU, R.Free Kenyalang, Poor at s/on in Iban – 27/4 JD 15400 0900 PALAU, R.Free Sarawak, S/on in Iban Fair – 27/4 JD 15430 1158 SRI LANKA. Radio Free Sarawak. via TRM. Fair in Iban - 24/4 IC 15435 2200 GUAM. KSDA. Poor in Sundanese - 31/3 IC 15440 1400 AUSTRIA, AWR via Mos. Good in English - 6/4 IC 15470 0330 IRAN. Voice of Justice. Good in English - 6/4 IC 15470 0330 IRAN. Voice of Justice. Good in English - 6/4 IC 15470 0330 IRAN. Voice of Justice. Good in English - 6/4 IC 15470 1540 IRAN. Voice of Justice via IRIB opening at exc level in EE w/ident & sung anthem, // 13650 very good 23/4. Still announcing superseded 31 metre & 25 metre band frequencies. BCM 15515 1530 IRAN. VOIRI. VG in English -10/4 IC 15520 1634 TURKEY, V.o.Turkey, Good in English, yl with news. ID 1636 - 10/4 CC 15620 1100 GUAM. KTWR. Fair in Indonesian after English IDs - 18/4 IC 		
 15205 0100 THAILAND. VOA voa Udorn. Good in English - 27/4 IC 15215 1701 GERMANY, BVB via Wer. 'Call to Worship'. Good in English - 7/4 BDW 15225 0715 GERMANY, AWR via Nau. Good in Arabic -3/4 BDW 15240 2306 AUSTRALIA, RA, ABC nx in English, noisy with static, but otherwise good - 23/4 DD 15265 0030 PHILIPPINES. RVA. Fair in Bengali - 1/4 IC 15290 1543 AUSTRIA, AWR via Mos. Excellent in Panjabi - 10/4 BDW 15300 0817 FRANCE, RFI, Good in French, om spkg // 21580 weaker & scratchy - 4/4 CC 15300 1430 VATICAN. RVA. via SMG. Good in Filipino - 5/4 IC 15335 1530 GERMANY, AWR via Nau. Excellent in English - 2/4 BDW 15335 2257 PHILIPPINES. RVA. Good in Filipino after VG English IDs - 17/4 IC 15360 1600 GUAM, AWR (KSDA). Good in English - 10/4 BDW 15400 0900 PALAU, R.Free Kenyalang, Poor at s/on in Iban - 27/4 JD 15420 1100 TAIWAN ?, R.Free Sarawak, S/on in Iban - 27/4 JD 15430 1100 TAIWAN ?, R.Free Sarawak, S/on in Iban - 27/4 JD 15430 1138 SRI LANKA. Radio Free Sarawak, via TRM. Fair in Iban - 24/4 IC 15435 2200 GUAM. KSDA. Poor in Sundanese - 31/3 IC 15440 1400 AUSTRIA, AWR via Mos. Good in English - 6/4 IC 15470 0330 IRAN. Voice of Justice. Good in English - 6/4 IC 15470 0330 IRAN. Voice of Justice via IRIB opening at exc level in EE w/ident & sung anthem, // 13650 very good 23/4. Still announcing superseded 31 metre & 25 metre band frequencies. BCM 15515 1530 IRAN. VOIRI. VG in English - 10/4 IC 15520 1634 TURKEY, V.o.Turkey, Good in English, yl with news. ID 1636 - 10/4 CC 15600 1100 GUAM. KTWR. Fair in Indonesian after English IDs - 18/4 IC 		
 15215 1701 GERMANY, BVB via Wer. 'Call to Worship'. Good in English – 7/4 BDW 15225 0715 GERMANY, AWR via Nau. Good in Arabic –3/4 BDW 15240 2306 AUSTRALIA, RA, ABC nx in English, noisy with static, but otherwise good – 23/4 DD 15265 0030 PHILIPPINES. RVA. Fair in Bengali – 1/4 IC 15290 1543 AUSTRIA, AWR via Mos. Excellent in Panjabi – 10/4 BDW 15300 0817 FRANCE, RFI, Good in French, om spkg // 21580 weaker & scratchy – 4/4 CC 15320 1500 VATICAN. RVA. via SMG. Good in Filipino - 5/4 IC 15330 1430 VATICAN. RVA. via SMG. Good in Filipino - 5/4 IC 15335 1530 GERMANY, AWR via Nau. Excellent in English – 2/4 BDW 15335 2257 PHILIPPINES. RVA. Good in Filipino after VG English IDs - 17/4 IC 15360 1600 GUAM, AWR (KSDA). Good in English – 10/4 BDW 15400 0900 PALAU, R.Free Kenyalang, Poor at s/on in Iban – 27/4 JD 15420 2100 GUAM, AWR (KSDA). Good in Mandarin – 4/4 BDW 15430 1100 TAIWAN ?, R.Free Sarawak, S/on in Iban Fair – 27/4 JD 15430 1158 SRI LANKA. Radio Free Sarawak. via TRM. Fair in Iban - 24/4 IC 15435 2200 GUAM. KSDA. Poor in Sundanese - 31/3 IC 15440 1400 AUSTRIA, AWR via Mos. Good in English - 6/4 BDW 15470 0330 IRAN. Voice of Justice. Good in English - 6/4 IC 15470 0330 IRAN. Voice of Justice via IRIB opening at exc level in EE w/ident & sung anthem, // 13650 very good 23/4. Still announcing superseded 31 metre & 25 metre band frequencies. BCM 15515 1530 IRAN. VOIRI. VG in English - 10/4 IC 15520 I634 TURKEY, V.o.Turkey, Good in English, yl with news. ID 1636 – 10/4 CC 15620 1100 GUAM. KTWR. Fair in Indonesian after English IDs - 18/4 IC 		
 15225 0715 GERMANY, AWR via Nau. Good in Arabic –3/4 BDW 15240 2306 AUSTRALIA, RA, ABC nx in English, noisy with static, but otherwise good – 23/4 DD 15265 0030 PHILIPPINES. RVA. Fair in Bengali – 1/4 IC 15290 1543 AUSTRIA, AWR via Mos. Excellent in Panjabi – 10/4 BDW 15300 0817 FRANCE, RFI, Good in French, om spkg // 21580 weaker & scratchy – 4/4 CC 15320 1500 VATICAN. RVA. via SMG. Good in Filipino - 5/4 IC 15330 1430 VATICAN. RVE via SMG. VG in Urdu - 4/4 IC 15335 2257 PHILIPPINES. RVA. Good in Filipino after VG English IDs - 17/4 IC 15360 1600 GUAM, AWR (KSDA). Good in English – 10/4 BDW 15400 0900 PALAU, R.Free Kenyalang, Poor at s/on in Iban – 27/4 JD 15420 2100 GUAM, AWR (KSDA). Good in Mandarin – 4/4 BDW 15430 1100 TAIWAN ?, R.Free Sarawak, S/on in Iban Fair – 27/4 JD 15430 1158 SRI LANKA. Radio Free Sarawak. via TRM. Fair in Iban - 24/4 IC 15435 2200 GUAM. KSDA. Poor in Sundanese - 31/3 IC 15440 1400 AUSTRIA, AWR via Mos. Good in Urdu – 3/4 BDW 15470 0330 IRAN. Voice of Justice. Good in English - 6/4 IC 15470 0330 IRAN. Voice of Justice via IRIB opening at exc level in EE w/ident & sung anthem, // 13650 very good 23/4. Still announcing superseded 31 metre & 25 metre band frequencies. BCM 15515 1530 IRAN. VOIRI. VG in English -10/4 IC 15520 I634 TURKEY, V.o.Turkey, Good in English, yl with news. ID 1636 – 10/4 CC 15620 1100 GUAM. KTWR. Fair in Indonesian after English IDs - 18/4 IC 		
 15240 2306 AUSTRALIÅ, RA, ABC nx in English, noisy with static, but otherwise good – 23/4 DD 15265 0030 PHILIPPINES. RVA. Fair in Bengali – 1/4 IC 15290 1543 AUSTRIA, AWR via Mos. Excellent in Panjabi – 10/4 BDW 15300 0817 FRANCE, RFI, Good in French, om spkg // 21580 weaker & scratchy – 4/4 CC 15301 1430 VATICAN. RVA. via SMG. Good in Filipino - 5/4 IC 15335 1530 GERMANY, AWR via Nau. Excellent in English – 2/4 BDW 15335 2257 PHILIPPINES. RVA. Good in Filipino after VG English IDs - 17/4 IC 15360 1600 GUAM, AWR (KSDA). Good in English – 10/4 BDW 15400 0900 PALAU, R.Free Kenyalang, Poor at s/on in Iban – 27/4 JD 15420 2100 GUAM, AWR (KSDA). Good in Mandarin – 4/4 BDW 15430 1100 TAIWAN ?, R.Free Sarawak, S/on in Iban Fair – 27/4 JD 15430 1158 SRI LANKA. Radio Free Sarawak. via TRM. Fair in Iban - 24/4 IC 15435 2200 GUAM. KSDA. Poor in Sundanese - 31/3 IC 15440 1400 AUSTRIA, AWR via Mos. Good in English - 6/4 IC 15470 0330 IRAN. Voice of Justice. Good in English - 6/4 IC 15470 0330 IRAN. Voice of Justice via IRIB opening at exc level in EE w/ident & sung anthem, // 13650 very good 23/4. Still announcing superseded 31 metre & 25 metre band frequencies. BCM 15515 1530 IRAN. VOIRI. VG in English -10/4 IC 15520 1634 TURKEY, V.o.Turkey, Good in English, yl with news. ID 1636 – 10/4 CC 15620 1100 GUAM. KTWR. Fair in Indonesian after English IDs - 18/4 IC 		
 good – 23/4 DD 15265 0030 PHILIPPINES. RVA. Fair in Bengali – 1/4 IC 15290 1543 AUSTRIA, AWR via Mos. Excellent in Panjabi – 10/4 BDW 15300 0817 FRANCE, RFI, Good in French, om spkg // 21580 weaker & scratchy – 4/4 CC 15300 1430 VATICAN. RVA. via SMG. Good in Filipino - 5/4 IC 15330 1430 VATICAN. RVE via SMG. VG in Urdu - 4/4 IC 15335 1530 GERMANY, AWR via Nau. Excellent in English – 2/4 BDW 15335 2257 PHILIPPINES. RVA. Good in Filipino after VG English IDs - 17/4 IC 15360 1600 GUAM, AWR (KSDA). Good in English – 10/4 BDW 15400 0900 PALAU, R.Free Kenyalang, Poor at s/on in Iban – 27/4 JD 15420 2100 GUAM, AWR (KSDA). Good in Mandarin – 4/4 BDW 15430 1100 TAIWAN ?, R.Free Sarawak, S/on in Iban Fair – 27/4 JD 15430 1158 SRI LANKA. Radio Free Sarawak. via TRM. Fair in Iban - 24/4 IC 15435 2200 GUAM. KSDA. Poor in Sundanese - 31/3 IC 15440 1400 AUSTRIA, AWR via Mos. Good in Urdu – 3/4 BDW 15470 0330 IRAN. Voice of Justice. Good in English - 6/4 IC 15470 0330 IRAN. Voice of Justice via IRIB opening at exc level in EE w/ident & sung anthem, // 13650 very good 23/4. Still announcing superseded 31 metre & 25 metre band frequencies. BCM 15515 1530 IRAN. VOIRI. VG in English -10/4 IC 15520 1634 TURKEY, V.o.Turkey, Good in English, yl with news. ID 1636 – 10/4 CC 15620 1100 GUAM. KTWR. Fair in Indonesian after English IDs - 18/4 IC 		
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15735 1403 UZBEKISTAN, R.Japan, Good in English, om & yl with nx, ID 1409 – 4/4 CC 15745 0133 SRI LANKA SLBC English Service from Colombo with drumming and late signon 23/4 with apologies from anner. Good through till 0300 close. BCM 15800 0728 TAIWAN, SOH Xi Wang Zhi Sheng (tent), music only, poor – 23/3 JW 17370 0750 TAIWAN, SOH Xi Wang Zhi Sheng (tent), music only, good - 23/3 JW 17520 1000 GUAM. KSDA. Fair in Mandarin after English IDs -8/4 IC 17575 0631 ROMANIA, RRI. Good in Arabic - 14/4 BDW 17615 0137 SINGAPORE, BBC, Good in Bengali, FA iinterviews om, ID - 21/4 KB 17615 0300 N.MARIANAS, RFA, Fair in CC over co-chanl CNR at s/on, but mixing 0724 - 23/4 KB 17730 0811 S.ARABIA, BSKSA, Good in Arabic, om chanting //17740 weaker - 4/4 CC 17735 1933 TUNISIA, R.Tunisienne, Fair/Good in Arabic & mx, ID, nx, off 2006 – 20/4 KB 17800 0604 RWANDA, DW, Fair in English, nx, ID, by 0630 had faded to poor - 7/4 KB 17820 0305 PHILIPPINES, R.Pilipinas, Fair in English on dipole, poor on Inverted L, 0329 xmsn ends - 21/4 JW 17830 0707 S.AFRICA, BBC, Poor in English, nx, earthquake China – 22/4 KB 17855 0502 N.MARIANAS, RFA, Fair in CC over co-chan CNR, mixing 0748 – 24/4 KB 17885 1933 ASCENSCION ISL, BBC, Fair in Hausa - 7/4 KB 21640 1120 IRAN, VOIRI, Good in English, rmks abt U.S., off 1130 // 21505 G - 15/4 KB 21740 2349 AUSTRALIA, RA, Good in English, MA interviews yl //19000 VG, 17750 G, 17795 VG - 21/4 KB 21780 0635 UAE, BBC via Dha, Fair/Good in Hausa – 14/.4 KB 25950 0226 USA, KOA, Denver, tentative, Fair in English on occsnl peaks, talk format, MA advises to "stay safe on the road", Hrd intmntly 2200-0600 throughout month; on 20/4 partial ID ...850 (MW freg for KOA) - 16/4 KB

OVERSEAS LOGGINGS. All may not be audible in NZ at the times listed

- **k**Hz UTC Country, Station, Programme, & Reception Details
- 9445 2208 INDIA. All India Radio Bengaluru, 2208-2230, male announcer with commentary in English followed by General Overseas Service ID. Woman hosted feature about Indian culture with some music segments. Closedown ID and announcements by a man announcer at 2229. Fair to good signal – 23/3 RDA
- 9475 0842 AUSTRALIA. Radio Australia Shepparton, 0842-0903, English features, ID followed by program promos before the news at 0900. //9580 – 8/4 RDA
- 9640 0103 ENGLAND. Voice of Vietnam Wooferton, 0103-0127*, woman announcer with news in English. World news at 0108 followed by ID at 0110 and Review of Top World Events Last Week. Finally ID followed by instrumental music until carrier terminated. Fair to good – 26/3 RDA
- 9700 0854 NEW ZEALAND. Radio New Zealand, 0854-0912, Dateline Pacific program from BBC confused me until RNZI ID at 0857, instrumental music with time pips, ID, TC and news. Good signal – 8/4 RDA
- 11595 0007 CLANDESTINE (Burma). Democratic Voice of Burma Gavar, 0007-0029*, man and woman announcer with talks in Burmese language, interview segment. Woman announcer talking over instrumental music at 0024 followed by a man announcer with

eemingly ID and closedown routine.	Fair – 26/4 RDA
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- 11710 2216 CHINA. China National Radio Shijiazhuan, 2216-2240, Chinese language talks, familiar theme music, brief musical segments between talks, ID at 2230 after musical fanfare. Fair 30/3 RDA
- 11730 2257 BELARUS. Radio Belarus (presumed), 2257-2300*, female vocal selection until carrier terminated at 2300 so missed any sign off ID and announcements. Poor to fair 25/4 RDA
- 11815 0234 BRAZIL. Radio Brasil Central, 0234-0311, Brasilian pop music program hosted by a male announcer with Portuguese talks, ID, jingles, etc. Woman announcer with news at 0256. Fair. Checked 4985 which was covered by some sort of noise pollution – 20/4 RDA
- 12095 0259 OMAN. BBC World Service, *0259-0316, opened with woman announcer ID as "BBC World Service, the world's radio station". Time pips, ID and news with Margaret Thatcher's death the lead story. News Day program followed at 0306. Good signal – 9/4 RDA
- 13650 0344 13650 IRAN. Voice of Justice Sirjan, 0344-0413, woman announcer with news in English followed by ID and commentary. Fair signal but deteriorating around 0410. //15470 (Kamalabad) was poo – 21/4 RDA
- 15505 1423 BANGLADESH. Bangladesh Betar, 1423-1430*, local vocals until woman announcer in listed Urdu language closed down the broadcast with ID and announcements. Poor – 20/4 RDA
- 17550 2310 KUWAIT. Radio Kuwait, 2310-0000*, man announcer with Arabic talks hosting local music program features. ID and closedown at 2359. Poor to fair 25/4 RDA

CONTRIBUTORS THIS MONTH

BCM Bryan Clark Mangawhai (Northland) AOR7030+, EWEs to North, Central & South America 100m BOG to NE, and Alpha Delta Sloper antennas **BDW** Brian Webb Upper Hutt Watts portable. 1m whip, Digitor AR1733 portable 48cm whip Paraparaumu, Sangean ATS 803A, 30m wire on CC Cliff Couch. apartment facia board DD Des Davey, Te Kuiti, Satellit 750, 50M wire. IC Ian Cattermole. Blenheim JRC NRD-535, ICOM IC-746Pro, Antenna T2FD, EWE JRC-535Db, Eavesdropper trap dipole JD John Durham Tauranaa Mosgiel FRG-7. Dipole & Inverted L pointing SSE/NNW WL Jonathon Wood KB Kelvin Bravshaw, Levin, DR-31, ATS-909, Tecsun PL-390 Coax Loop. PP Phil Van de Paverd Howick IC-76E. 15 EWE RDA Richard d'Angelo, Wyomissing PA USA Ten-Tec RX-340, Drake R-8B, Eton1, Eton E5, Alpha/Delta DX sloper RF systems Mini Windom, Datong FL3, JPS ANC-4 Kelvín

Your contributions to this column are appreciated and may be posted to 23 Tasman St, LEVIN 5510

or e.mailed to k.brayshaw@slingshot.co.nz

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ENGLISH IN TIME ORDER

Editor

Yuri (George) Muzyka Auckland

email eto@radiodx.com



Time Order summary of Ken's BandWatch Under 9MHz & Kelvin's BandWatch Over 9MHz columns. For station transmitter sites please refer to the 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.

The Solar Flux is aired daily over WWV/WWVH on 2.5, 5, 10, 15 and 20 MHz Shortwave at 18 & 45 minutes past every hour.

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

73 - Yuri, ZL1GYM http://www.linradio.com/sources.htm

NEW ZEALAND CONTRIBUTIONS					
Time	Freq	Station	Station	Log	DXer
(UTC)	(kHz)	Name	Country	Date	Name
0035	9685p	Int Radio Serbia	SERBIA	26/4	BCM
0100	15205g	VOA	USA	27/4	IC
0133-0300	15745g	SLBC	SRI LANKA	23/4	BCM
0226	25950f	KOA	USA?	16/4	KB
0228	11710g	RAE	ARGENTINA	2/4	BDW
0300	9665g	VOR	RUSSIA	13/4	BDW
0301-0330	9720e	Radio Cairo	EGYPT	23/4	BCM
0305-0329	17820f	R. Pilipinas	PHILIPPINES	21/4	JW
0329-0330	7350f	R Romania Int	ROMANIA	24/4	KAB
0330	15470g	Voice of Justice	IRAN	6/4	IC
0343	9515g	TRT	TURKEY	11/4	BDW
0344	7350p	RRI	ROMANIA	11/4	IC
0400	11560g Rad	dio Miraya FM	BULGARIA?	7/4	IC
0431	5935f	WWCR	USA	25/4	KAB
0506	11970g	NHK	JAPAN	3/4	BDW
0548-0552	9700g	RRI	ROMANIA	29/4	CC
0559	11560g	R. Miraya	BULGARIA?	1/5	JW
0604-0630	17800f	DW	GERMANY	7/4	KB
0705	7400f	TWR	?	26/4	IC
0707	17830p	BBC	UK	22/4	KB
0715	5830g	WTWW	USA	3/4	IC
0806	9570f	KBS World Radic		22/4	BCM
0907	7325f	Radio Wantok Li	te PNG	25/4	KVB
0958-1000	11840g	KTWR	GUAM	19/4	CC
1017	4055p	Radio Verdad	GUATEMALA	10/4	BCM
1120-1130	21505g:21640g	VOIRI	IRAN	15/4	KB

NEW ZEALAND CONTRIBUTIONS

1125 1133 1219 1400 1403-1409 1527-1529 1530 1530 1533 1600 1600 1604 1634-1636 1635 1638 1701 1712 1741 1808-1812 1900 1905 1935 2003 2045 2130 2206	15670f 6195f:9740g 9760e 15190g 15735g 12015g 15335e 15515g 9540g 6185g 15360g 9570g 15520g 11900g 7420g 15215g 7410g 6090g:7235g 7275f 4930f 4960f 7280f 9400g:9715 13362(USB)e 7280f 9390f	V. o. Russia BBC WS CRI KTWR R. Japan V.o. Mongolia AWR VOIRI NHK V of Russia AWR (KSDA) CRI V. o. Turkey CRI CRI CRI CRI CRI CRI CRI CRI CRI CRI	RUSSIA UK CHINA GUAM JAPAN MONGOLIA ? IRAN JAPAN RUSSIA GUAM CHINA TURKEY CHINA CHINA GERMANY? CHINA GERMANY? CHINA STH KOREA USA RUSSIA VIETNAM IRAN USA VIETNAM THAILAND	15/4 10/4 5/4 2/4 4/4 23/4 2/4 10/4 3/4 10/4 3/4 10/4 6/4 9/4 7/4 8/4 8/4 22/4 28/4 28/4 29/4 23/4 15/4 22/4 26/4 15/4	CC CC BDW IC CC BDW BDW BDW BDW BDW BDW BDW BDW BDW BDW
2306	15240g	RA	AUSTRALIA	23/4	DD
2349 1775	0g:17795g:19000g:21	1740g RA	AUSTRALIA	21/4	KB



SHORTWAVE REPORT

Editor Ian Cattermole Blenheim

email shortwave.report@radiodx.com



ALBANIA:

Summer A-13 SW schedule of Radio Tirana: 0130-0200 9850 SHI 100 kW 310 deg to NoAM English Tue-Sun 0700-0900 7390 SHI 100 kW non-dir to WeEUR Albanian 1700-1730 7465 SHI 100 kW non-dir to SoEUR Italian Mon-Sat 1730-1800 7465 SHI 100 kW 310 deg to WeEUR French Mon-Sat 1931-2000 7465 SHI 100 kW 310 deg to WeEUR German Mon-Sat 2000-2030 7465 SHI 100 kW 310 deg to U.K. English Mon-Sat 2300-2400 9850 SHI 100 kW 310 deg to NoAM Albanian (DX MIX News, Ivo Ivanov-BUL, via wwdxc BC-DX TopNews April 16)

BANGLADESH;

Radio Bangla Betar - A13 Summer Schedule. Effective: 31 March - 27 Oct 2013 All times UTC 1230-1300 15105 DKA 250 kW / 140 deg to SEAs English 1315-1345 7250 DKA 250 kW / 320 deg to SoAs Nepali 1400-1430 15505 DKA 250 kW / 290 deg to WeAs Urdu 1515-1545 15505 DKA 250 kW / 305 deg to SoAs Hindi 1600-1630 7250 DKA 250 kW / 290 deg to N/ME Arabic 1630-1730 7250 DKA 250 kW / 290 deg to N/ME Bangla 1745-1900 7250 DKA 250 kW / 320 deg to WeEu English 1915-2000 7250 DKA 250 kW / 320 deg to WeEu Bangla (Balkan DX/29 Apr 2013)

BELARUS

Radio Belarus - A13 Summer Schedule All times UTC 1100-1400 11730 MNS 100 kW / 246 deg to WeEu Belarussian 1400-1600 11730 MNS 100 kW / 246 deg to WeEu Russian 1600-1800 11730 MNS 100 kW / 246 deg to WeEu Polish 1705-1800 7255 MNS 125 kW / 252 deg to WeEu Polish 1800-1940 7255 MNS 125 kW / 252 deg to WeEu German 1800-1940 11730 MNS 100 kW / 246 deg to WeEu German 1940-2000 7255 MNS 125 kW / 252 deg to WeEu German Tue/Wed/Fri 1940-2000 11730 MNS 100 kW / 246 deg to WeEu German Tue/Wed/Fri

 1940-2000
 7255 MNS 125 kW / 252 deg to WeEu French Sat-Mon/Thu

 1940-2000
 11730 MNS 100 kW / 246 deg to WeEu French Sat-Mon/Thu

 2000-2020
 7255 MNS 125 kW / 252 deg to WeEu Spanish Sat-Mon

 2000-2020
 11730 MNS 100 kW / 246 deg to WeEu Spanish Sat-Mon

 2000-2020
 7255 MNS 125 kW / 252 deg to WeEu Spanish Sat-Mon

 2000-2020
 7255 MNS 125 kW / 252 deg to WeEu English Tue-Fri

 2000-2020
 11730 MNS 100 kW / 246 deg to WeEu English Tue-Fri

 2020-2200
 7255 MNS 125 kW / 252 deg to WeEu English

 2020-2200
 11730 MNS 100 kW / 246 deg to WeEu English

 2020-2200
 7255 MNS 125 kW / 252 deg to WeEu English

 2020-2200
 7255 MNS 125 kW / 252 deg to WeEu English

 2020-2200
 11730 MNS 100 kW / 246 deg to WeEu English

 2020-2200
 7255 MNS 125 kW / 252 deg to WeEu English

 2020-2300
 7255 MNS 125 kW / 252 deg to WeEu English

 2020-2300
 7255 MNS 125 kW / 252 deg to WeEu Russian

 (Balkan DX/29 Apr 2013)
 100 kW / 246 deg to WeEu Russian

EGYPT

Summer A-13 schedule of Radio Cairo:

0030-0430 9965 ABS 200 kW 325 deg to NoEaAM Arabic + MERadio 9191v 0045-0200 9720 ABZ 250 kW 330 deg to NoAM Spanish 0045-0200 13620 ABS 250 kW 241 deg to SoAM Spanish 0045-0200 13855 ABS 250 kW 286 deg to CeAM Spanish 0200-0330 9720 ABZ 250 kW 330 deg to NoAM English 0200-0700 13850 ABS 250 kW 315 deg to NoAM Arabic GS 0400-0600 15610 ABZ 250 kW 170 deg to CeEaAF Swahili 0700-1100 17510 ABZ 100 kW 250 deg to WeAF Arabic GS 1015-1215 17830 ABZ 250 kW 090 deg to WeAS Arabic 1215-1330 17870 ABZ 250 kW 090 deg to SoAS English 1230-1400 15710 ABS 250 kW 106 deg to SoEaAS Indonesian 1300-1600 15535 ABS 250 kW 241 deg to WeAF Arabic 1330-1400 15365 ABZ 250 kW 070 deg to WeAS Dari 1330-1530 15245 ABZ 100 kW 070 deg to WeAS Farsi 1400-1600 15545 ABZ 250 kW 070 deg to WeAS Pashto 1500-1600 13580 ABS 250 kW 315 deg to EaEUR Albanian 1500-1600 15160 ABS 250 kW 061 deg to CeAS Uzbek 1530-1730 17840 ABZ 250 kW 170 deg to CeEaAF Swahili 1600-1700 15450 ABZ 100 kW 160 deg to EaCeAF Afar 1600-1800 15345 ABS 150 kW 196 deg to CeSoAF English 1600-1800 15735 ABZ 250 kW 090 deg to SoAS Urdu 1700-1730 15285 ABZ 100 kW 160 deg to EaCeAF Somali 1700-1900 9280 ABS 250 kW 005 deg to NE/ME Turkish 1730-1900 15285 ABZ 100 kW 160 deg to EaCeAF Amharic 1800-1900 9490 ABS 200 kW 325 deg to WeEUR Italian + MERadio 8716v 1800-2100 15710 ABS 250 kW 241 deg to WeAF Hausa 1845-2000 17625 ABZ 250 kW 245 deg to WeAF Fulfulde 1900-2000 9685 ABS 250 kW 005 deg to EaEUR Russian 1900-2000 12050 ABS 200 kW 325 deg to WeEUR German + MERadio 11276v 1900-2030 15290 ABZ 250 kW 250 deg to WeAF English 1900-0030 11540 ABZ 100 kW 160 deg to CeEaAF Arabic Voice of Arab

2000-2115 12050 ABS 200 kW 325 deg to WeEUR French + MERadio 11276v 2000-2200 15225 ABZ 250 kW 110 deg to AUS Arabic 2100-2300 15205 ABS 250 kW 241 deg to WeAF French 2115-2245 11890 ABS 200 kW 325 deg to WeEUR English + MERadio 11116v 2215-2330 15480 ABZ 250 kW 245 deg to SoAM Portuguese 2300-0030 9965 ABS 200 kW 325 deg to NoEaAM English + MERadio 9191v 2330-0045 15480 ABZ 250 kW 245 deg to SoAM Arabic 2330-0045 13855 ABS 250 kW 286 deg to CeAM Arabic

Note: Many of these frequencies, most have severe technical problems such as extreme distortion and/or undermodulation.

(DX MIX News, Ivo Ivanov-BUL, via wwdxc BC-DX TopNews April 16)

PAKISTAN

Summer A-13 schedule of Radio Pakistan: 0045-0215 on 11580 ISL 250 kW / 118 deg to SoAs Urdu 0045-0215 on 17710 ISL 250 kW / 118 deg to SoAs Urdu 0500-0700 on 15100 ISL 250 kW / 282 deg to N&ME Urdu 0500-0700 on 17835 ISL 250 kW / 282 deg to N&ME Urdu 0830-1105 on 15100#ISL 250 kW / 213 deg to WeEu Urdu 0830-1105 on 17720#ISL 250 kW / 313 deg to WeEu Urdu 1200-1300 on 15700 ISL 250 kW / 070 deg to EaAs Chinese 1200-1300 on 17720 ISL 250 kW / 070 deg to EaAs Chinese 1330-1530 on 15235 ISL 250 kW / 282 deg to N&ME Urdu 1330-1530 on 17520 ISL 250 kW / 282 deg to N&ME Urdu 1330-1530 on 15705 ISL 250 kW / 282 deg to N&ME Urdu 1700-1900 on 11570*ISL 250 kW / 313 deg to WeEu Urdu 1700-1900 on 15265*ISL 250 kW / 313 deg to WeEu Urdu 1700-1900 on 15265*ISL 250 kW / 313 deg to WeEu Urdu # incl.English news bulletin 0900-0910 and 1100-1105 * incl.English news bulletin 1700-1710 (DX MIX News)

PHILIPPINES

EBC Philippines A13 Summer Schedule 000-0015 9795 IBA 100 kW / 270 deg to SEAs Khmu 0000-0030 9405 BOC 100 kW / 345 deg to EaAs Chinese 0000-0100 12055 BOC 100 kW / 305 deg to SEAs Lahu/Wa 0000-0100 12070 IBA 100 kW / 330 deg to EaAs Chinese 0000-0100 15600 BOC 100 kW / 293 deg to SEAs Chin-Asho/Khumi-Karen 0000-0130 15435 BOC 100 kW / 305 deg to EaAs Shan/Tai-Lu/Maitei/Chin 0100-0130 15560 BOC 100 kW / 200 deg to SEAs Javanese 0630-0800 15450 IBA 100 kW / 330 deg to EaAs Chinese 0730-0900 15525 BOC 100 kW / 345 deg to EaAs Chinese 0800-0830 15320 BOC 100 kW / 200 deg to SEAs Madurese M-Wed 0800-0830 15320 BOC 100 kW / 185 deg to SEAs Sasak Thu-Sun

NEW ZEALAND DX TIMES

0800-0900 15450 IBA 100 kW / 330 deg to EaAs Hu/Mgolian 0830-0900 11820 BOC 100 kW / 200 deg to SEAs Banjar M/Wed/Fri 0830-0900 11820 BOC 100 kW / 185 deg to SEAs Gortalo Tue/Thu/Sat/Sun 0900-1000 15450 BOC 100 kW / 245 deg to SEAs Minangkabau 0900-1000 15580 BOC 100 kW / 185 deg to SEAs Makassarese/Buginese 0900-1400 9400 IBA 100 kW / 330 deg to EaAs Chinese 0900-1700 9430 BOC 100 kW / 345 deg to EaAs Chinese 1000-1030 15640 BOC 100 kW / 308 deg to SEAs Southern Bai 1030-1100 12095 BOC 100 kW / 293 deg to SEAs Tai-Lu 1000-1100 15580 BOC 100 kW / 215 deg to SEAs Sunda/Sasak 1100-1200 9795 BOC 100 kW / 280 deg to SEAs Lahu 1100-1200 9855 IBA 100 kW / 270 deg to SEAs Vietnamese 1100-1300 12095 BOC 100 kW / 305 deg to SEAs Hmg/Lao/Njua/Mien 1115-1200 15330 BOC 100 kW / 278 deg to SEAs Karen/M/Jingpho 1200-1300 7410 BOC 100 kW / 280 deg to SEAs Khmer 1200-1330 9920 IBA 100 kW / 270 deg to SEAs Rade/Jarai/Roglai/Sedang/Koho 1200-1400 12020 BOC 100 kW / 293 deg to SEAs Rawang/Akha/Naga/Chin-Daai 1300-1330 11825 BOC 100 kW / 305 deg to CeAs Tibetan 1300-1400 12095 BOC 100 kW / 280 deg to SEAs Hmg/Khmu 1330-1400 9890 BOC 100 kW / 305 deg to CeAs Chinese-Yunnan 1400-1430 11750 BOC 100 kW / 305 deg to SEAs Lahu 1400-1430 15620 BOC 100 kW / 200 deg to SEAs Javanese 1400-1600 9345 IBA 100 kW / 330 deg to EaAs Chinese 1430-1500 12085 BOC 100 kW / 323 deg to CeAs Uyghur 1500-1600 11650 BOC 100 kW / 323 deg to CeAs Russian 2230-2400 9405 BOC 100 kW / 345 deg to EaAs Chinese 2300-2330 9365 BOC 100 kW / 280 deg to SEAs Iu Mien 2300-2330 9795 BOC 100 kW / 275 deg to SEAs M 2300-2330 12095 BOC 100 kW / 293 deg to SEAs Hmg 2300-2400 12070 IBA 100 kW / 330 deg to EaAs Chinese 2330-2400 9795 BOC 100 kW / 280 deg to SEAs Lao 2330-2400 12055 BOC 100 kW / 305 deg to SEAs Palaung/Pale/Tai-Lu 2330-2400 15600 BOC 100 kW / 293 deg to SEAs Burmese (Balkan DX/29 Apr 2013)

TAIWAN/SARAWAK

Frequency change of Radio Free Sarawak from April 7: 1100-1300 NF 15420 TAI 100 kW / 200 deg to SEAs Iban, ex 15430, re-ex 11600

NEW ZEALAND

Frequency changes of Radio New Zealand International in English 1551-1650 NF 9700 RAN 100 kW / 035 deg AM Cook Isl, Samoa, ex 6170 1551-1650 NF 6135 RAN 035 kW / 035 deg DRM Cook Isl, Samoa, ex 7440

1651-1750 on 9700 RAN 100 kW / 035 deg AM Cook Isl, Samoa, Tonga 1651-1750 NF 6135 RAN 035 kW / 035 deg DRM Cook Isl, Samoa, Tonga, ex 7285 1751-1850 on 9700 RAN 100 kW / 035 deg AM Cook Isl, Samoa, Tonga 1751-1850 NF 6135 RAN 035 kW / 035 deg DRM Cook Isl, Samoa, Tonga, ex 9440

GUAM DRM TEST 24th/25th May

KTWR is planning a DRM test to Japan for May 24th and 25th. It will be on 15570KHz at 1230-1300UTC. The language will be Japanese. While we are really hoping that Japanese SWLs and radio clubs get involved in this test, reports on the side and back lobes would also be appreciated. We will be beaming at a heading of 335 degrees. We will be running 75KW, so that Japanese listeners in Russia and the EU can tune in as well. We should have good side lobes into Southeast Asia and possibly India. The main beam should be quite strong in Europe. **The main back lobe will be toward NZ.** . via Mike sabin KTWR

(Out of interest, How many members have a DRM capable receiver - please let me know Mark Nicholls - Chief Editor editor@radiodx.com, also if you do hear the test broadcast, you can email me and I can give you Mike's email address to send a report) to.)

Digital Data transmitted over normal "commercial" voice shortwave transmitters.

VOA Radiogram is a Voice of America program experimenting with digital text and images via shortwave broadcasting.

A number of tests have been conducted during the past month using VOA, "The Mighty KBC" and WRMI transmitters .

I was told of the experiments and initially monitored the VOA frequencies without success because of the time of day. Then I learnt that WRMI was also involved. It operates on 9955 KHz and was transmitting at a time when there was some chance of receiving the signal here in Melbourne. Data was heard just before the 07.00UTC station identification time and information was decoded using Fldigi at the 08.00 UTC transmission. The modes used at that time were PSK125R and PSK250R, both of which were decoded with some difficulty due to low signal level and QRN. In fact, the signal was so weak that at times, the voice modulation was unreadable!

Another test conducted, but not audible here, involved sending Olivia data under a vocal recording. This was directed to the USA from Europe and was considered a

success. The promotion for the test read read: "Olivia is a robust digital text mode. It can overcome all types of noise. But can Olivia 8-1000, reduced by 24 dB, be decoded under the amazing voice of country singer Suzy Bogus? We will find out 24 March 2013 at about 0130 UTC, with the mode cantered on 2500 Hz. This will be during The Mighty KBC broadcast to

North America, 0000-0200 UTC on 7375 kHz. And at just before 0200 UTC, MT63-1000 (long interleave) in Flmsg format will be cantered on 1500 Hz, and an MFSK32 image cantered on 2500 Hz." - a pity "The Mighty KBC" is not audible here!

These tests commenced after jamming by China of BBC, VOA and Radio Australia's English language broadcasts as reported on WIA News a few weeks ago. This maybe purely coincidental, but it is interesting times at present

with the restriction of internet communications in some countries, the closure of so many international broadcaster and jamming of others. So, are we about to see another mode of direct international broadcasting on the short-wave bands in an attempt to get information into some countries?

For further information, use your search engine to find "VOA Radiogram". (via WIA Bulletin)

AM Radio on the way out in the UK

UK Government reports indicate an intention to abandon AM broadcast radio for emergency communications and to phase-out AM broadcasting from 2016.

The report Impact of a Radio Switchover on the Government's Emergency Communications Policy says:

The coverage of AM services are near universal across the UK, delivered by a small number of transmitters which could more easily be restored in the event of a national disaster.

However, while AM services are universally available, the number of households which both have access to and choose to access such services is on the decline.

The declining value of the AM platform is best displayed in the case of the National Attack Warning System (NAWS).

The use of the BBC Radio4 LW frequency to broadcast emergency information nationally in the case of a nuclear attack or similar disaster was formalised through the NAWS arrangements between the BBC and the Cabinet Office. However, as a result of the limitations of this system in the present day, from the falling numbers of LW receivers in homes, to the delay incurred from having to restore transmitters following an attack, the Cabinet Office has since cancelled their NAWS arrangements with the BBC.

https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/136351/ Emergency_Communications_1_.pdf(via Ray Crawford

DXISSIMO

Editor John Durham Tauranga email dxissimo@radiodx.com



CHINA

Email I received from Voice of Pujiang. Its now or never if you would to QSL this broadcaster.

Dear radio friends of Voice of Pujiang,

As early as last year, the director of China Business News Radio, of which Voice of Pujiang is a part, was considering terminate all the shortwave service to save money and put more fund to develop new media, especially social media. This year we also see that we have developed smartphone application for both android and iphone.

Now, I am authorized to announce that Voice of Pujiang will terminate all the shortwave service this year. This decision was promoting by our director and approved by Shanghai Media Group and several upper authorities. For the exact date, we don't even know, because it needs a complicated bureaucratic procedure to have the decision to reach into the telecom company's hand and implement by the transmitting site. The Zhenru transmitting site is a very historic one, built in the year of 1930, while the three transmitters were relocated and reorganized here in 1980s. In my opinion, it will end as early as in this May and as late as before the beginning of B13 time.

As a DXer myself, actually, I very much favor with this decision. I deeply know that there is a much shrinking and very limited audience on the shortwave. But I am still very much sad to see Voice of Pujiang joining with other stations to say goodbye to shortwave. This is the tide of our era, we can not resist it.



Still, I am very much pleased to verify reception reports before the closure of shortwave service, issuing QSL letters both regular and electronic. The schedule is:11.30 - 16.00 UTC on 3.280 kHz, 4.950 kHz and 5.075 kHz. Some monitors say the 5.075 will change to 9.705 in early May. Again, I don't even know because we have no contact with transmitting site. It is totally their decision to change or not.For regular reception reports, an IRC is needed to cover the international postage and the address is as follow:

Mr. Qian Xiaoyan

Voice of Pujiang Floor 11,Radio Building No.1376 Hongqiao Road Changning District SHANGHAI 200051 P.R. CHINA.

BRAZIL

Radio Relogio (Brazil) is really active again on 4905kHz. Heard this morning (Apr14, 0620 UTC) via SDR in Iceland. The station plays mostly Brazilian pop with some talk incl. IDs. On every full minute there is a time announcement by a woman (different of what we can hear on 10MHz) with 3 dots. But this time annoucement was 17secs too late this morning!

(via Karel Honzik. Czech Rep. 15/04/13 via HCDX)

RUSSIA

The student radio station of Moscow Technical University of Communications and Informatics (MTUCI) will from now on conduct weekly AM broadcasts on Fridays at 1200-1500 UTC on 25900 kHz.

Sergey Komarov, the responsible person for the broadcast, posted a message in the Russian forum

http://tubes.radiostation.ru/arb/index.php?cur=15&fm=35&act=msg&topic=7669#

Here is a translation:

"Dear friends, thank you for your observations!

We still need to work on the transmitter. We had set it up within one day from existing parts, in kind of a hurry for the public information day. It had initially been set up for DRM broadcasts; AM was not anticipated and was hastily installed. Therefore, it is possible that it does not work entirely correctly. We keep working on it.

However, from this Friday on we will transmit a students' program, every Friday from 1600 to approx. 1900 Moscow time on 25900 kHz AM. If somebody would like to create their own radio program (it may be a recording) or wants to show up live on the air - you are welcome!"

Earlier in the forum you can find that last year the station started to transmit weekly programs on the local AM station on 1584 kHz. According to the title of the forum,

the name of the station is "Radiostation MTUCI" (Радиостанция МТУСИ). (via Eike Bierwirth. 02/04/13 via HCDX

SOMALIA (Puntland)

Puntland region President Abdirahman Mohamed Farole has officially launched Radio Puntland, which will broadcast from Garowe, Somalia's RBC Radio reported Thursday (April 11th).

Radio Puntland, which is intended to advance the administration's interests, is funded by the Italian government and has been in development for two years. The station is on air for testing while staff is being hired.

Has been reported testing on low power on 13800kHz around 1425 hrs. Also may use 6140kHz 1500-1800: Planning to increase power to 20-25kw in late May/June. Editor







Photos via Shacabka Media.

UTILITIES

Editor Arthur De Maine

utilities@radiodx.com



A little light on contributions this month so just as well I did some Utility DXing during the week at Okains Bay. Would like to see some new contributors so even if log one of two Utilities please contribute to this section. We would like to hear from members around New Zealand. You just need to report the frequency, time (UTC) some details of transmission, date heard.

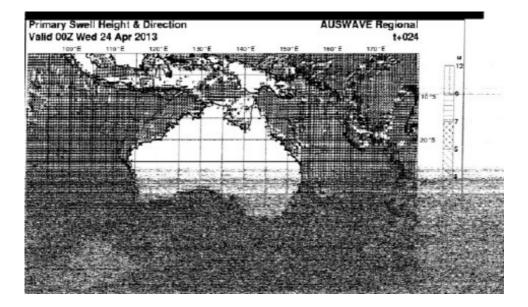
FREQ UTC DETAILS OF TRANSMISSION	
2500 0829 WWV Hawaii Time Station fair	14/4 ADO
5805.1 0410 ZKLF New Zealand weather fax Good	d 16/4 ADO
6310 0731 Japanese fishermen USB good	14/4 ADO
6413 0728 Japanese fishermen USB good	14/4 ADO
6507 1944 Marine weather Fair noisy	16/4 ADO
6604 0732 New York Radio Aviation weather for US a	irports 0733 weather for
Boston, 0735 ID "This is New York Radio	o" good 14/4 ADO
6622 0722 Gander Radio contact with Aeroflot 151.07	723 Operator calling that
there was an open mike. Fo	air to Good 17/4 ADO
6676 0730 Australian Volmet Sydney Marine weathe	er 0734 ID "Australian
Volmet out" Fair to Good	17/4 ADO
6679 0925 Honolulu Radio weather for Vancouver Bri	itish Col, 0930 ID "This is
Honolulu Radio" Good 14/4	ADO
6754 0740 Weather for Halifax, Aviation weather for G	Ottawa good 14/4 ADO
6754 0749 Trenton USA – ID "This is Trenton Military"	Winnipeg wind 40,
Edmonton weather and then went to avia	tion weather 0755 ID "This is
Trenton Military" repeated Good	17/4 ADO
8502 0933 USCG Marine weather mention of New Er	ngland, seas two to five
feet, mention of Atlantic waters at 0938	good 14/4 ADO
8764 0938 Wave height Atlantic water 0940 wave he	eight Gulf of Mexico
Good 15/4 ADO	
10051 0928 Gander Radio weather for Edington from t	• • •
snow 0930 ID "This is Gander Radio out"	Good 15/4 ADO
11028.12 0800 VMC Charlieville weather fax with fade out p	
11253 0858 RAF Volmet England – woman with aviation	weather Poor noisy 18/4 ADO
13548.6 2130 ZKLF weather fax, very clear	5/5 ADK
13918.1 0531 VMC Australia Facsimile test transmission –	- clear print out 17/4 ADO

CONTRIBUTORS

- **ADO** Arthur De Maine, Okains Bay Icom R-70 antenna 400m long wire. Mac G4 iBook running software program CocaModem 2.0.
- **ADK** Arthur De Maine, Kakanui Drake R-8, 25m EWE.
- **GD** Graeme Dixon, Massey Auckland Icom R-75, Longwire antenna.

SOME ABBREVIATIONS

The following are some abbreviations that maybe used when reporting to this section. **c/s** = callsign, **dep** = departed, **enrt** = En route, **hrd** = heard, **nx** = News **OM** = Male operator, **posn** = Position, **PP** = Phone Patch, **R/T** = Radiotelephone, **req** = Request, **rpt** = Report, **SAR** = Search and Rescue, **sc** = SELCAL, **tfc** = Traffic, **unid** = Unidentified, **wkg** = Working.



This is the weather fax recorded by Graeme Dixon on 11028.12 KHz between 0800 and 0811 hrs UTC on the 23 April. Graeme was using an Icom R-75 and CocoaModem 2.0 software. This recording shows the fade out that started to occur part way through the transmission.



It's time again to open up the electronic mailbag, to see who's sharing their successes (or maybe disappointments).

Stu Forsyth in Putrajaya, Malaysia admitted on Yahoo!'s <dxdialog> group that he has been up in Penang. "Veries in from R. Australia 15240; Voice of Russia 21820, 21840, & 15670 via Novosibirsk, 21800 via Irkutsk, and 12030 via Vladivostok. Reports out to AIR Port Blair on 684, 4760, and 7360." (*Yes, sorry, your notes arrived too late for April's column. I hope the local email address for AIR works out.*)

Ian Cattermole, Blenheim is our numbers' man again. "Hi Theo. Here my SW veries received during April: FEBC 9465 & 11750; Radio Marti 13820; Radio Thailand 11870 & 5875; RFA Tinian 21610 & 7495; RFA Taiwan 7355; RFA Kuwait 17695; Voice of Pujiang 5075 & 4950; Voice of Martyrs 7515; Radio Miraya FM 11560; VoR 21840 & 5885; Eternal Good News 9930; KTWR 9940 & 15190; TWR India 15755; and KSDA 17520 & 15435 kHz." (You had me wondering about TWR India, till I realised that would be from Uzbekistan.)

John Durham, Tauranga brings us up to date. "Hi Theo, not much to report lately, guess I have been a bit slack DX wise. Veries to hand over the last 8 weeks: Chile CVC 17680; Finland.. Spaceshuttle and Hot Radio 15880; China.. V of Pujiang.5075 & Huayi BC Company 6185; and Malaysia.. Wai FM 11665 & Trax FM 7295 kHz. Seems everybody had a good time up at Mangawhai... now for 2018 and the 70th anniversary get together." (*Ah, sigh. Five years to save! I see you and Ian are making sure to bag the Voice of Pujiang; I think I saw that they're about to leave shortwave.*)

<u>Günter Jacob in Passau, Germany</u> is the disappointed one. "I am not too happy to report that I have a record of 2 (two) QSL cards that arrived during April: From A.J. Janitschek I received 'The Year of the Snake' QSL for RFA Tinian on 11585, and Radio Romania's Italian Service verified - within three weeks - their lowest 49-meter-band frequency ever, 5910 kHz. Who knows: I might be lucky with more QSLs in May." (I notice 5910 has other activity too: R. Japan from Issoudun in our mid-evening PDT which ruins any sign of Alcaravan from Colombia.)

Des Davey, Te Kuiti records just one lonely QSL but otherwise is pretty chipper. "Hi there, Theo. Well, I am still walking and talking. I have a new W.O.F. for another three to six months and guess I'm OK. I have one QSL back – RNE Spain 9665 kHz – but no reports out as I've been away from home a lot over the past month and enjoying life, eh? I'm going back to Waikato Hospital for a checkup on my pacemaker. I had a couple of ales at the RSA club (the other night) – that did me well too. Kia ora." (Warrant of fitness, and a beer "oil change"? I'll go along with that.)

Bryan Clark in Mangawhai, Northland closes out this edition. "It was very interesting this month to do some MW DX in parallel to Steven Greenyer listening from Banks Peninsula. While similar geographic areas were heard, each of us had different highlights, partly reflecting the relative levels of adjacent channel QRM from Kiwi stations. While I was able to hear 3 Brazilians at the same time as Steven, he was hearing others that I couldn't hear. I think the extra signal gain from his 200 metre Beverage over my little EWEs may be a factor too. Report out to WFFG 1300." (What would the distance be: ~800km as the crow would fly if Godzone had any? That's a fair difference in latitude, and Okains Bay's sunset skip profile too. Thanks for uploading a selection of your photos of the 65th to <dxdialog>.)

And speaking of photos: I see last month that the Chief Ed sneakily added a Double Diesel shot from the Silver Stream Railway in Silverstream. Only one of the "De's" was working the afternoon we visited in March. Thanks, Mark.

(Yes it was a pity some of the Steam Engines weren't able to operate due to an unusually dry period for the Wellington Region-Ed)

73, Theo



BROADCAST NEWS

Editor Bryan Clark Mangawhai

email broadcast.news@radiodx.com

AMERICAN VIRGIN ISLANDS WIGT Charlotte Amalie has applied for license to cover and program test authority for this new station CP, U1 920 watts day & night on 1690 - should be on the air soon. (via NRC)

BRITISH VIRGIN ISLAND: In the early morning hours of March 9 in Road Town, Tortola, the 300 ft tall, 50 year old tower of ZBVI 780 that had stood up against several hurricanes and other storms came down after a drunk driver crashed, catching a guy wire and toppling the tower. ZBVI is temporarily operating with 1000 watts into a long wire using a transmitter the Department of Disaster Management keeps as a backup. (Paul Walker via Facebook via NRC)

CANADA

- 1050 CKSB Winnipeg MB has been granted move to 88.1 FM. (IRCA & NRC)
- 1410 CJWI Montreal QC has moved here from 1610 and increased power from 1kw to 10kw day & night. (IRCA & NRC)

HAWAII KHKA Honolulu on 1500 is now "NBC Sports1500" instead of ESPN. (NRC)

INDIA AIR's new Thomson Megawatt transmitter at Mogra near Kolkata testing on 594. DRM simulcast on 604. Heard with FM Gold feed at 0500 UTC. (Sudipta Ghose via WRTH Facebook group via Glenn Hauser's DXLD Yahoo Group)

NORTHERN MARIANNA ISLANDS Presumed KCNM from Saipan heard on 21 April on 1079.91. (Hiroyuki Okamura, Japan via MW OZ Yahoo Group)

PERU Radio Moderna, Cajamarca heard on 1280.17 on 8 April till signing off at 0300 UTC. Identifications heard for "A Toda hora Radio Moderna" and "Radio Moderna a toda a en todo lugar, mejor compañía auspiciado por la india Casandra" (Chasqui DX with thanks to Henrik Klemetz via Glenn Hausers DXLD Yahoo Group) This morning (30 April) I heard an UNID weak station on 1570 kHz under Radio Bethel, Peru, which was very good. The programming in the background was sounding like A Voz da Libertacao (IPDA). Best reception of this background signal was between 0340-0400 UTC here in the middle of Europe. (Karel Honzík, Czech Republic) This is probably Radio Carráviz, Juliaca, Peru. This station is incorrectly listed as on 1560 in WRTH 2013. (Henrik Klemetz & Mauno Ritola via Real DX Yahoo Group)

PHILIPPINES The U.S. Broadcasting Board of Governors decided to close down the 1170 VOA relay station in Poro Point, broadcasting with reduced schedule until closure. (Kai Ludwig, DXing the Finnish Way) VOA Poro 1170 kHz seems to be off air forever? Beast of the '50s now soon object of scrapping? The transmission reductions allow VOA to comply with budget cuts required by sequestration and to avoid furloughs of staff members. (Wolfgang Bueschel, mwdx via NRC)

USA (Updates from National Radio Club's DX News, April 2013)

- 570 KVI Seattle WA slogan is now "Talk Radio 570."
- 740 KBRT Costa Mesa CA CP for U4 50kw days, 190 watts nights, moving here from Avalon CA, is on the air.
- 750 KAMA El Paso TX granted STA for U3 10kw day, 500 watts nights, using "day" pattern 24 hours.
- 950 KPRC Houston TX new slogan "Houston's More Stimulating Talk Radio";
- 950 KSEW Seward AK applies for STA for U1 200 watts day & night from temporary antenna; needs to build new transmitter site but has been having trouble getting it finished.
- 980 KFWB Los Angeles CA has added CBS Sports to its News/Talk format.
- 1020 KCKN Roswell NM granted STA for U1 10kw day & night with auxiliary transmitter after main transmitter failed.
- 1250 KZDC San Antonio TX CP for U4 25000/920 is on the air.
- 1280 KPTQ WA Spokane has change of callsign to KZFS.
- 1360 WMOB Mobile MS verified by full data prepared card signed by Theodore D Tucker. Received in 27 days, mint stamps sent. (David Jones TN)
- 1360 New Station at Santa Maria CA with CP for U4 2kw day & night applies to move to 1380 kHz with U2 650/500 from KTAP 1600 towers.
- 1410 WMYR Fort Myers FL format now C&W ex Adult Contemporary, with slogan "Original Classic Country".
- 1420 WHK Cleveland OH slogan is "The Answer."
- 1440 KVON Napa CA uses the slogan "Wine Country NewsTalk 1440."
- 1480 KBXD Dallas TX has applied for license for CP for U4 50kw day, 1.9kw nights.
- 1480 WVOI Marco Island FL format now C&W replacing Oldies, with slogan "Original Classic Country.
- 1520 KKXA Snohomish WA granted test authority for U6 50kw day & night.
- 1630 KKGM Fort Worth TX format now Gospel "Your Radio Station for Hope" ex Religious Talk "Better Life Radio".
- 1660 WCNZ Marco Island FL drops Adult Contemporary format, now C&W "Original Classic Country".
- 1680 KGED Fresno CA replaces Religious Talk format now Talk with slogan "Conservative Talk Radio 1680".

<u>USA</u> Updates from IRCA's "DX Monitor" magazine – April 2013.

960 KOVO Provo UT has dropped Fox Sports Radio, now Dial Global NBC Sports.

- 1280 KPTQ Spokane, WA now "1280 Fox Sports Spokane", drops Classic Country.
- 1280 KZNS Salt Lake City, UT replaces Fox Sports Radio with NBC Sports.
- 1550 WAMA Tampa FL was Spanish sports, now regional Mexican "La Ley 1550".
- 1600 KIVA Albuquerque NM new slogan "The Rock of Talk 1600" ex "The Truth 1600"

WPLA Dry Branch GA, 1670 1kW, frequency only email QSL in 138 days for English report via first-class mail with audio CD and US \$1 return postage + follow-up via email. eQSL came 15 days after follow-up. V/s James Gay, Director of Engineering. JamesGay@Clearchannel.com. Mr. Gay stated: "Please accept my apologies for the tardiness of this confirmation. We get lots of these and the stack has been growing for quite a while with no one to mind it." eQSL has a form part written by Richard W. Hamilton, Transmitter Engineer, listing all particulars of station, but gives programming as "Regional Mexican Music." I think this is a little outdated as WPLA is a Fox Sports Station! (Ed Muick via Glenn Hauser's DXLD Yahoo Group)

DXING AT OKAINS BAY 13-20 APRIL 2013

Steven Greenyer, Timaru DXing at Okains Bay, Banks Peninsula.

Saturday 13th, after setting up the EWE to NA, 200m wire to SA and the whip, an assorted mix of South Americans started coming in around 0500 none overly strong with the Peruvians on 1470 and 1570 the most dominant. X band was pretty dead with 1620 WDHP the best.

Sunday: South Americans came in around 0400 but signals were not very strong and nothing of note was heard.

Monday: Things picked up and just after 0400 many South Americans including Brazil and Argentina made appearances until around 0700 when a few weak K calls popped up.

Tuesday was an unusual day with South Americans on most frequencies but signals dropped in and out very quickly, later on in the evening X Band to California opened at good levels; unlike previous years Mexicans were noticeable by their absence. The predicted solar disturbance may have been one of the reasons for this day behaving as it did.

Wednesday was a wet day and noise levels were up in the late afternoon, however after 0500 signals picked up and Peruvians dominated, with some frequencies being well up while others had almost nothing on them. While some Latin signals stayed in, USA mainland and Hawaii dominated later in the evening although nothing out of the ordinary was heard.

Thursday was characterised by high levels of splash from NZ and a general absence of South American signals. What did occur was that individual stations would come up at a reasonable level while nothing could be heard at all on adjacent frequencies, what did appear was also quite diverse, ranging from one Oregon station to a Brazilian.

Friday was the opposite of Thursday with South American signals in at 0330,

predominantly Peru with Brazil 940 being particularly strong and lasting for almost two hours, enough time to jump on the website and send an email. Unfortunately the early evening was almost dead.

Compared to last year, when Paul Aronsen, Arthur de Maine and I were DXing a fortnight earlier, South American MW signals were much better and fewer Yanks heard. Conditions were very changeable, apart from Peru; stations in widely varied locations would come up but without any consistency, such as hearing Brazil but little or no signals from Argentina while the only USA station audible at the time was from Oregon. Interesting is the domination of Peruvian signals - a number of years ago the band would be full of Colombians, at this time they were a rarity. I guess that is what makes MW such an interesting band to DX. Finally while we had limited cell and internet coverage the ability to go on line and compare notes and look up data on stations is a positive addition.

Bryan comments: It was interesting to compare MW conditions here in the north with what Steven was hearing at the same time. As he noted, reception was widespread – I would not normally expect to hear Toronto at this time of year, and certainly not on the same night as Brazil is coming in.

OKAINS BAY MW TRAIL 13 - 20 APRIL

Steven Greenyer with Palstar R30A , EWE to North America, 200m longwire to South America, and 9 metre vertical squid pole.

- 580 USA KMJ Fresno CA advert 0920 for Fresno gun store wanting to buy.
- 580 PERU Radio Maria good 0912 fm/ann ID "Escuchar Radio Maria".
- 700 UNID LATIN good signal SS announcing "Super Radio" 0647, Choirs Relig?
- 820 BRASIL? Brief good appearance of PP 0757, presumed Radio Jornal 50kw.
- 860 MEXICO La Poderosa fair vocals 0947.
- 940 BRAZIL "Super" Rio de Janeiro 0513, sounded religious at times full id at 9 past the hour, strong signal S9 at times, heard most days.
- 1040 HAWAII KLHT Honolulu weak 0847, religious format.
- 1060 MEXICO Radio Educacion ID w/AM and SW frequencies 0702.
- 1110 MEXICO Radio Red fm/ann 0906 with ident then into vocals good sig
- 1120 USA KPNW Eugene OR ID "News Radio 1120 KPNW Eugene" 0529 good.
- 1130 PERU "Cadena Radial Internacional Bacan" 0757, nx 0805 then announced multi freqs and locations.
- 1150 UNID LATIN at 0554 with mentions of Peru.
- 1180 USA Radio Marti at 0507, consistently strong signal every night
- 1190 COLOMBIA Todelar Network IDs at 0757.
- 1200 USA WOAI San Antonio TX id "News Radio 1200 WOAI" at 0907.
- 1220 ARGENTINA? Radio Dos presumed the one mixing with Brasil 0530.
- 1220 BRAZIL Radio Globo fair mixed with Argentina 0526.
- 1280 BRAZIL Radio Tupi several nights good 0517 in PP spoken programme.

- 1290 PERU Unidentified with time check at 0533 and mentions of Peru.
- 1330 UNID LATIN at 0430 on 3 days with EE vocal, Elvis, Streisand. Mixed SS.
- 1340 PERU Radio Alegria w/Andean mx 0537 ID 'Radio Alegria mas compania".
- 1360 PERU "La Nueva Q " good signal with vocals 0507.
- 1400 BRAZIL Radio Rio de Janeiro presumed the one here with Portuguese 0506.
- 1400 PERU Radio Callao, ID "Super Radio Callao" 0500.
- 1420 HAWAII KKEA Honolulu ESPN sports 0915.
- 1460 HAWAII KHRA Honolulu EE talk 0718 about Korean Top 40, into KK 0730.
- 1470 PERU "Radio Capital Lima" ident 0520.
- 1520 USA KOKC Oklahoma at 0531, only yank present at this time talk on Boston bombing, ID "News talk 1520 KOKC" 0603 into Red Eye Radio program.
- 1570 PERU Radio La Nueva along w/1470 Peruvian, the dominant South Americans
- 1620 US VIRGIN ISLANDS WDHP w/BBC World Service, ID on the hour 0700.
- 1620 CUBA Radio Rebelde at 0420, sounded like political speech, What else?
- 1640 USA KDIA Vallejo CA with program about Albert Schweitzer & Christian perspective on Boston bombing 0845.
- 1650 USA KFOX Torrence CA talk in Korean 0900.
- 1670 USA KHPY Moreno Valley CA good SS religious 0708.
- 1680 USA KGED Fresno CA Advert 0647 for the most affordable underground survival shelter, was this a coincidence or opportunist on day of bombing.
- 1690 USA? very strong SS 0940 w/mentions of San Francisco & Puerto Rico. (Almost certainly KFSG. BC)

MANGAWHAI BROADCAST TRAIL

Bryan Clark with AOR7030+ and EWE antennas to North, Central & South America.

- 560 CUBA Radio Rebelde fair in SS w/Latin mx, all alone 0743 in SS 15/4 // 570 mixed, 590 poor under Hawaii, 670 good, 710 fair, 770 weak, 1140 mixed, 1180 vgd (Marti off), 1550 mixed, 1620 good and SW 5025 very good!
- 720 USA w/country music format over National Radio Invercargill 0649 8/4.
- 790 CUBA Radio Reloj w/time pips, animated SS talk, 0751 11/4. Gives "RR" CW ident every minute.
- 830 HAWAII KHVH Honolulu w/ident 0630 10/4 then brief Fox News bulletin, good.
- USA UNID w/religious message 0907 28/4 but usually dominant KRVN w/"8-80 AM" ident back on top again 0909. Most likely Californian KKMC.
- 890 CUBA Radio Progreso fair w/SS pops, parallel 640 under KFI 0613 17/4.
- 910 USA UNID religious format 0728 18/4 over Mexican format. Likely Family Radio Network's KECR in El Cajon CA which I've hrd before. No sign KNEW.
- 1100 USA WTAM Cleveland OH up w/"Newsradio" ident 0804 22/4 before usually dominant KFAX fades back up. Back later with promo for "Coast to Coast AM on Newsradio 11 Hundred".
- 1100 UNID LATIN with "Voz da Libertação" format 0709 15/4, maybe Rádio Ondas de Paz in Chiclayo, Peru.

- 1120 USA KPNW Eugene OR w/"Newsradio 11-20 KPNW" ident 0830 18/4 followed by Fox News Radio 2 minute news bulletin, very good.
- 1150 USA UNID carrying CBS Sports Radio promos 0814 24/4. Only KZNE Texas listed at network website.
- 1190 COLOMBIA HJCV Radio Cordillera, Bogota w/"Todelar Radio" network ident 0530 15/4, all alone.
- 1220 BRAZIL Radio Globo w/"Bom Dia" greetings in PP 0706 16/4, over or mixed usually dominant XEB. Also hrd at this time on 12/4.
- 1250 USA WHNZ Tampa FL with Fox Sports Radio 0652 18/4, ident on the hour as "WHZ-Zee, Tampa Bay",
- 1290 USA KKDD San Bernardino with non-stop 'inspirational' orchestrals, just one annct in 35 mins "This is 12-90 KKDD" at 0842 25/4.
- 1300 USA WFFG Marathon FL 18/4 up w/weather forecast 0650 then ident: "WFFG, 13 Hundred AM, your news, talk & sports station for the Florida Keys".
- 1330 USA KLBS Los Banos CA surely the PP talk format at good level 0626 29/4.
- 1350 17/4
- 1430 BRAZIL Radio Clube 2, Curitiba hrd several days during April eg 18/4 at 0603 relaying Radio Aparecida (sked till 0800 per website), PP religious talk, hymns. Also hrd with Radio Clube ident 0700 11/4.
- 1450 COLOMBIA HJNL La Carinosa, Manizales w/SS pops, ident 0613 15/4.
- 1470 PERU Radio Capital, Lima w/political talk 0728 10/4, solid all evening. Advts & ident 0900. Regular during April. New name for CPN Radio.
- 1470 UNID LATIN with reference to "Radio Maria" 0722 8/4 but Mexico's Radio Formula soon dominant. Only a low powered Panamanian would fit.
- 1500 MEXICO XEDF Mexico DF with Latin vocals 0722 18/4, SS ident with callsign and website for Radio Formula given.
- 1540.5 PERU Turbomix, Cajamarca regular on good Peruvian nights putting big het on 1540. Good at 0548 10/4.
- 1550 CUBA Radio Rebelde on top 0534 10/4, with parallel 1620.
- 1566 AUSTRALIA 3NE Wangaratta w/sports talk 0809 17/4 over music format. Ids as "15 double 6, 3NE", also carried 3AW Traffic Report. I was looking for VL2NI.
- 1570 UNID LATIN with David Miranda preaching 0721 8/4 not Bethel. (See subsequent Peru item in Broadcast News for likely identity. BC)
- 1570 PERU Bethel AM, Lima w/contemporary Christian vocals in SS, time check 0450 13/4. Peruvians on 1499.83 and 1540.5 also in.
- 1610 CANADA CHHA Toronto ON amazed to still be hearing this in late April all alone in SS 0738 22/4, jingle and EE ident at 0747.
- 1650 USA KBJD Denver CO with "Radio Luz" SS ident 0633 25/4 in fadeout of KFOX Korean format.
- 1660 USA WCNZ Marco Island FL w/new country music format 0440 22/4, was strongest X-bander at the time. Followed till 0535 when ident mentioning FM and sister station WMYR hrd.
- 1670 USA KHPY Moreno CA good w/jingle ident 0700 5/4, SS Catholic format.

ADCOM NEWS

Editor Bryan Clark Mangawhai

email adcom.news@radiodx.com



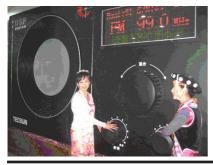
As noted in the Convention report in last month's magazine, the Administration Committee (Adcom) will be considering the outcome of the discussion at Mangawhai and future options for the DX League and will make proposals to the membership for decision at this year's AGM. Thanks to the 3 members who subsequently sent in their own views. The Mangawhai group did consider the suggestion of an orderly closedown in 2018 or 2023 (our 75th anniversary) but as stated in last month's report, the consensus was that the club and NZ DX Times continue as long as possible.

League Treasurer **Phil van de Paverd** has estimated that the paper subscription rate would need to rise to about NZ\$50 (from the current subsidised rate of \$2.50 per magazine to about \$4 per issue) for a break-even operation. Adcom will be meeting later this month to consider the options before presenting them to the membership.

China's largest radio displayed in Yunnan

By Li Yingqing and Zhu Jia (China Daily Yunnan Bureau) Updated: 2009-12-10 20:12 http://www.chinadaily.com.cn/regional/2009-12/10/content_9158482.htm

The largest radio in China measuring 4.3 meters long, 2.48 meters high and 1.04 meters thick went on display in the broadcasting museum in Yunnan December 9. Standing in the lobby of the Central People's Broadcasting Station, the giant radio sculpture, model CR1100, is black, with a simple design and atmospheric. Designed and manufactured by Guangdong De Sheng Electric Manufacturing Co along with the Yunnan People's Broadcasting Station, the radio is able to listen to Yunnan news broadcasts (FM105.8), Traffic Sound (FM91.8), Music Radio (FM97), Children's



Two young ladies tune the giant radio measuring 4.3 meters long, 2.48 meters high and 1.04 meters thick displayed in the lobby of Yunnan Central People's Broadcasting Station December 10, 2009. [Hu Hongjiang]

BRANCH NEWS

Chief Editor Mark Nicholls Upper Hutt

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WELLINGTON AREA GROUP

Details for your diary, the next beach babbles will be:

May 29 June 26 July 31

If you're coming in from out of Wellington, you'll be very welcome to share your babble with the rabble, 12.45pm on the Wednesdays mentioned.

Location is the Beach Babylon cafe, Oriental Bay, Wellington, with free 2 hour parking outside, a 10 minute stroll along the waterfront from the Courtenay Place bus terminus [which connects directly to the Wellington Railway Station for services from Wairarapa, Hutt Valley, Porirua, Kapiti Coast and Palmerston North] and 10 minutes by cab from Wellington International Airport for those coming in by private jet or cattle class from exotic locales Email Dave at radioheritage@gmail.com to go on local mailing list.

DUNEDIN GROUP

Next meeting to be advised

Contacts : David Miller 476 3224 or Roger 473 7805





From NZRDXL member Jerry Berg, 38 Eastern Avenue, Lexington, MA 02421, USA NEW HISTORY MATERIAL AT http://www.ontheshortwaves.com

March 31, 2013 -- Shortwave station lists, together with loggings and feature articles in club bulletins and radio magazines, have long been prime sources of DX information. Some of these lists were commercial, while others were produced by clubs. Posted under "DX History/Lists, Logs, Guides & Columns" is one of the most comprehensive lists, one prepared by the Universal Radio DX Club in 1946, the year before the World Radio Handbook started publication. Those bands looked mighty busy.

April 7, 2013 -- Following up on the 1946 Universal Radio DX Club shortwave station list that we posted last time, we have posted another URDXC list, this one from 1953. It is under "DX History/Lists, Logs, Guides & Columns." -- And under "Specialized Resources," "Wavescan," another entry from Dr. Adrian M. Peterson: "BBC East Mediterranean Relay Station Cyprus, Pt. 2" (March 31, 2013).

April 14, 2013 -- It has been a long time since United Nations Radio has had a regular presence on shortwave. However, it still produces programs, which it posts on line and which are rebroadcast by various stations around the world. On World Radio Day, February 13, 2013, the U.N. issued a series of six postage stamps commemorating U.N. Radio, and under "DX History/Philately" we have posted a file showing the first day covers, together with information about the stamps from the U.N. philatelic bulletin. U.N. stamps denominated in U.S., Swiss and Euro funds are valid postage for mailings from the U.N. facilities in New York, Geneva and Vienna respectively. -- And we have posted another "Wavescan" episode under "Specialized Resources," "Wavescan": "Elephant Radio in India: 75th Anniversary of Radio in Lucknow" (April 7, 2013).

April 21, 2013 -- It was the 1970s when clandestine stations became prime targets for DX listening. Over the years within the DX community there had been some material published on clandestine stations, usually about particular stations or about clandestine broadcasting generally during World War II and after. Comprehensive and timely information on which to base DXing was still scarce, however, until 1971, when two valuable items were published. One was "Clandestines--The Political Voice of Radio," an article by Bill Matthews which appeared in the 1971 issue of the WRTH annual, How to Listen to the World. It presented a survey of clandestine broadcasting activities past and present. The other was Larry Magne's "Broadcasting Stations of Exile, Intelligence, Liberation and Revolutionary Organizations," which presented information on all the then-current clandestines in a WRTH-style format. We have posted both of these items under "DX History/Lists, Logs, Guides & Columns." Thanks to Bill Matthews, Larry Magne and WRTH for permission to share this material via ontheshortwaves.com. -- Also this time, under "Specialized Resources," "Wavescan": "Australian States on Shortwave-7: Tasmania" (April 14, 2014), and "100 Years of Wireless and Radio in Bulgaria-5: The Russian Era" (April 21, 2013).

April 28, 2013 -- In several articles which are posted under "Specialized Resources," "Wavescan" (Nov 20, 2011; Nov 4, 2012; Nov 18, 2012), Adrian Peterson details the several "Radio Free Asia" stations that have existed over the years. The "second" RFA, actually called Radio of Free Asia, is covered in the November 4, 2012 ed. of "Wavescan." ROFA was a project of the Korean Cultural and Freedom Foundation, and was active from 1966 to 1978 over various Far East transmitters. Under "DX History/Stations," we have posted an ROFA newsletter that appears to date from early 1973. (Note the references to the apparently still-imprisoned John McCain.) On the "DX History" page, under "Philately," you can find an image of an ROFA "cinderella" stamp; and under "QSLs and Other Station Memorabilia" you can find an ROFA commemorative medal. -- And under "Specialized Resources," "Wavescan," another article from Adrian Peterson, "Radio Broadcasting in the Land of the Mountain Lion-3: The Shortwave Station in Sierra Leone Meets its Waterloo" (April 28, 2013).

