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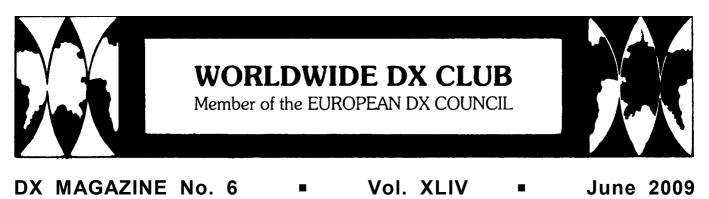
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DX MAGAZINE is the monthly publication of WORLDWIDE DX CLUB, Postfach 12 14, D-61282 Bad Homburg, Germany. Price for a single copy: € 1.30 or 2 International Reply Coupons (IRC's); annual subscription rate: € 15.60 or 16 IRC's. Other currencies and air mail rates on request. Cover: Peter Pohle + Jürgen Kauer (KAVOP)

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Hello again,

Welcome to another issue of our DX MAGAZINE. I have no news to report from inside the club this month - therefore let's just start with our usual news from outside the club - only one item this month:

The Danish Shortwave Club International (DSWCI) has issued the 11th Edition of its annual Domestic Broadcasting Survey in May 2009. This survey is divided into four parts: Part 1: The 37th edition of the Tropical Bands Survey covering all ACTIVE broadcasting stations on 2300 - 5700 kHz. Part 2: Domestic stations on international shortwave bands above 5700 kHz broadcasting to a domestic audience. Part 3: All ACTIVE Clandestine shortwave stations are listed with schedules and identifications. Part 4: Deleted frequencies between 2 and 30 MHz which have not been reported heard during the past five years, but may reappear.

This new Survey is based upon many official sources and DX-bulletins. A09 schedules are included when available. In order to make the DBS reliable, our own monitors around the world have checked throughout the period May 2008 - April 2009, if each of the 1000 station frequencies is on the air. ACTIVE stations are marked with an A ("Regular"), B ("Irregular") or C ("Sporadic") in the list. D means "Likely inactive".

A unique feature is the right column called "Last log". It shows the last month and year before DBS deadline on April 27, 2009 when the particular station was reported logged by a DX-er somewhere in the world. This is another way of indicating the current audibility of the station. To make this DBS up-to-date and user-friendly, most frequencies which have not been heard during the past year have been deleted and moved to Part 4. Other useful features for easy identification (ID) are the parallel frequencies and reference to Station ID sentenses.

All buyers of DBS-11 will get a username and password to the monthly updates on the tropical bands published as "Tropical Bands Monitor" on our website <a href="http://www.dswci.org">http://www.dswci.org</a>. The similar data from 2005, 2006, 2007 and 2008 are available at <a href="http://www.dswci.org/tbm">http://www.dswci.org</a>. The similar data from 2005, 2006, 2007 and 2008 are available at <a href="http://www.dswci.org/tbm">http://www.dswci.org</a>. The similar data from 2005, 2006, 2007 and 2008 are available at <a href="http://www.dswci.org/tbm">http://www.dswci.org</a>.

The 35 pages A-4 size DBS-11 is available by e-mail as pdf-format (about 452 kB). A limited number is also available printed on paper. It is sold by the treasurer: DSWCI, c/o Bent Nielsen, Egekrogen 14, DK-3500 Vaerloese, DENMARK. E-Mail edition: DKK 40,00 or USD 8.00 or EUR 5,00 or GBP 5,00 or SEK 60,00 or 5 IRCs. Printed edition: DKK 80,00 or USD 16.00 or EUR 10,00 or GBP 10,00 or SEK 120,00 or 9 IRCs. Payment by cash notes are accepted whereas checks and postal money orders are not accepted. DSWCI Bank is Danske Bank, 2-12 Holmens Kanal, DK-1092 Copenhagen K, Denmark. BIC/SWIFT: DABADKKK, IBAN: DK 44 3000 4001 528459. (Danish Shortwave Club International)

And with this best wishes and good DX until next month from

## NEWS ABOUT BROADCASTING (+other) STATIONS Walter Eibl · Postfach 15 45 · D-91005 Erlangen · GERMANY

**ANGOLA -** 4949.757, RN de Angola, 1945, Portuguese, strong carrier but very low audio. Still though, occasional talk by a man and local music could be heard. I also believe this signs-on around 1500 UT. This is based on a

massive het 'just appearing' against India on 4950 at 1500 today (6 June) and also the same time yesterday, June 5 (David Sharp, NSW, FT 950 and ICF-2001, dxldyg via DXLD)

#### ARMENIA / KAZAKHSTAN / MOLDOVA / RUSSIA / TAJIKISTAN / UZBEKISTAN -

Summer A-09 of WYFR Family Rad	dio via TRW:	
1400-1700 on 5845 DB 100	) kW / 137 deg to	SAs in Hindi
1200-1300 on 5970 K/A 250	) kW / 313 deg to	EAs in Korean
1400-1500 on 7215 IRK 250	) kW / 224 deg to	SAs in Nepali
1000-1100 on 7245 K/A 100	) kW / 178 deg to	EAs in Japanese
1800-1900 on 7320 ARM 300	) kW / 290 deg to	WEu in German
	) kW / 284 deg to	
2100-2200 on 7430 KCH 250	) kW / 309 deg to	WEu in English
1400-1500 on 9365 TAC 200	) kW / 131 deg to	SEAs in English
1400-1500 on 9405 ARM 300	) kW / 110 deg to	SAs in Punjabi
1800-1900 on 9405 ARM 250	) kW / 290 deg to	WEu in English from June 4
1000-1100 on 9450 IRK 250	) kW / 110 deg to	EAs in English
	) kW / 110 deg to	
1100-1200 on 9460 P.K 250	) kw / 247 deg to	EAs in Cantonese
1200-1300 on 9465 IRK 250	) kW / 152 deg to	SEAs in Cebuano
1900-2000 on 9490 MSK 250	) kW / 240 deg to	WEu in Italian
	) kW / 195 deg to	
1200-1400 on 9615 IRK 500	) kW / 180 deg to	SEAs in Indonesian
1400-1500 on 9615 IRK 500	) kW / 180 deg to	SEAs in English
	) kW / 284 deg to	
1600-1700 on 9735 ARM 300	) kW / 110 deg to	SAs in Punjabi
1100-1400 on 9865 P.K 250		
1400-1500 on 9865 P.K 250	) kW / 263 deg to	EAs in English
1100-1200 on 9900 VLD 250	) kW / 220 deg to	SEAs in Illocano
1500-1600 on 11505 ERV 300	) kW / 110 deg to	SAs in Punjabi
1600-1700 on 11505 ERV 300	) kW / 110 deg to	SAs in Urdu
1300-1400 on 11520 A-A 200		
1600-1700 on 11630 ARM 250		
1500-1600 on 11655 ARM 300		
1100-1400 on 11725 P.K 250		
1400-1500 on 11725 P.K 250	) kW / 244 deg to	EAs in English
1200-1300 on 11855 DB 100		
1200-1400 on 11895 IRK 250		
1900-2100 on 12060 ARM 250		
1400-1600 on 12065 ARM 300	) kW / 110 deg to	SAs in Urdu
1300-1500 on 13810 A-A 500	) kW / 121 deg to	SEAs in English
1100-1200 on 13850 VLD 200	) kW / 220 deg to	SEAs in Indonesian
1200-1300 on 13850 VLD 200	) kW / 220 deg to	SEAs in Tagalog
1200-1300 on 15490 NVS 250	) kW / 155 deg to	SEAs in Thai
(R BULGARIA DX MIX News, June	9)	

**ASIA** [non] - USA [non] A-09 RFA Daily Broadcast Frequencies. All times in UTC. \* changes [sites added, except secret ones!]

Burmese (4 hours daily) 0030-0130 13820/IRA, 13865/TIN, 17835/TIN 1230-1330 7390/IRA, 9320/TIN, 13675/TIN 1330-1430 7390/TIN, 9320/TIN, 12140/TIN(-1400) 1630-1730\* 9945/IRA Cantonese (2 hours daily) 1400-1500\* 5835/TIN, 7280/TIN, 11595/SAI 2200-2300 9355/SAI, 11715/TIN, 11785/TIN Khmer (2 hours daily) 1230-1330 12140/TIN, 15160/IRA 2230-2330 7580/IRA, 13740/TIN Korean (5 hours daily) 1500-1700 1350 , 5810/TIN, 7210/IRK, 7455/TIN 1700-1800 1350 , 5810/TIN, 9370/IRA 1800-1900 1350 , 5810/TIN, 7210/TIN 2100-2200 1350 , 7460/ , 9385/TIN, 12075/SAI Lao (2 hours daily)

1100-1200 9355/SAI, 15145/IRA Mandarin (12 hours daily) 0300-0600 13760/SAI, 15130/TIN, 15615/TIN, 15635/IK, 17615/TIN, 17880/SAI, 21550/TIN, 21690/TIN 0600-0700 13760/SAI, 15130/TIN, 15615/TIN, 15635/IK, 17615/TIN, 17880/SAI, 21550/TIN 9455/SAI, 1500-1600 9905/PAL, 11540/TIN, 11625/TIN, 12025/SAI, 13675/TIN, 15495/TIN 1600-1700\* 9455/SAI, 9905/PAL, 11540/TIN, 11795/TIN, 12025/SAI, 13675/TIN, 15530/TIN 1700-1800\* 7260/TIN, 7280/TIN, 9355/SAI, 9455/SAI, 9540/TIN, 9905/PAL, 11540/TIN, 11795/TIN, 13625/TIN 1800-1900\* 7280/TIN, 7355/TWN, 9355/SAI, 9455/SAI, 9540/TIN, 9865/TIN, 11540/SAI, 11700/TIN, 13625/TIN 1900-2000\* 1098/TWN, 7260/TIN, 7355/TWN, 9355/SAI, 9455/SAI, 9850/TIN, 9865/TIN, 9905/PAL, 11700/TIN, 11785/TIN, 13625/TIN, 15510/TIN 2000-2100\* 1098/TWN, 7260/TIN, 7355/TWN, 9355/SAI, 9455/SAI, 9850/TIN, 9905/PAL, 11700/TIN, 11740/TIN, 11785/TIN, 13625/TIN 9850/TIN, 9455/SAI, 2100-2200 1098/TWN, 7355/TWN, 9905/PAL, 11740/TIN, 11935/TIN, 13625/TIN 2300-0000 11760/TIN, 11785/TIN, 15430/TIN, 15485/SAI, 15585/TIN 7540/ . Tibetan (10 hours daily) 0100-0300 9365/KWT, 9885/W, 11695/UAE, 15225/TIN, 17730/ 0600-0700 17510/ 17780/KWT, 21500/TIN, 21690/UAE , 1000-1100 15460/Lam, 17750/KWT, 21530/KWT 1100-1200 15375/UAE, 17750/KWT 7470/ 13830/ , 15375/UAE 11590/KWT, 11605/TIN, 13830/ 1200-1400 7470/ , 1500-1600 9370/ 11550/KWT, 11585/TIN, 11795/UAE 2200-2300 5865/TIN, 7500/TIN, 9880/Lam 2300-0000 7470/ 7500/KWT, 9805/UAE, 9875/TIN Uyghur (2 hours daily) 0100-0200 9350/ 9490/LTU, 11895/UAE, 11945/UAE, 17640/TIN 9350/IRA, 1600-1700 , 9555/UAE, 11750/IRA 9370/ Vietnamese (2 hours daily) 1400-1500 7520/IRA, 9715/TIN, 9805/SAI, 11605/TWN, 11680/IRA, 12140/IRA 1400-1430 1503/TWN , 11605/TWN, 13740/SAI, 15535/Vla, 15560/IRA 2330-2400 7520/IRA, 11580/ , 11605/TWN, 13740/SAI, 15535/Vla, 15560/TIN 0000-0030\* 7525/IRA, 11580/ (Radio Free Asia website, via Gordon Brown-UK, NWDXC June 1 via BCDX June 6) IRA = Iranawila / CLN, SAI = Saipan/Northern Marianas, TIN = Tinian /Northern Marianas, PAL = Palau

BELARUS - Summer A-09 of Radio Belarus, Minsk:

,	
Belarussian	1600-1800 on 7390 MNS 150 kW / 246 deg
1100-1400 on 7210 MNS 075 kW / 270 deg	German
1100-1400 on 7390 MNS 150 kW / 246 deg	1800-2000 on 7210 MNS 075 kW / 270 deg
Russian	1800-2000 on 7255 MNS 250 kW / 252 deg
1400-1600 on 7210 MNS 075 kW / 270 deg	1800-2000 on 7390 MNS 150 kW / 246 deg
1400-1600 on 7390 MNS 150 kW / 246 deg	English
2200-2300 on 7210 MNS 075 kW / 270 deg	2000-2200 on 7210 MNS 075 kW / 270 deg
2200-2300 on 7255 MNS 250 kW / 252 deg	2000-2200 on 7255 MNS 250 kW / 252 deg
2200-2300 on 7390 MNS 150 kW / 246 deg	2000-2200 on 7390 MNS 150 kW / 246 deg
Polish	Belarussian Belorusskoe Radio HS-1
1600-1800 on 7210 MNS 075 kW / 270 deg	0400-0700 on 11930 MNS 250 kW / 072 deg
1705-1800 on 7255 MNS 250 kW / 252 deg	1500-1700 on  7255 MNS 250 kW / 072 deg
1400-1600 on       7390 MNS 150 kW / 246 deg         2200-2300 on       7210 MNS 075 kW / 270 deg         2200-2300 on       7255 MNS 250 kW / 252 deg         2200-2300 on       7390 MNS 150 kW / 246 deg         Polish       7210 MNS 075 kW / 270 deg	English 2000-2200 on 7210 MNS 075 kW / 270 deg 2000-2200 on 7255 MNS 250 kW / 252 deg 2000-2200 on 7390 MNS 150 kW / 246 deg Belarussian Belorusskoe Radio HS-1 0400-0700 on 11930 MNS 250 kW / 072 deg

(R BULGARIA DX MIX News, May 22)

0000-0100 15545/TIN, 15690/IRA

BOLIVIA - 4409.83, Radio Eco, Reyes, 0030 to 0035, OM en español, fair signal, no sign of the pulsating problems of past months, seem very regular, on each evening. No logs 1000 to 1100.

5580.24, Radio San José. San José de Chiquitos, 0000 to 0030, fading in and out, some music, 5 June. Not heard 1000 to 1130! [Wilkner]

5952.53, Radio Pío XII, Siglo XX, 0000 to 0020 on 27th May, irregular sign on at 1100; Reduced signal strength. 2346 noted on 25 May; 1125 on 28 May. 1110 on 3rd of June, Not on June 4th same time ..... [Wilkner-LOB]

6075, R. Kawsachun Coca, Lauka, seems to drift from sign on, 6074.95, 1020 to 1055 "Radio ....estaciones ...ocho en la mañana, nueve en la mañana ..en la ciudad de ...." Several short flauta andina, YL only toward the end of log, 1 June. On most days at this time. Carrier on 0950 on 6 June. [Wilkner - LOB]

Logs ~ Pómpano Beach, Cedar Key, Boca Ratón, Clewiston, Coral Springs and Embu SP Brasil, [Florida - Brasil Group] 73s (Bob Wilkner, Pompano Beach, Southeast Florida, NRD 535D ~ Drake R8, 7 June, DXLD)

4835, R. Virgen de Remedios, Tupiza. June 05, Spanish 0023-0042 news program: possibly fraud in last December elections, eventual reelection of Evo Morales (noted some political editorial tendencies against Evo Morales in this program), "no hay ms casos de influenza humana", Air France airplane news from outside female presumed from Brazil, male ID "R. Virgen de Remedios desde Tupiza". 34533 (Lcio Otvio Bobrowiec, Embu SP Brasil - Sony ICF SW40 – dipole 18m, 32m, dxldyg via DXLD)

6155.27, Radio Fides, La Paz, 0105-0159\*, June 6, Spanish talk. ID. Bolivian music. Closing ID announcements at 0158 over lite music. Fair (Brian Alexander, PA, DXLD)

6155.26, R. Fides. Usual press program with W host and many actualities after 0000. Later, post 0130, had nonstop soft LA music. 0201 full closing ID by M over haunting ethereal music with mention of AM, FM, and the 2 SW frequencies in 49 and 31 mbs, possible address, etc. Bit of music, deadair, and off. Fairly clear. (5 June)

4409.77, R. Eco, 0222-0247, Nonstop LA tropical pop music. Actually hrd for the 2 hours previous. Really faded down and almost inaudible after 0240, but picked back up again after 0310. Not guite strong enough to copy the occas. short anmnt. Seemed like one final anmnt at 0413 and off. Pretty decent early around 0030. A fair amount of QRN. (5 June) (Dave Valko, Dunlo PA, HCDX via DXLD)

#### BOTSWANA / GERMANY / MADAGASCAR / ST TOME / SOUTH AFRICA / THAILAND / USA -

Frequency changes of IBB:

9435 Lam 100 kW / 075 deg, ex 11530 RL in No. Caucasus langs\* 0300-0400 NF 5945 ST 100 kW / 088 deg, new txion VOA in Somali 0330-0400 NF 0330-0400 NF 12110 Lam 100 kW / 132 deg,new txion VOA in Somali 0330-0400 NF 15430 BOT 100 kW / 010 deg, new txion VOA in Somali 0500-0530 NF 5945 BIB 100 kW / 126 deg, ex 9460 VOA in Albanian 1400-1500 NF 12075 BIB 100 kW / 085 deg, ex 9685 RL in Turkmen 1500-1530 NF 12110 UDO 250 kW / 316 deg, ex 7280 VOA in Uzbek 1700-1800 NF 15455 BIB 100 kW / 085 deg, ex 9530 VOA in Georgian 1730-1800 NF 5830 BIB 100 kW / 105 deg, ex 5820 VOA in Azeri 9815 VOA in Portuguese Mo-Fr 1800-1830 NF 12080 Ram 250 kW / 094 deg, ex 1800-1830 NF 11960 RSA 250 kW / 335 deg, ex 6170 VOA in Portuguese Mo-Fr 1800-1830 NF 15730 MDG 250 kW / 275 deg, ex 7310 VOA in Portuguese Mo-Fr 1900-2000 NF 6120 RSA 250 kW / 335 deg, ex 5990 VOA in English \*Avari/Chechen/Chercassi (R BULGARIA DX MIX News, June 9)

BRAZIL - While R. Cultura on SW is still absent... 1200 R. Cultura, Sao Paulo SP, 2234-2242, 29 May, IDs "Cultura FM", news; 34442, QRM de B. As a matter of fact, the band was loaded with Braz. signals audible as early as 2215.

4865 R. Verdes Florestas, Cruzo do Sul AC, 2229-2244, 30 May, talks; 24341.

11815 R. Brasil Central, Goiania GO, 2106-2127, 29 May, sports prgr "Desportos em Cima da Hora", advertisements; 54544, adj. QRM.

11915 R. Gaucha, Pto Alegre RS, 2111-2125, 29 May, sports news, ads; 43542, co-ch. QRM de ARS.

11925.2 R. Bandeirantes, Sao Paulo SP, 2114-2133, 29 May, news bulletin "Jornal em Tres Tempos", advertisements, infos, TS 2130; 34543, adj. QRM 11930. (all Carlos Goncalves-POR, wwdxc BC-DX TopNews May 31)

CANADA [and non] - 6070, CFRX, they're on but apparently not always at full strength. Checked 2125 UT on May 30 and found them at threshold level \\ strong 1010 kHz. Checked later at 2253 and 6070 was very good with medical programming. Barely audible again on May 31<sup>st</sup> checks (John Herkimer, NY, DXplorer May 31)

CFRX still suffers co-channel interference on 6070, from which it is inconceivable that it would ever move; equally inconceivable that RCI at HFCC would lift a finger to protect 6070. Wouldn't do any good anyway in this case, as the culprit is an outlaw nation, which refuses to participate in HFCC, hardly the worst of its sins: Voice of Korea, per Aoki on 6070 at 0900-1250 in Japanese, with the usual breaks before hourtop, 125 kW at 109 degrees from Kanggye. June 4 at 1156 a fast SAH from this was marring reception of CFRX. Better news in the evening: CVC Spanish via Chile has replaced 6070 with 11665 at 2300-0200 as of June 3 (gh, DXLD)

**CHAD** - 6165, RNT, \*0429-0459, June 5, sign on with Balafon IS. National Anthem at 0432. Opening French announcements at 0433. African tribal music at 0434. Hi-life music. French talk. Fair to good signal but very weak co-channel QRM from possibly Zambia. Chad covered by Radio Nederland at their 0459 sign on (Brian Alexander, PA, DXLD)

**CHILE -** Frequency change of Voz Crista/La Voz via SGO=Santiago from June 3: Spanish to Northern South America 2300-0200 NF 11665 SGO 100 kW / non-dir, ex 17680 1200-2300 on 17680 SGO 100 kW / non-dir, ex 12-02 (R BULGARIA DX MIX News, June 9)

**CHINA** [non] - SOH seems changed the transmission from Palau to newly by Tajikistan. I confirmed it by a mistake of the switching of V. of Tibet via Tajikistan on 15420v kHz on June 4.

15750, SOH Chinese 1230-1300 and V. of Tibet Chinese at 1300-1300'37" 15727, V. of Tibet at 1300'38-1303 15427, V. of Tibet at 1303'13"-1316'32" 15429, V. of Tibet at 1316'33-1335'12" 15414, V. of Tibet at 1335'12"-1400

And June 5. SOH and VOT via Yangiyul, Tajikistan 15740, 1230-1300 SOH Chinese 15427, 1300-1315 VOT Chinese 15429, 1315-1330 VOT Chinese 15429, 1330-1335 VOT Tibetan 15414, 1335-1400 VOT Tibetan 15750, 1400-1430 SOH Chinese SOH on 15740 at \*1230-1240, clear without jamming and Firedrake is interfered with from 1240. <http://ndxc.org/aoki/binews/ai/soh-20090605-1230\_15740.mp3> de Hiroshi (S. Hasegawa, Japan, NDXC-HQ June 6, dxldyg via DXLD)

Note my recent catch of ChiCom echo jamming on 15760, likely also targeting this as above, jumping from 15750, 15740 (gh, DXLD)

**CUBA** - "6 x 100 kW and 1 x 50 kW" for Bauta are statements repeatedly made by Arnaldo Coro some years ago, saying that these are brand-new, just installed transmitters with pulse-step modulation, i.e. the well-known Chinese rip-offs. The 50 kW unit has been described as is use for 5025 kHz.

In general Bauta appears to be the pride of Cuban external broadcasting. It seems that it was their first shortwave site, and it still appears to be the only one they admit to exist at all. More than ten years ago a German managed to get to the door of the transmitter hall, and what he saw confirms the informations in the TDP table.

The Funkwerk Koepenick transmitters and maybe the Siemens units as well were originally meant for PTP services. They later had been used for the SSB transmissions of Radio Habana Cuba when the era of PTP shortwave technology was over.

Anything else is basically a mystery. It's entirely up to anyone's guess if he want to believe the statement that new PSM transmitters have been installed at Bauta. I seem to recall that also some curtain antenna usage had been mentioned for the first test transmissions, for what it was worth.

But it appears that 250 kW transmitters are nothing new. Such an output power had been mentioned for at least 6000 kHz already during the nineties, and I never found any explanation of the circumstance that this just does not fit all the information about Bauta installations.

My theory: Quivican [see also above, I guess Bejucal is Russian made, due of the curtain mast design] is a facility with Soviet equipment the Cubans wanted to keep secret from the beginning, leaving people to believe that their beloved Bauta site is the origin of all Cuban shortwave broadcasting. It could be indicative how much frequencies used to be on air from Cuba during the late eighties, of course for both RHC and Moscow relays together. More than four ones, without signals from utility transmitters? (Kai Ludwig-D, dxld June 4)

EGYPT - Summer A-09 of Radio Cairo:

LOIFI-0										
										WAf Arabic GS
										WAs Arabic
1215-1330	on	17835	ABZ	250	kW	/	090	deg	to	SAs English
1230-1400	on	15710	ABS	250	kW	/	106	deg	to	SEAs Indonesian
1300-1600	on	15080	ABS	250	kW	/	241	deg	to	WAf Arabic
1330-1530	on	15800	ABZ	100	kW	/	070	deg	to	WAs Farsi
1430-1600	on	12170	ABZ	250	kW	/	070	deg	to	WAs Pashto
										CAs Uzbek
1500-1600	on	15255	ABS	250	kW	/	330	deg	to	EEu Albanian
										CEAf Swahili
										ECAf Afar
1600-1800	on	6270	ABZ	250	kW	/	090	deg	to	SAs Urdu
1600-1800	on	12170	ABZ	150	kW	/	195	deg	to	CSAf English
1700-1900	on	6860	ABS	250	kW	/	005	deg	to	N/ME Turkish
1700-2300	on	9250	ABZ	250	kW	/	180	deg	to	EAf Ar R.Waadi e Nile
1700-1730	on	15285	ABZ	100	kW	/	160	deg	to	ECAf Somali
1730-1900	on	15285	ABZ	100	kW	/	160	deg	to	ECAf Amharic
1800-1900	on									WEu Italian
1800-2100	on	9990	ABS	250	kW	/	241	deg	to	WAf Hausa
1900-2000	on									WeEu German
1900-2000	on	6860	ABS	250	kW	/	005	deg	to	EEu Russian
1900-2030	on	11510	ABZ	100	kW	/	250	deg	to	WAf English
1900-2400	on	6290	ABS	250	kW	/	315	deg	to	WEu Arabic GS
1900-0030	on									CEAf Arabic R.VoArabs
2000-2115										WEu French
										AUS Arabic
2030-2230	on									WAf French
2115-2245	on									WEu English
2215-2330										SAm Portuguese
2300-0030	on									NEAm English
2330-0045	on	9250	ABS	250	kW	/	241	deg	to	SAm Arabic
2330-0045	on									CAm Arabic
0000-0700										NAm Arabic GS
0030-0430	on									NEAm Arabic
0045-0200	on									NAm Spanish
0045-0200	on									CAm Spanish
0045-0200	on	9915	ABS	250	kW	/	252	deg	to	SAm Spanish
0200-0330	-	7540	ABZ	250	kW					NAm English
(R BULGARI	A D	X MIX Ne	ews, N	/lay 22	2)					

**EQUATORIAL GUINEA -** 5005, Radio Nacional, Bata, \*0501-0600, June 5, sign on with National Anthem. Afro-pop music at 0504. Hi-life music. Spanish talk. Radio Nacional ID. Poor to fair. Surprised to hear // 6250 at 0517 tune-in with a good signal. These two frequencies do not usually run parallel. Still running parallel at 0600 tune-out.

6250, Radio Nacional, Malabo, 2100-2258:30\*, June 5, on late with Afro-pop music. Spanish talk. Speech by man. Radio Malabo ID. African hi-life music. S/off with National Anthem at 2257. Fair signal. No sign of 5005.

5005, Radio Nacional, Bata, \*0504-0600, June 6, sign on with local tribal music. Afro-pop music. Spanish talk. Not // 6250. Weak in noisy conditions.

6250, Radio Nacional, Malabo, 0550-0605, June 6, Spanish talk. Afro-pop music. Radio Malabo IDs. Fair signal. Not // 5005 (Brian Alexander, PA, DXLD)

**GEORGIA** [ABKHAZIA] - Here is the complete schedule of Abkhaz Radio from Sukhumi, Abkhaz Rep.: ID in Abkhazian: "Apsua Radio", ID in Russian "Gavarit Sukhumi".

0330-0345 MS RR 0345-0400 MS AB 0400-0430 MS AB, Sun till 0425 RR (same news are repeated on Sunday at 1100 and at 1400 hours) 0430-0500 MS AB 0700-0800 MF AB 0800-0810 MF RR 1100-1120 MF AB, Sat & Sun in RR, Sun till 1125 1400-1420 Sat, till 1425 in RR 1400-1455 MF AB and irregularly 1425-1455 on Sat in AB

[MF must mean Mon-Fri, but what does MS mean, Mon-Sat, or Mon-Sun, i.e. daily? gh] All times vary and the usage of languages also vary. In times like 0500-0700 MF (Sat till 0600) and after 1455 is relaying Radio Rossii, mostly Stream No. 4, sometimes No. 3 (as on 4055 kHz KGZ). All above is for the frequency of 9495 kHz, irr. \\ also 9535. The \\ MW frequency of 1350 is with increased broadcast times than on SW. (Rumen Pankov-BUL, ARDXC June ADXN direct and via dxld)

**GERMANY** - 11885 Cheetah R. via Wertachtal, May 30 1610-1700\*, just above the noise at *t/in* but came up around 1620 with self-help/ motivational prgming in English. Brief ID at 1630 and promo for cheetahradio.com site. "Power Learning" prgm continued with woman answering questions from callers, another ID at 1658 and web address repeated. Into Family R. in Arabic at 1700. Saturdays only and poor overall. (John Herkimer-NY-USA, DXplorer May 31)

#### MEDIA BROADCAST GmbH (formerly T-SYSTEMS - DTK) A09

A09 period (29/03 - 24/10/2009), operational DTK schedule of 19th May 2009

A09 be	5110u (29/	03-24	1	0/20	,09),	operati			euui	5 01 18	un may z	2008	9							
frq broad	startstop	o ciraf	1	loc	pow a	azi	day fro	om to	,		1900-193						1234567 1234567			
	9400-0500	28	М	250	ΝD	1234567	200300	2/1000	RRP		1500-155						1234567			
	1800-2000			250		1234567					1700-175						1234567			
	2100-2200			250		1234567					0400-043									
	0000-0100					1234567					1600-165			W 2			1234567			
	9700-0730							241009			0030-040						1234567			
						_	290309				1200-130			N 10			1234567			
5945 0	9700-0815 9745-0800	27.28N	W	100	300	6	290309				1600-165			W 2	0 10		1234567			
5945 1	1100-1115	27,28	W	250	ND	1		241009		7350	1600-165	59 30	0S	W 2	0 9	90 1	1234567	290309	241009	IBB
5945 1	1300-1400	27,28	J	100	ND	1	290309	241009	RTR	7420	1500-155	59 30	0S	W 25	0 7	75 1	1234567	290309	241009	IBB
5945 1	1530-1559	28NW	F	100	55	1234567	290309	241009	PRW	7420	2200-230	00 37	7,38W	W 25	0 21	0 1	1234567	290309	241009	YFR
5955 0	9758-1000			250	ND	7	010609	310809	RNW		1545-165		9,40	J 10	0 11	5	24 6 7 1 7	290309	241009	BVB
5955 1	1000-1657		W	250	ND	1234567	010609	310809	RNW	9430	1615-163	30 39	9,40	J 1(	0 11	5	6	290309	241009	BVB
5955 1	1000-1657		W	250	ND		290309	310509	RNW	9430	1701-180	00 39	9,40	W 12	5 12	20	7	290309	241009	BVB
	1000-1657			250	ND			241009			1730-175		9,40	W 12	5 12	20 1	1	290309	241009	BVB
	1459-1657			250		234567					1800-185		-,				-			
	1459-1657			250		234567					1815-184				0 12				241009	
	1130-1159			100		1234567					1830-185						6			
	1130-1159	28NW		100		1234567					0030-013									
	0300-0330	0711 00				1234567					1800-183				0 22				241009	
	1700-1759					1234567					1330-142									
	1000-1059 1600-1700			250 250		1234567 1234567					1500-152			J 10			1234567			
	1930-2000			40		1234567					1528-155				0 10				241009	
	950-2000					1234567					1700-172									
	0659-0757					234567					0030-010		,	W 2			1234567			
	0659-0800				186			241009			2330-003						1234567			
	1600 - 1930	40				1234567					1629-170						1234567			
	900-1000				ND			241009			1400-145		,	W 2			1234567			
6050 1	1700-1859	29	W	250	45	1234567	290309	241009	IBB	9515	1930-201	5 37	7,38	W 25	0 15	50 1	1	290309	241009	PAB
6050 1	1900-1930	29N	W	100	45	1234567	290309	241009	PRW		1930-203			W 25	0 15	50	7	290309	241009	PAB
	900-0959			100	90			241009			1200-130						1234567			
	1030-1100			125	ND		290309		-		1700-185									
	1600-1659			250		1234567					1800-185								241009	
	0300-0330					1234567					1900-200									
	0642-0750				285			241009			1159-160						1234567			
	9657-0750					23456					2000-210									
	0712-0750 1700-1759			100 250		1234567	290309				1900-220						1234567			
	1400-1559										1801-190						1234567			
	2000-2200										0030-004				0 2				241009	
	0659-0757			250		234567					1900-193						1234567			
	0659-0800				300			241009			1830-185									
6120 0	9759-1000		W	250	255	23456	290309	241009	RNW	9670	1500-153	30 30	0S	W 25	0 7	75 1	1234567	050409	241009	IBB
6125 0	9459-0557		Ν	250	243	1234567	290309	241009	RNW	9670	1530-170	00 28	8NE,2	W 10	0 6	60 1	1234567	290309	241009	PRW
	1959-2200					1234567					2330-003									
6130 0	9330-0400	27,28	W	250		1234567					0230-033						1234567			
	9430-0500					1234567					1800-183									
	1800-1830			125	55		290309				2100-215									
	1800-1845			125	55		290309				1500-165			W 12			1234567			
	1800-1859 1815-1830			125 125	55 55	24		241009 241009			1700-175						1234567			
	1930-1959			125		2 4 1234567					0500-200									
	900-1000			100	ND			241009			1700-175						1234567			
	1800-1829					1234567					0900-100		- ,		0 18				241009	
	1830-1929			100		1234567					1200-123						1234567			
	9500-0600					1234567					1700-175			F 10			1234567			
6155 2	2100-2159	28NE, 2	W	100	55	1234567	290309	241009	PRW	9805	1900-200	00 29	9,30	W 25	0 6		1234567			
	1830-1859			100		1234567					0330-040						1234567			
	1900-2000										2030-210									
7220 1	1357-1500	28,29,	W	100	60	1234567	290309	241009	TWR	9845	0300-033	30 48	8	W 25	0 13	35 1	1234567	290309	241009	AWR

9850 0530-0600 46,47 W 500 195 1234567 290309 241009 NHK	13700 1557-1657 N 500 230 1234567 010609 310809 RNW
9855 1800-1859 40E,41 W 250 90 1234567 190409 241009 IBB	13710 1100-1130 19,20, N 250 20 7 290309 241009 EMG
	13730 1529-1727 W 500 150 1234567 290309 241009 RNW
9895 0459-0557 N 250 160 1234567 290309 241009 RNW	13745 1100-1129 29 W 100 60 1234567 290309 241009 PRW
9695 0439-0337 N 250 100 1234367 290309 241009 NW	13743 1100-1129 29 W 100 00 1234507 290309 241009 FW
	13750 1530-1628 40E,41 W 250 90 1234567 290309 241009 GFA
9895 0757-1000 N 250 221 7 010609 310809 RNW	13790 1800-1859 46E,47 W 500 180 1234567 290309 241009 YFR
9895 1000-1657 27,28, W 250 240 1 010909 241009 RNW 9895 1000-1657 27,28, W 250 240 1 290309 310509 RNW 9895 1000 1657 27,28, W 250 240 1234567 010600 310509 RNW	13810 1400-1557 28,29W N 100 120 1234567 290309 241009 TOM
9895 1000-1657 27,28, W 250 240 1 290309 310509 RNW	13810 1600-1759 38S,39 J 100 130 2 45 290309 241009 BVB
9895 1000-1657 27,28, W 250 240 1234567 010609 310809 RNW	13810 1600-1859 38S,39 J 100 130 1 6 290309 241009 BVB
9895 1459-1657 27,28, W 250 240 234567 010909 241009 RNW	13810 1630-1759 38S,39 J 100 130 3 290309 241009 BVB
0005 1455-1057 27,20, W 250 240 234507 010505 241009 NNW	13010 1030-1739 303,39 J 100 130 J 290309 241009 DVD
9895 1459-1657 27,28, W 250 240 234567 290309 310509 RNW	13810         1630-1830         385,39         J         100         130         7         290309         241009         BVB           13820         1700-1759         38E,39         N         125         145         5         290309         241009         ELF
	13820 1700-1759 38E,39 N 125 145 5 290309 241009 ELF
9895 2059-2127 N 250 320 1234567 010609 310809 RNW	13820 1700-1759 47E,48 N 500 140 7 290309 241009 ADM
9925 0100-0500 2,3,4, N 100 325 1234567 100509 241009 HRT	13820 1700-1759 38E,39 W 250 135 1 4 290309 241009 EFD
9925 2200-0300 11.12. W 100 240 1234567 100509 241009 HRT	13830 1400-1459 W 250 75 1234567 290309 241009 IBB
9925 2300-0300 6,7,8, W 100 300 1234567 100509 241009 HRT	13830 1500-1559 41E W 500 75 1234567 290309 241009 YFR
11600 1800-1859 37E.38 W 250 150 1234567 290309 241009 YFR	13830 1600-1629 39,40 J 100 100 1 5 290309 241009 PAB
11635 0430-0500 48 W 125 135 1 290309 241009 BVB	13830 1700-1759 38E,39 J 125 130 1 4 290309 241009 SBO
11635 0430-0530 48 W 125 135 7 290309 241009 BVB	13830 1730-1800 47E,48 J 100 130 6 290309 241009 RMI
11640 1630-1659 38E,39 N 100 145 3 6 290309 241009 RHU	13840 1100-1129 29S W 100 90 1234567 290309 241009 PRW
11665         1659-1727         W 500         120         1234567         290309         241009         RNW           11670         1600-1659         40         N 500         105         1234567         290309         241009         YFR           11680         1600-1659         41         W 500         90         1234567         290309         241009         YFR	13840 1700-1759 37,38 W 100 180 1234567 290309 241009 YFR
11670 1600-1659 40 N 500 105 1234567 290309 241009 YER	13870 1730-1759 48 W 250 150 23456 290309 241009 IBB
11670 1600 1650 41 W 500 10 1234567 200300 241000 VEP	
11750 0530-0600 46,47 W 500 180 1234567 290309 241009 NHK	
11750 1430-1529 29S W 100 75 1234567 290309 241009 PRW	15130 1400-1458 39N,40 N 250 113 1234567 270409 241009 IBB
11755 2000-2100 46E,47 W 100 180 1234567 290309 241009 AWR	15160 1500-1529 41N F 250 80 1234567 290309 241009 AWR
11760 1600-1630 47E,48 W 500 135 1 3 5 030509 241009 RMI	15160 1530-1559 41N F 250 80 1234567 290309 241009 AWR
11810 1500-1559 29SE W 250 90 1234567 290309 241009 IBB	15160 1600-1659 47,48 W 250 150 1234567 290309 241009 RBP
11830 1830-1959 46,47 W 100 165 1 290309 241009 BVB	15190 0830-0900 38,39, W 500 105 1234567 290309 241009 NHK
11830 1930-1959 46,47 W 100 180 7 290309 241009 BVB	15205 1400-1415 39N,40 N 250 95 7 290309 241009 PAB
11830 1945-2015 46SW W 125 210 23456 290309 241009 BVB	15205 1400-1430 41 N 100 95 1 290309 241009 PAB
11835 1300-1329 29 W 100 60 1234567 290309 241009 PRW	15205 1415-1430 41 N 100 95 234567 290309 241009 PAB
11840 1900-2000 37,46 W 500 210 1234567 290309 241009 YFR	15205 1430-1445 41 N 250 95 1 290309 241009 PAB
11850 1700-1759 40 W 500 105 1234567 290309 241009 YFR	15205 1900-1930 46S N 125 215 1234567 290309 241009 AWR
11865 0430-0500 39,40 W 250 120 2345 290309 241009 BVB	15205 1930-2000 46SE,4 W 250 165 1234567 290309 241009 AWR
11865 0430-0545 39,40 W 250 120 6 290309 241009 BVB	15255 1300-1459 41E N 500 84 1234567 290309 241009 YFR
11885 1600-1659 41 W 125 90 7 250409 241009 RMI	15260 1900-2000 37,38W N 100 215 1234567 290309 241009 AWR
	15295 1500-1530 41 F 250 77 1 7 290309 241009 RVB
11885 1700-1759 39 W 250 120 1234567 290309 241009 YFR	15795 $1500 = 1530$ $41$ E $750$ $77$ $1$ $7700309$ $741009$ BVB
11905 1730-1800 48 N 250 140 23456 290309 241009 IBB	15295 1500-1559 41 F 250 77 56 290309 241009 BVB
11905 1730-1800 48 N 250 140 23456 290309 241009 IBB 11915 1030-1059 27 W 100 300 1234567 290309 241009 PRW	152951500-155941F2507756290309241009BVB152951515-155941F250774290309241009BVB
11915 1030-1059 27 W 100 300 1234567 290309 241009 PRW	15295 1500-1559 41 F 250 77 56 290309 241009 BVB
11915 1030-1059 27 W 100 300 1234567 290309 241009 PRW 11915 1730-1800 37,38W W 100 210 1234567 290309 241009 AWR	152951500-155941F2507756290309241009BVB152951515-155941F250774290309241009BVB152951530-155941F2507723290309241009BVB
119151030-105927W1003001234567290309241009PRW119151730-180037,38WW1002101234567290309241009AWR119350659-0757W250240234567290309241009RNW	15295         1500-1559         41         F         250         77         56         290309         241009         BVB           15295         1515-1559         41         F         250         77         4         290309         241009         BVB           15295         1515-1559         41         F         250         77         4         290309         241009         BVB           15295         1530-1559         41         F         250         77         23         290309         241009         BVB           15320         1300-1457         42,43W         N         250         70         7         230409         241009         AWR
119151030-105927W1003001234567290309241009PRW119151730-180037,38WW1002101234567290309241009AWR119350659-0757W250240234567290309241009RNW119350659-0800W2502401290309241009RNW	
119151030-105927W1003001234567290309241009PRW119151730-180037,38WV1002101234567290309241009AWR119350659-0757W250240234567290309241009RNW119350659-0800W2502401290309241009RNW119501700-175939N,40N2501131234567290309241009IBB	$            15295 \  1500-1559 \  41 \qquad F \  250 \  \  77 \  \  56 \  \  290309 \  241009 \  BVB \\            15295 \  1515-1559 \  41 \qquad F \  250 \  \  77 \  \  4 \  \  290309 \  241009 \  BVB \\            15295 \  1530-1559 \  41 \qquad F \  250 \  \  77 \  \  23 \  \  290309 \  241009 \  BVB \\            15320 \  1300-1457 \  42,43W \  N \  250 \  \  70 \  \  7 \  \  230409 \  241009 \  AWR \\            15320 \  1300-1459 \  42,43W \  N \  250 \  \  70 \  \  70 \  \  23456 \  \  230409 \  241009 \  AWR \\            15320 \  1300-1500 \  42,43W \  N \  250 \  \  70 \  \  23456 \  \  230409 \  241009 \  AWR \\           $
11915         1030-1059         27         W         100         300         1234567         290309         241009         PRW           11915         1730-1800         37,38W         W         100         210         1234567         290309         241009         AWR           11935         0659-0757         W         250         240         234567         290309         241009         RNW           11935         0659-0757         W         250         240         234567         290309         241009         RNW           11935         0659-0800         W         250         240         1         290309         241009         RNW           11955         1700-1759         39N,40         N         250         113         1234567         290309         241009         RNW           11955         1430-1459         29N         W         100         45         1234567         290309         241009         RW	$            15295 \  1500-1559 \  41 \qquad F \  250 \  77 \qquad 56 \  290309 \  241009 \  BVB \\            15295 \  1515-1559 \  41 \qquad F \  250 \  77 \  4 \  290309 \  241009 \  BVB \\            15295 \  1530-1559 \  41 \qquad F \  250 \  77 \  23 \  290309 \  241009 \  BVB \\            15320 \  1300-1457 \  42,43W \  N \  250 \  70 \  7 \  230409 \  241009 \  AWR \\            15320 \  1300-1500 \  42,43W \  N \  250 \  70 \  1 \  230409 \  241009 \  AWR \\            15320 \  1300-1500 \  42,43W \  N \  250 \  70 \  1 \  230409 \  241009 \  AWR \\            15325 \  1500-1529 \  41N \  W \  250 \  90 \  1234567 \  290309 \  241009 \  AWR \\            AWR \\            241009 \  AWR \  250 \  70 \  1234567 \  290309 \  241009 \  AWR \\            241009 \  AWR \  250 \  70 \  1234567 \  290309 \  241009 \  AWR \\            241009 \  AWR \  250 \  70 \  1234567 \  290309 \  241009 \  AWR \\            241009 \  AWR \  250 \  70 \  1234567 \  290309 \  241009 \  AWR \  250 \  AWR \  250 \  50 \  1234567 \  290309 \  241009 \  AWR \  AWR \  250 \  50 \  1234567 \  290309 \  241009 \  AWR \  AWR \  250 \  50 \  1234567 \  290309 \  241009 \  AWR \  AWR$
11915         1030-1059         27         W         100         300         1234567         290309         241009         PRW           11915         1730-1800         37,38W         W         100         210         1234567         290309         241009         AWR           11935         0659-0757         W         250         240         234567         290309         241009         RNW           11935         0659-0757         W         250         240         234567         290309         241009         RNW           11935         0659-0800         W         250         240         1         290309         241009         RNW           11955         1700-1759         39N,40         N         250         113         1234567         290309         241009         RNW           11955         1430-1459         29N         W         100         45         1234567         290309         241009         RW	$            15295 \  1500-1559 \  41 \qquad F \  250 \  77 \qquad 56 \  290309 \  241009 \  BVB \\            15295 \  1515-1559 \  41 \qquad F \  250 \  77 \  4 \  290309 \  241009 \  BVB \\            15295 \  1530-1559 \  41 \qquad F \  250 \  77 \  23 \  290309 \  241009 \  BVB \\            15320 \  1300-1457 \  42,43W \  N \  250 \  70 \  7 \  230409 \  241009 \  AWR \\            15320 \  1300-1500 \  42,43W \  N \  250 \  70 \  1 \  230409 \  241009 \  AWR \\            15320 \  1300-1500 \  42,43W \  N \  250 \  70 \  1 \  230409 \  241009 \  AWR \\            15325 \  1500-1529 \  41N \  W \  250 \  90 \  1234567 \  290309 \  241009 \  AWR \\            AWR \\            241009 \  AWR \  250 \  70 \  1234567 \  290309 \  241009 \  AWR \\            241009 \  AWR \  250 \  70 \  1234567 \  290309 \  241009 \  AWR \\            241009 \  AWR \  250 \  70 \  1234567 \  290309 \  241009 \  AWR \\            241009 \  AWR \  250 \  70 \  1234567 \  290309 \  241009 \  AWR \  250 \  AWR \  250 \  50 \  1234567 \  290309 \  241009 \  AWR \  AWR \  250 \  50 \  1234567 \  290309 \  241009 \  AWR \  AWR \  250 \  50 \  1234567 \  290309 \  241009 \  AWR \  AWR$
11915         1030-1059         27         W         100         300         1234567         290309         241009         PRW           11915         1730-1800         37,38W         W         100         210         1234567         290309         241009         AWR           11935         0659-0757         W         250         240         234567         290309         241009         RNW           11935         0659-0757         W         250         240         234567         290309         241009         RNW           11935         0659-0800         W         250         240         1         290309         241009         RNW           11955         1700-1759         39N,40         N         250         113         1234567         290309         241009         RNW           11955         1430-1459         29N         W         100         45         1234567         290309         241009         RW	$            15295 \  1500-1559 \  41 \qquad F \  250 \  77 \qquad 56 \  290309 \  241009 \  BVB \\            15295 \  1515-1559 \  41 \qquad F \  250 \  77 \  4 \  290309 \  241009 \  BVB \\            15295 \  1530-1559 \  41 \qquad F \  250 \  77 \  23 \  290309 \  241009 \  BVB \\            15320 \  1300-1457 \  42,43W \  N \  250 \  70 \  7 \  230409 \  241009 \  AWR \\            15320 \  1300-1500 \  42,43W \  N \  250 \  70 \  1 \  230409 \  241009 \  AWR \\            15320 \  1300-1500 \  42,43W \  N \  250 \  70 \  1 \  230409 \  241009 \  AWR \\            15325 \  1500-1529 \  41N \  W \  250 \  90 \  1234567 \  290309 \  241009 \  AWR \\            AWR \\            241009 \  AWR \  250 \  70 \  1234567 \  290309 \  241009 \  AWR \\            241009 \  AWR \  250 \  70 \  1234567 \  290309 \  241009 \  AWR \\            241009 \  AWR \  250 \  70 \  1234567 \  290309 \  241009 \  AWR \\            241009 \  AWR \  250 \  70 \  1234567 \  290309 \  241009 \  AWR \  250 \  AWR \  250 \  50 \  1234567 \  290309 \  241009 \  AWR \  AWR \  250 \  50 \  1234567 \  290309 \  241009 \  AWR \  AWR \  250 \  50 \  1234567 \  290309 \  241009 \  AWR \  AWR$
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119151030-105927W1003001234567290309241009PRW119151730-180037,38WW1002101234567290309241009AWR119350659-0757W250240234567290309241009RNW119350659-0800W2502401290309241009RNW119551700-175939N,40N2501131234567290309241009PRW119551530-152929,30N250877050409241009BVB119551530-154539,40N1001057290409241009BVB119701800-181539,40N10010535290409241009BVB119701800-185939,40N1001051290409241009BVB119701800-185939,40N1001051290409241009BVB119701830-185939,40N1001051290409241009BVB119701830-185939,40N1001051290409241009BVB119701830-185939,40N1001234567290309241009AWR129100800-090037,38W1001001234567290309241009AWR129100800-190048W250	15295       1500-1559       41       F       250       77       56       290309       241009       BVB         15295       1515-1559       41       F       250       77       4       290309       241009       BVB         15320       1300-1457       42,43W       N       250       70       7       230409       241009       AWR         15320       1300-1459       42,43W       N       250       70       7       230409       241009       AWR         15320       1300-1500       42,43W       N       250       70       1       230409       241009       AWR         15335       1500-1529       41N       W       250       75       1234567       290309       241009       AWR         15335       1530-1558       41       N       500       183       1234567       290309       241009       GFA         15370       1500-1558       41       N       500       15       1234567       290309       241009       GFA         15380       1430-1629       40       W       250       105       1234567       290309       241009       GFA         15435       1
119151030-105927W1003001234567290309241009PRW119151730-180037,38WW1002101234567290309241009AWR119350659-0757W250240234567290309241009RNW119350659-0800W2502401290309241009RNW119551700-175939N,40N2501131234567290309241009PRW119551500-152929,30N250877050409241009BVB119551500-154539,40N1001057290409241009BVB119701800-181539,40N10010535290409241009BVB119701800-185939,40N10010535290409241009BVB119701800-185939,40N1001051290409241009BVB119751330-142928NE,2W100601234567290309241009AWR119800700-083037,38WW1001234567290309241009AWR120400800-190048W25015017290309241009AWR121401530-173039,40J1001234567290309241009BVB135801625-171539,40 <td>15295       1500-1559       41       F       250       77       56       290309       241009       BVB         15295       1515-1559       41       F       250       77       4       290309       241009       BVB         15295       1530-1559       41       F       250       77       23       290309       241009       AWR         15320       1300-1457       42,43W       N       250       70       7       230409       241009       AWR         15320       1300-1500       42,43W       N       250       70       234567       290309       241009       AWR         15335       1530-1559       41       W       250       90       1234567       290309       241009       AWR         15335       1530-1558       41       W       250       90       1234567       290309       241009       GFA         15330       1330-1529       41NE,4       F       250       75       1234567       290309       241009       GFA         15330       1330-1529       41NE,4       F       250       75       1234567       290309       241009       GFA         15430</td>	15295       1500-1559       41       F       250       77       56       290309       241009       BVB         15295       1515-1559       41       F       250       77       4       290309       241009       BVB         15295       1530-1559       41       F       250       77       23       290309       241009       AWR         15320       1300-1457       42,43W       N       250       70       7       230409       241009       AWR         15320       1300-1500       42,43W       N       250       70       234567       290309       241009       AWR         15335       1530-1559       41       W       250       90       1234567       290309       241009       AWR         15335       1530-1558       41       W       250       90       1234567       290309       241009       GFA         15330       1330-1529       41NE,4       F       250       75       1234567       290309       241009       GFA         15330       1330-1529       41NE,4       F       250       75       1234567       290309       241009       GFA         15430
119151030-105927W1003001234567290309241009PRW119151730-180037,38WW1002101234567290309241009AWR119350659-0757W250240234567290309241009RNW119350659-0757W2502401290309241009RNW119350659-0757W2502401290309241009RNW119551500-175939N,40N2501131234567290309241009BVB119551530-154539,40N100451234567290309241009BVB119701800-181539,40N1001057290409241009BVB119701800-185939,40N10010535290409241009BVB119701800-185939,40N10010535290409241009BVB119701800-185939,40N1001051290409241009BVB119701800-185939,40N100105246290409241009BVB119701800-180037,38W1001001234567290309241009PRW119800700-080037,38W1001001234567290309241009BVB120100800-090037,3	15295       1500-1559       41       F       250       77       56       290309       241009       BVB         15295       1515-1559       41       F       250       77       4       290309       241009       BVB         15320       1300-1457       42,43W       N       250       70       7       230409       241009       AWR         15320       1300-1459       42,43W       N       250       70       7       230409       241009       AWR         15320       1300-1500       42,43W       N       250       70       234567       290309       241009       AWR         15335       1530-1559       41       W       250       90       1234567       290309       241009       AWR         15350       1230-1459       41       W       250       95       1234567       290309       241009       RW         15350       1230-1459       41       W       250       95       1234567       290309       241009       RW         15350       1330-1529       41NE,4       F       250       75       1234567       290309       241009       IBB         15430       <
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$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	15295       1500-1559       41       F       250       77       56       290309       241009       BVB         15295       1530-1559       41       F       250       77       4       290309       241009       BVB         15295       1530-1559       41       F       250       77       23       290309       241009       AWR         15320       1300-1457       42,43W       N       250       70       7       230409       241009       AWR         15320       1300-1500       42,43W       N       250       70       234567       290309       241009       AWR         15335       1550-1559       41N       W       250       90       1234567       290309       241009       AWR         15335       1530-1559       41       W       250       90       1234567       290309       241009       GFA         15335       1500-1558       41       N       500       1534567       290309       241009       JKB         15330       1630-1659       48       N       250       105       1234567       290309       241009       JKB         15435       1200-1300

List of Broadcasters which are using MEDIA BROADCAST technical equipment:

ADM Abu Dhabi Media Company

AWR Adventist World Radio

BVB High Adventure Gospel - Bible Voice Broadcasting

CHW Christliche Wissenschaft

CVC Christian Vision

DTK MEDIA BROADCAST (ex Deutsche Telekom)

DVB Democratic Voice of Burma EFD Ethiopeans For Democracy

ELF Eritrean Liberation Front

EMG Evangelische Missionsgemeinden in Deutschland

FEB Feba Radio UK GFA Gospel for Asia HCJ Voice of the Andes HLR Hamburger Lokalradio HRT Hrvratška Radio Televizija IBB International Broadcast Bureau IBR IBRA Radio Schweden LWF Lutheran World Federation MVB Mecklenburg-Vorpommern Baltic Radio MWA Missionswerk Arche

RTR Radio Traumland (Belgium) SBO Sagalee Bilisummaa Oromoo TOM The Overcomer Ministry TWR Trans World Radio VOR Voice of Russia WRN World Radio Network YFR WYFR Family Radio

Please send your inquiries and reception reports to: E-Mail: <QSL-Shortwave@media-broadcast.com> Internet: <http://www.media-broadcast.com/en/radio/kurzwelle.html> (M&B via mb, condensed and sorted by BC-DX TopNews May 19)

**GERMANY / SWITZERLAND -** Radio Reveils Paroles de Vie via Nauen heard April 30 on 15675 at 1840 in French, talk, pop music, identification and off 1845 UT.

(Jorge Freitas-BRA, via WDXC-UK Contact May 27)

This is now their only shortwave broadcast, Tuesdays and Thursdays 1830-1845. Their address is Chapons-des-Pres 4, 2022 Bevaix (NE), Switzerland. (Mike Barraclough-UK, WDXC-UK Contact May 27)

**GREENLAND** - 3815 USB, 2055-2110\* 28.05, KNR, Tasiilaq, Greenlandic talk, 2101 KNR news jingle, news in Danish, 2109 music and off, 15221. (Anker Petersen, under very poor ionospheric conditions here in Skovlunde, Denmark, on my AOR AR7030PLUS with 28 metres longwire, via Dario Monferini, playdx yg via DXLD)

GUAM - Frequency change of AWR KSDA Agat Guam in Chin/Karen: 1400-1500 NF 11965 SDA 100 kW / 285 deg to SEAs, ex 9560 (R BULGARIA DX MIX News, June 9)

Frequency changes of KTWR Agana Guam: 1230-1300 NF 9605 TWR 100 kW / 285 deg to SEAs, ex 9635 11-1130 Vietnamese 1230-1300 NF 9910 TWR 100 kW / 293 deg to SAs, x 11870 Kokboborok Mo-Fr 1330-1400 NF 9340 TWR 100 kW / 285 deg to SAs, x 12075 Assamese Mo-Fr (R BULGARIA DX MIX News, June 9)

**INDONESIA** - Wonder if any other RRIs are currently active on 60m? (gh, dxld)

Yes, there area a few. ... These are also being heard around 1100 UT: 4869.925, drifting to as high as .940 kHz: RRI Wamena (site presumed). Could possibly be Sorong drifting low. 4925.009, RRI Jambi

So, including Makassar, there's only three Indos on 60. Fak Fak [4790v] has been off for probably about two weeks now. There are a few Indos on 90/75 meters, 1100+ UT: 3325.000 RRI Palangkaraya (presumed site) under PNG. 3344.962, RRI Ternate, fair under PNG 3976.048, RRI Pontianak 3995.071, RRI Kendari. (David Sharp-NSW-AUS, dxld June 8)

1350 RRI Tarakan are loud and clear this evening on new 1350 kHz, including local news at 1100 UTC. They're only announcing their FM frequency, 97.9 MHz. (Alan Davies listening in Balikpapan, East Kalimantan-INS, Apr 11, ARC MV-Eko June 6)

(Alah Davies listening in Balikpapan, East Raimanan-ino, Api TT, ARC INV-ERO June O)

9524.96 Voice of Indonesia, at 1302-1336 UT on June 9 (Tue.). Ditto Glenn's reception today. In English; news; "Today in History"; "News and Events"; IDs. Usual Tue. segments from Banjarmasin, as first noted by Glenn. Gave their local FM frequency and phone number for listeners to contact them and request songs. Still with transmitter hum. (Ron Howard-CA-USA, dxld June 10)

**KURDISTAN [non] - IRAQ / CLANDESTINE -** Denge Mezopotamia heard on Friday 5 June from tune-in at 1937 to sign-off at 2000 11530 kHz with traditional Arabic songs and frequent IDs during last 5 minutes up to sign-off. Not listed at this time in EiBi, but shown in AOKI as scheduled 3 May-5 Sept. transmitter listed as being in Ukraine. (Alan Roe, Teddington, UK, June 6, DXLD)

**LITHUANIA -** IRIB Tehran via Sitkunai relay on June 12: New 5940 kHz channel via Sitkunai (ex 6180 kHz), Ge 1730, Fr 1830, En 1930-2027 UT.Still Spanish 6055 kHz at 2030-2127 UT. (wb, wwdxc BC-DX TopNews June 12)

**MADAGASCAR -** 5009.94, Radio Madagasikara, 0310-0340, June 6, local Afro-pop music. Local folk music. Malagasy talk. "Radio Madagasikara" ID at 0331. Poor in noisy conditions. Full AM mode (Brian Alexander, PA, DXLD)

**MAURITANIA** - 7245, R Mauritania, 1813, June 04, French & Arabic live report on arrival Senegalese president at Nouakchott airport, to sudden 1829 s/off. Running late as on June 03 when noted closing here 1823. Frequency is clear after co-channel Tajikistan s/off 1800. Seems

extended use of 41 mb channel rather than 4845 (Martien Groot, Schoorl, Netherlands, DXLD)

**NIGERIA** - New 4 x 4 dipole curtain array at a new shortwave station in Abuja, Nigeria. Bodo Fritsche, DL3OCH, at Abuja, Nigeria. Take a look here: <a href="http://www.qrz.com/detail/5N0OCH>">http://www.qrz.com/detail/5N0OCH></a>

A German amateur is setting up a new shortwave station in Nigeria and there is a photo of the new curtain antenna (Andrea Borgnino, Italy, IW0HK - HB9EMK, shortwavesites yg June 5 via BCDX June 6 via DXLD) <http://www.qrz.com/hampages/h/c/5n0och/antenna\_1.jpg>

I am in Nigeria to set up a new short wave radio station. I am QRV as often as work permits it on all bands (including 160m) mostly in CW but also some SSB and RTTY. So far I was active on 10m-160m in CW, RTTY, SSB, PSK31, JT65A. The conditions for the lowbands are very poor. I do have high QRM on 80m and 160m.

I will QSL all QSOs 100% via bureau and also direct but only via DL3OCH. (Bodo Fritsche, DL3OCH, at Abuja, Nigeria, May 23 via BCDX June)

**PALAU -** Thursday June 4 at 1218 as I tuned past 9930 I noted it was in Japanese, and they mentioned `KWHR`, which is the defunct Hawaii station of World Harvest Radio! Apparently this program is just as confused as WHR HQ in South Bend about which station really exists at the moment. Aoki listings show `Preparing for Jesus` is indeed scheduled, in Japanese since May 29, on Tuesdays and Thursdays at 1200-1300 from T8WH Koror, 100 kW at 345 degrees. Disregard the WHR schedule in DX Mix News which claims Sound of Hope in Chinese is on at this time. If it were, it would have been jammed. In fact, disregard the entire WHR schedule presented there, as much of it is imaginary (gh, DXLD)

PALAU / U.S.A - Updated summer A-09 schedule of World Harvest Radio from June 1:

WHRI Ange				
0100-0200			Mo-Fr	
0100-0200	-	7315	Sa/Su	
0200-0500	on	7315		
0500-1100	on	11565		
1100-1400	on	7315		
1400-1600	on	15195		
1600-1700	on	17520		
1700-1800	on	17520	Su-Fr	
1700-1800	on	9495	Sa	
1800-1900	on	17520		
				Tewahedo in Amharic 1900-2000 Mo
1900-2000	on	17520	Fr-Su Voice of	Biafra International in Igbo Fr
2000-2100	on	7520	Mo-Fr	
2000-2100	on	15665	Sa	
2000-2100	on	9495	Su	
2100-2300	on	11885		
2300-0100	on	7315		
WHRI Ange				
0000-0400	-	7385	o =	
0400-0500			Su-Fr	
0400-0500		9825		
0500-0600			Mo-Sa	
0500-0600		7365	Su	
0600-0700		7365		
0700-0800		7390		
0800-0900		11565	о., <b>Г</b> .,	
0900-1000		9425		
0900-1000		7465		in Common
1000-1200			Deutsche Welle	
1200-1300	on	9410	BBC in Spanish	110 - FT

1300-1600 on 9840 Sa/Su 1600-1700 on 9840 1700-1800 on 9840 Su-Fr 1700-1800 on 17520 Sa 1800-2000 on 9840 2000-2100 on 15665 2100-2200 on 15665 Mo-Sa 2100-2200 on 9690 Su 2200-2300 on 11885 Sa/Su 2200-2400 on 17820 Deutsche Welle in German Mo-Fr 2300-2400 on 9615 Sa/Su T8WH Angel 3 0700-1500 on 9930 Sound of Hope R.in Chinese 1200-1500 Mo-Fr 1500-1800 on 9905 Radio Free Asia in Chinese 1800-2200 on 9905 Radio Free Asia in Chinese 1900-2200 T8WH Angel 4 0100-0300 on 15710 0300-1200 on 15700 1200-1300 on 12130 Hoa-Mai Radio in Vietnamese 1200-1230 Tue/Thu/Sa 1300-1400 on 11685 Democratic Voice of Burma in Burmese 1400-2300 on 9965 Nippon no Kaze in Japanese 1530-1600 2300-0100 on 15550 Suaab Xaa Moo Zoo in Hmong 2330-2400 WHRA Angel 5 0000-0500 on 7385 0500-0700 on 7390 0700-1100 on 11565 1100-1300 on 7315 1300-1600 on 15195 Sat/Sun 1600-1900 on 17520 9840 Demitse Tewahedo in Amharic 1900-2000 Mo 1900-2000 on 2000-2100 on 15665 2100-2300 on 11885 2300-2400 on 9615 WHRI Angel 6 0700-1300 on 7385 1300-1400 on 11785 Sa/Su, Hmong Lao Radio in Lao Sa/Su 1400-1500 on 11785 Sa/Su, Hmong World Christian Radio in Lao 1400-1430 Sa 1500-1600 on 11785 Sa/Su 1600-2300 on 11785 2300-0700 on 5875 DXing With Cumbre: WHRI Angel 1 0130-0200 on 7315 Sa/Su 0330-0400 on 7315 Su/Mo 7315 Mo-Fr? 0430-0500 on WHRI Angel 2 0200-0230 on 7385 Su/Mo KWHR Angel 4 1400-1430 on 9965 Sa/Su 9965 Mo-Su? 1930-2000 on WHRA Angel 5 0130-0200 on 7385 Su 0330-0400 on 7385 Su/Mo 0430-0500 on 7385 Mo-Fr? WHRI Angel 6 1000-1030 on 7385 Su 1430-1500 on 11785 Su 1530-1600 on 11785 Sa/Su 1830-1900 on 11785 Sa (R BULGARIA DX MIX News, June 2)

**PERU** - 3329.53, Ondas del Huallaga, Huánuco seems there 1000 and 0000 most days, occasional good reception with noise reducing antenna and equipment. cf: Dallas Files [??]. CHU notched on NRD535D. [Wilkner]

5120.33, Ondas del Suroriente, Quillabamba with strong signal 0030 to 0050 on 5 June. [Wilkner]

5460.1, Radio Bolívar, Cd. Bolívar at 0030 on 5 June with weak signal, not noted 1000 to 1100 recently. [Wilkner]

6195.79, Radio Cusco, 1100 OM with ID as Radio Cusco, music, mentions de locations in Peru, 3 & amp; 4 June, 0000 also noted. [Wilkner]

(Bob Wilkner, Pompano Beach, Southeast Florida, NRD 535D ~ Drake R8, 7 June, DXLD)

5560.00, Radio El Sol, Tentative, 0011-0013 June 7, Caught a male in Spanish comments for a couple of minutes then the signal dropped off the air. It was poor and never returned (Chuck Bolland, Clewiston, Fla, Watkins Johnson HF1000, DXLD)

6195.84, Radio Cusco, 0025-0100, June 6, Spanish religious programming with talk & amp; Spanish religious music. Several IDs at 0057. Peruvian music at 0058. Poor. Weak in noisy conditions. Wiped out by Radio Prague 6200 at their 0100 sign on. Also had some QRM from possibly BBC on 6195. (Brian Alexander, PA, DXLD)

PHILIPPINES - Summer A-09 of Radio Veritas Asia Bengali 0030-0057 on 11945 PUG 250 kW / 280 deg to SAs 1400-1430 on 11870 PUG 250 kW / 300 deg to SAs Burmese 1130-1157 on 15450 PUG 250 kW / 280 deg to SEAs 2330-2357 on 9720 PUG 250 kW / 280 deg to SEAs Hindi 0030-0057 on 11710 PUG 250 kW / 280 deg to SAs 1330-1400 on 11870 PUG 250 kW / 280 deg to SAs Hmona 1200-1227 on 11935 PUG 250 kW / 280 deg to SEAs Kachin 1230-1257 on 15225 PUG 250 kW / 280 deg to SEAs 2330-2357 on 9645 PUG 250 kW / 280 deg to SEAs Karen 0000-0027 on 11935 PUG 250 kW / 280 deg to SEAs 1200-1230 on 15225 PUG 250 kW / 280 deg to SEAs Mandarin 1000-1157 on 9615 PUG 250 kW / 355 deg to SEAs 2100-2257 on 6115 PUG 250 kW / 350 deg to SEAs Filipino 9615 PUG 250 kW / 300 deg to ME 1500-1530 on Mo/Tue/Thu/Sa 1500-1600 on 9615 PUG 250 kW / 300 deg to ME Wed/Fr/Su 2300-2327 on 9720 PUG 250 kW / 331 deg to CAs Russian 0130-0227 on 17830 PUG 250 kW / 000 deg to FE 1500-1600 on 9570 PUG 250 kW / 331 deg to CAs Sinhala. 0000-0027 on 9865 PUG 250 kW / 280 deg to SAs 0000-0027 on 11730 PUG 250 kW / 280 deg to SAs 1330-1400 on 9520 PUG 250 kW / 280 deg to SAs Tamil 0030-0057 on 11935 PUG 250 kW / 280 deg to SAs

1400-1427 on 9520 PUG 250 kW / 280 deg to SAs Telugu 0100-0127 on 15530 PUG 250 kW / 280 deg to SAs 1430-1457 on 9585 PUG 250 kW / 280 deg to SAs Urdu 0100-0127 on 15280 PUG 250 kW / 300 deg to SAs 0100-0127 on 17860 PUG 250 kW / 300 deg to SAs 1430-1457 on 11870 PUG 250 kW / 300 deg to SAs Vietnamese 0130-0230 on 15530 PUG 250 kW / 280 deg to SEAs 1030-1127 on 11850 PUG 250 kW / 280 deg to SEAs 1300-1327 on 11850 PUG 250 kW / 280 deg to SEAs 1300-1327 on 11850 PUG 250 kW / 280 deg to SEAs 2330-2357 on 9670 PUG 250 kW / 280 deg to SEAs Zomi-Chin

0130-0200 on 15520 PUG 250 kW / 280 deg to SEAs (R BULGARIA DX MIX News, May 26)

**PRIDNESTROVYE** - Radio PMR is being received well at 2215 UT on 9665. VOR in English then takes over [2300], better than any of the transmissions beamed to Europe. (Chris Lewis, England, June 7, DXLD)

#### RWANDA / SINGAPORE / SRI LANKA / UAE / UK / USA -

Frequency changes of Deutsche Welle: 0300-0400 NF 7240 DHA 250 kW / 240 deg, ex 9790 to CAf in Swahili 0400-0530 NF 6180 SIN 250 kW / 150 deg, x 7430 to NCAf in English 0500-0530 NF 7430 RMP 500 kW / 180 deg, x 9440 to NCAf in English 1400-1600 NF 15510 RMP 500 kW / 062 deg, x15265 to RUSSIA in Russian 1600-1700 NF 11835 KIG 250 kW / 210 deg, x11625 to SAf in French 1900-1930 NF 13650 TRM 250 kW / 255 deg, x15620 to SAf in English 1930-2000 NF 13650 TRM 250 kW / 255 deg, x15620 to SAf in Portuguese 2000-2100 NF 13650 TRM 250 kW / 255 deg, x15205 to SAf in English 2200-2400 NF 9730 KIG 250 kW / 265 deg, x 9430 to CAm in German 2200-2400 NF 17820 HRI 250 kW / 152 deg, add.freq.to SAm in German, June 1 (R BULGARIA DX MIX News, May 26)

**SOUTH AFRICA /UAE / UZBEKISTAN -** Some VT Communications changes eff June 1: Somali Interactive Radio Instruction Program(x Mustaqbal) to EaAF in Somali 0545-0615 on 15200 UAE 250 kW / 225 deg, cancelled 0620-0650 on 15200 UAE 250 kW / 225 deg, cancelled

Voice of Free Radio to North Korea in Korean: 1600-1700 on 7520 TAC 100 kW / 060 deg, x1600-1630

RTE Radio One to SoAF in English: 1930-2030 NF 6225 RSA 100 kW / non-dir, x6220 (R BULGARIA DX MIX News, June 2)

**SUDAN -** 7200, SRTC, \*0228:30-0429\*, June 5, abruptly on with Qur`an. Arabic talk at 0240 with "Huna Omdurman" ID. Radio-drama at 0241. Local music. Time pips at 0300 & amp; possible news. Good (Brian Alexander, PA, DXLD)

Also observed in Cologne and near Munich that days past local midnight (we)

**TAIWAN** - The Voice of Kuanghua, via Kuanging, 9745. Received three QSL cards in the form of a jigsaw puzzle which when put together formed a map of Taiwan, received in 218 days; also schedules in Chinese for the Voice of Han, and the Voice of Kuanghua. Return postage was 2 IRCs. Address: Radio Voice of Han, Kuanghua. B Building; 5F No. 3, Hsin Yo Road, Sec 1. Tapei, Taiwan [spelling and punctuation sic] (Chris Stacey, Eastbourne, East Sussex, June BDXC-UK Communication via DXLD)

**THAILAND** - 15275, Radio Thailand, \*0000-0030, June 5, sign on with English ID announcements. "News Hour" program at 0001 with national and international news. Promo for Thailand retail attractions for tourists. Good signal

until 0029 when the signal abruptly dropped down to a threshold level due to switching of antenna beam heading from east coast of North America to the west coast of North America. (Brian Alexander, PA, DXLD)

**UAE -** Frequency change of TWR Africa via VT Communications: 1800-1845 NF 5940 UAE 250 kW / 225 deg to EAf, x9895 as follows: 1800-1815 in Tigrinya Mo-Wed 1800-1815 in Amharic Thu/Fr 1800-1830 in Tigre Sa 1800-1830 in Kunama Su 1815-1845 in Tigrinya Mo-Fr 1830-1845 in Amharic Su (R BULGARIA DX MIX News, May 26)

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U.S.A. - Summer A-09 of WEWN Global Catholic Radio:
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English 0000-0900 on 11520 EWN 250 kW / 085 deg to WeAf 0900-1200 on 11640 EWN 250 kW / 355 deg to SEAs 1200-1500 on 11530 EWN 250 kW / 355 deg to SEAs 1500-1700 on 15610 EWN 250 kW / 040 deg to WeEu 1700-2000 on 15610 EWN 250 kW / 040 deg to NoAm 2000-2400 on 15610 EWN 250 kW / 040 deg to N/ME Spanish 0100-1100 on 11870 EWN 250 kW / 155 deg to SoAm 1100-1500 on 12050 EWN 250 kW / 155 deg to SoAm 1500-1700 on 11520 EWN 250 kW / 155 deg to SoAm 1700-0100 on 17510 EWN 250 kW / 155 deg to SoAm 7555 EWN 250 kW / 220 deg to CeAm 0500-1300 on 1300-2200 on 11550 EWN 250 kW / 220 deg to CeAm 2200-0500 on 5810 EWN 250 kW / 220 deg to CeAm (R BULGARIA DX MIX News, June 2)

Frequency changes of WYFR Family Radio from June 1: 2100-0100 NF 6915 YFR 100 kW / 160 deg, ex 15215 in Spanish 2200-0100 NF 7520 YFR 100 kW / 142 deg, ex 15190 in Portuguese 0100-0345 NF 11550 YFR 100 kW / 142 deg, ex 15190 in Portuguese 0200-0400 NF 9385 YFR 100 kW / 222 deg, ex 11855 in English/Spanish 2300-0245 NF 11530 YFR 100 kW / 160 deg, ex 17845 in Sp/Sp/Port/Sp 2300-0245 NF 11580 YFR 100 kW / 160 deg, ex 17750 in En/Port/Sp (R BULGARIA DX MIX News, June 9)

Brother Scare check, Sabbath June 6 at 1421: on three stations-frequencies, WBCQ-15420, WWRB-9385 and WINB-9265v -- - same kind of music, organish, but NOT //, far out of synch due to different feed routes (satellite/internet/telephone?). The medley went into ``Holy3`` at 1455 on 9385, at 1457 on 9265.

15420 is available to WBCQ between 12 and 23 UT, but on other days of the week per <http://schedule.wbcq.com/main.php?fn=sked&amp;freq=15420> it opens at 1700, and in fact the early start on Saturdays for B.S. is never shown. On Saturdays only(?) WINB stays on 9265 late for B.S. rather than switching to its midday frequency 13570. WWRB of course has him on 9385 plus spurs, harmonix, every day, all day. Non-synchronized music still running at 1502 on all three, with audio dropouts. This was the musical prlude to TOM Sabbath service, so never heard B.S. at all, tsk3 (gh, DXLD)

#### U.S.A. [non] - VOA EXPANDS BROADCASTING TO WAR-TORN PAKISTAN BORDER REGION

Washington, D.C., June 3, 2009 – Deewa Radio, the Voice of America's (VOA) popular Pashto service broadcast to the war-torn Pakistan-Afghanistan border region, is expanding to nine hours daily starting Saturday, June 6, 2009.

"The time is right to add three more hours to Deewa's original programming," said Steve Redisch, VOA's executive editor. "Deewa is often the only source of accurate news and information for the millions of people living in Pakistan's Northwest Frontier Province (NWFP) and elsewhere. They rely on us daily for basic information."

Created in October 2006, Deewa is aimed at an estimated 40 million Pashto-speaking people in Pakistan and neighboring Afghanistan, including the NWFP where some 2.5 million people have been displaced as Pakistani military battle Taliban fighters. Deewa also reaches Pakistan's Federally Administered Tribal Areas (FATA) and Balochistan.

"Deewa is full of information," said Syed Inam Rahman of the Centre for Media and Communications, International Islamic University of Islamabad, Pakistan. Rahman estimated the majority of people in Charsadda and Peshawar districts listened to Deewa regularly.

The newest block of programs will focus on news and current affairs, including regional and international news, reports from a network of more than 20 local free-lance journalists, segments on Muslims in America and on youth, a world press round-up and interviews with significant personalities.

The second hour will be a topical call-in show featuring a wide variety of issues affecting those in the targeted region. The final hour will be a repeat of the previous day's morning call-in show, until July 4, when it will become a live news and current affairs program.

Deewa Radio is distributed on shortwave, FM, and by the Internet at <http://www.VOANews.com/Deewa> (VOA press release June 5 via DXLD)

WTFK?! A press release took two days, as usual without the necessary details of times and frequencies so anyone could actually HEAR the subject of the item. This is considered only PR for the non-listener!

The Deewa Radio website schedule, <http://www.voanews.com/deewa/schedule.cfm> in script but the numbers altho backward are pretty clear:

 1300-1500
 7455
 9565
 11510

 1500-1600
 7455
 5835
 11510

 1600-1700
 7455
 5835
 9310

 1700-1900
 7455
 5835
 9310

people routinely call in to Deewa during shows.

The original times must be UT, because in the text at the left of each entry pm times are given which are 5 hours later, and in parentheses 4.5 hours later, i.e. Pakistan when it was on standard time, and Afghanistan, respectively.

Deewa was faced with whether to shift the real timing of the broadcasts one hour earlier due to DST in Pak, or leave them the same due to no DST in Afghanistan. We see which one won out.

But that only covers six hours, so the new ones are missing, less than a day before their dbut. While the A-Z schedule <a href="http://www.voanews.com/english/about/frequenciesAtoZ\_d.cfm">http://www.voanews.com/english/about/frequenciesAtoZ\_d.cfm</a>> shows 1200-1800 on 7495 9310 9380 9780 --- simple as that.

Well, which is (was) it, 13-19 or 12-18 UT? Probably the latter due to DST in Pakistan of UT +6 shifting everything one hour earlier, but notice that only ONE of the frequencies, 9310, matches in the two versions. Why hasn't Deewa's own website in Pashto been kept accurate? They are running off any would-be listeners who may be trying to consult it.

WRTH A-09 update agrees with 12-18, on the same quartet of frequencies but breaks down all the site shuffling that goes on during these four sesquihours:

BBG – VOA DEEWA RADIO (Gov) kHz: 7495, 9310, 9380, 9780 Summer Schedule 2009 Pashto Days Area kHz 1200-1230 daily WAs 9310/KWT 1200-1500 daily WAs 9780/Ira 7495/Ira, 9380/TH 1200-1800 daily WAs 1230-1300 daily WAs 9310/TH 1300-1700 daily WAs 9310/Ira 1500-1700 daily WAs 9780/TH 9310/KWT, 9780/W 1700-1800 daily WAs

The press release refers to adding a repeat of the morning call-in show. You may notice that there has been NO morning broadcast --- on SW, so was it on FM only? Is that 100.5 only, from where and does it cover the entire area? We are still left wondering just when the additional three hours will be appearing, before 1200 or after 1800? Local morning might make more sense. And whether they will be on SW, and if so, WTFK? (gh, DXLD)

Glenn: Thanks. I'm sure a memo went around with the actual times and frequencies but, as the only IBB employee specifically prohibited from receiving any frequency information, I can't help. I suspect the frequency schedule at

voanews.com won't be updated until after the weekend, at the earliest. Anyone who wants to listen to the expanded Deewa broadcast is strictly on his/her own. 73 (Kim Elliott)

VOA DEEWA Radio in Pashtun: 1200-1300 9780/IRA 340 1200-1300 9380/TH 311 9310/KWT 070 1200-1230 7495/IRA 340 1200-1300 9310/TH 300 1230-1300 1300-1500 9780/IRA 340 1300-1800 9380/TH 311 1300-1700 9310/IRA 334 1300-1800 7495/IRA 340 1500-1700 9780/UD0 300 1700-1800 9780/W 090 1700-1800 9310/KWT 078 ADDITIONAL transmissions from UT June 7: 0000-0230 12015/KWT 078 0000-0100 11535/KWT 078 0000-0230 9380/IRA 334 0100-0200 11535/IRA 332 0200-0300 11535/TH 300 297 0230-0300 12015/TH 0230-0300 9380/IRA 332 (via Dragan Lekic, Serbia, dxldyg via DXLD)

**WESTERN SAHARA [non]** - R. Nacional de la RASD with good signal on 6300 as late as 0625 June 5 with local music and announcements, a pleasant way to end the day here as the day starts there (gh, DXLD)

**ZANZIBAR -** R. Tanzania Zanzibar is no more relaying the English news from "Spice FM". They are coming now from the own house from "Voice of Tanzania, Zanzibar" as it is announced. The time is 1800- 810. I observed the English news on Monday, Tuesday, Wednesday, Friday and Sunday. There were no English news broadcasted on Thursday and Saturday (Erich, wwdxc BC-DX TopNews June 5)

**ZIMBABWE** - 3396 ZBC, Guinea-fowl, 2051-2106, 29 May, Vernacular, Afr. songs, talks at 2100, presumably some newscast; 25241, vy. modest as compared to other occasions. (Carlos Goncalves-POR, wwdxc BC-DX TopNews May 31)

**ZIMBABWE [non]** - via Madagascar, 9895, Radio Voice of the People, \*0400-0455\*, June 6, sign on with Afropop music & amp; opening multi-lingual ID announcements. Vernacular talk at 0402. Short breaks of African music. Many IDs. Vernacular/English mix at 0435. Into English at 0440 with preview of upcoming programming. English news at 0441 about human rights violations in Zimbabwe. IDs and contact information at 0453. Good signal (Brian Alexander, PA, DXLD)

Editor's info desk was closed on June 14th, 2009, at 1600 UTC.

Please also see our website for lists of broadcasts in German and English, updated regularly.

## **Sources & Contributors:**

A-DX e-mail exchange - Austria.
Alokesh Gupta - India.
BCDX News Bulletin by Wolfgang W. Bueschel (wb) - Germany.
CONEXION CONEXION Digital - Buenos Aires, Argentina.
DXLD Glenn Hauser's DX LISTENING DIGEST - USA.
Dr. Hans-Jörg Biener (hjb) - Nuernberg, Germany.
DX MIX Fortnightly edition of Radio Bulgaria's Frequency Management.
RNMN R. Netherlands Media Network ©.

Others as stated in contribution.

## **Abbreviations:**

with name of station: BC / bc = Broadcaster, Int. = International, R = Radio, tx = Transmitter, Vo = Voice of, QRG = frequency

#### Location of transmitters with frequency:

AI = Aligarh/India, ALB = Albany, ANT = Neth. Antilles, Arm = Armavir/RUS, Ban = Bangalore, Be = Beijing/China, BI = Biblis/Germany, BIH = Bosnia-Herzegowina, BLR = Byelorus, BOT = Botswana, Br =Brandon/Aus, CAN = Sackville/Canada, CHN = China, CLN = Sri Lanka, CTR = Costa Rica, CYP = Cyprus, Du = Dushanbe/TJK, Dw = Darwin/Aus, ERV = Erivan/Armenia, F = Issoudun/France, FI = Florida/USA, GAB = Gabun, GUF = French Guyana, HAB = Habana/Cuba, Ho = Hohhot/CHN, HRI= WHRI Cypress Creek/USA, IK = Irkutsk/ Siberia, J = Juelich, Jin = Jinhua, Kash = Kashgar/CHN, Ka = Kingsway (Delhi), Kh = Khampur (Delhi), Kom = Koms-na-Amur, KOR = (South) Korea, Kra = Krasnodar, Kun = Kunming /CHN, Ku = Kununurra/Aus, KWT = Kuwait, LH = Lampertheim/DL, M = Moscow /Taldom, MCO = Monaco, MDG = Madagascar, MRA = Northern Marianas, N = Nauen, Nn = Nanning/CHN, NOR = Kvitsoy /Norway, Pan = Panaji/India, Pet = Petropavlovsk/ Sibiria, POR = Portugal, Qi = Qiqihar/ CHN, Ram = Rampisham/GB, RRW = Ruanda, RSA = Meyerton /South Africa, RUS = Russia incl. Sibiria, Sam = Samara, SEY = Seychelles, Sh = Shepparton/Aus, Sim = Simferopol, Sk = Skelton/GB, SNG = Singapur, ST = Sao Tomé, STP = St. Petersburg/RUS, SVK = Slovakia, SW = Sweden, SWZ = Swaziland, Sz = Shijiazhung/CHN, TH = Nakhon Sawan/ Thailand, TWN = Taiwan, UAE = AI Dubbaya /United Arab Emirates, UKR = Ukraine, Ur = Urumchi/CHN, VIa = Vladivostok, W = Wertachtal/Germany, Wof = Woofferton /GB, Xi = Xian/CHN, Ya = Yamata/Japan.

Mostly within round brackets target areas as known: Af = Africa, Am -= America, As = Asien, Aus = Australien; Eu = Europe, ME = Middle East, Pac = Pacific Region; C = Central, E = East, N = North, S = South, W = West

Languages:

Ar Arabic - Ch Chinese - Du Dutch - E, En English - F French - G, Ge German - Gr Greek - I Italian - J Japanese - K Korean - P Portuguese - R Russian - Sp Spanish - Turk Turkish

Technical hint with frequency (QRG): (\*) = Digital Radio broadcast (DRM) v = variable /USB = upper sideband, /LSB = lower sideband, (QRG) = alternative frequency

## **Editor:**

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email: <we@wwdxc.de> or <we@kwrs.de>
used equipment:
Receiver: communications receiver ICOM IC-R70 (no modification)
Antennas: Hamtronic HT504 selective active antenna, in roof window ca. 15 m above ground DX-One Professional (only nighttimes)
Location: Herzogenaurach / Germany; 49.567/10.917; 310 m NN

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# **DX LOGBOOK** Logs around the clock

by Ashok Kumar Bose, Unit # 28, 7035, Rexwood Road, Mississauga, ON, L4T 4M6, Canada E-Mail: logbook@wwdxc.de

#### MEDIUMWAVE BAND

Frequency	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
621.0	0600	211	G	Lighthouse,Sodbury	English	BBC World Service	1605	MF
693.0	0550	111	G	People of Wales, Newport	English	Camping	1605	MF
774.0	0450	222	G	Premier, Guildford	English	Farmers	0205	MF
792.0	0315	111	G	Heartbeat of Wales,Swansea	English	Swansea Hit Radio	1105	MF
837.0	0540	121	G	Premier Gold ,Wrexham	English	Industry	1605	MF
927.0	0530	111	G	United Premier, Cardiff	English	Wales Sports News	0905	MF
963.0	2000	443	FIN	CRI via Pori	German	ID; ann; NX; rpts	1704	SG
1035.0	0430	111	G	United Christian,Plymouth	English	Program	0705	MF
1044.0	0500	111	D	Classic Premier, Plymouth	English	Football Playground	0905	MF
1062.0	0500	111	G	Voice Gold, Swansea	English	Automobile	1605	MF
1107.0	0550	211	G	South East Premier,Dover	English	Voice of South East	0105	MF
1152.0	0300	111	G	BBC Premier Live,Guildford	English	Classic Hit Radio	1105	MF
1161.0	2020	211	G	South East,Farnborough	English	Farnborough Gold	0605	MF
1170.0	1910	321	BLR	Voice of Belarus, Minsk	German	Economics	1505	MF
1179.0	0630	221	G	South East Premier,Harwich	English	Broadcasting House	0105	MF
1197.0	0520	111	G	Classic Hit,Orkney	English	Scotland Camping Guide	1605	MF
1215.0	1600	443	KAL	Stimme Russlands	German	ID; NX; akt. Thema	0604	SG
1215.0	1800	333	G	Virgin	English	World Premiere	1505	MF
1251.0	2000	121	G	South East Premier,Brighton	English	Torist Tips	0605	MF
1278.0	1140	111	G	United Christian,Caversham	English	Jesus	0805	MF
1323.0	1600	444	D	Stimme,Russlands	German	ID; NX; akt. Thema	0604	SG
1359.0	1940	211	G	Christian Premier,Nottingham	English	Nottingham Citizen	0605	MF
1431.0	1900	211	G	Sunrise,Dunferm	English	Castle Garden	1505	MF
1440.0	1900	444	LUX	CRI via RTL	German	ID,NX; HBF; GebGrüsse	1604	SG
1449.0	2010	211	G	Countryside,Orkney	English	Weather	1505	MF
1458.0	1850	333	G	Sunrise,London	English	India Folk	1505	SG
1458.0	1800	443	ALB	Radio Tirana	German	IS,ID,Nws,Press	0504	SG
1485.0	0520	211	G	Christian Premier,Stirling	English	Stirling News	0205	MF
1503.0	0320	111	G	Voice of Shetland, Dundee	English	Friendship	1505	MF
1521.0	1830	111	G	Tay Gold,Edinburgh	English	Football FA Cup	1505	MF
1530.0	0420	444	CVA	Radio Vatican	German	IS,ID,News,Reports	0704	SG
1530.0	1920	111	G	Sunrise,Dumfries	English	Sunday Church	1501	MF
1548.0	0305	444	G	Capitol Gold	English	staying alive; Jingle-ID	1004	SG
1548.0	0400	111	G	Classic Sound, Aberdeen	English	Scotland Affairs	1505	SG
1584.0	0310	111	G	North West Sound, Shetland	English	Swedish Frienship week	1505	MF
1602.0	1840	211	G	Scotland Premier	English	Popcellas	1505	MF

## **SHORTWAVE BANDS**

Frequency	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
3915,0	2115	343		BBC-Relay	English	rpt human rights; ID	1804	SG
3955,0	2000	554	G	KBS-WR via Skelton	German	ID,NX; Hörerecke	1804	SG

3965,0	2100	555	F	RTI via Issoudun	German	ID; NX; rpt Wehrpflicht	0804	SG
3975,0	2100	454	HNG	Radio Budapest	Hungary	ID; ann; NX; rpts	0404	SG
4005,0	1820	443	CVA	Radio Vatikan	German	IS; ID; Franziskus	1504	SG
4005,0	0420	444	CVA	Radio Vatikan	German	IS; ID; Franziskus	1604	SG
4005,0	2210	444	CVA	Radio Vatikan	German	IS; ID; NX; Prisma	1704	SG
5810,0	1500	444	MRA	RFA via IBB-Tinian	Korean	ID in E; ann; NX; rpts	0604	SG
5885,0	1400	343	CVA	Radio Vatikan	German	IS; ID; Treffpunkt Weltkirche	1504	SG
5885,0	1830	454	CVA	Radio Vatikan	German	Papst wird 82; ID	1504	SG
5900,0	1930	454	BUL	Radio Bulgarien	German	ID; Portrait; Postecke; DX	1404	SG
5920,0	1330	554	SVK	RSI	German	ID; RdW; HBF; DX // 6055	1904	SG
5930,0	0630	444	CZE	Radio Prag	German	IS,ID,NX; rpt Geschichte	2004	SG
				•		-		
5930,0	1500	554	CZE	Radio Prag	German	ID; NX; Tagesecho	2004	SG
5945,0	1530	554	D	Polskie Radio	German	ID; Osterbräuche; Presse	1304	SG
5965,0	1130	454	D	Polskie Radio	German	ID,ann; NX; HBF // 5975	1204	SG
5970,0	1600	554	ALB	CRI via Cerrik	German	IS; ID; ann; NX; akt. Zeitg.	1604	SG
5975,0	1130	454	D	Polskie Radio	German	ID,ann; NX; HBF  // 5965	1204	SG
,6000,0	0315	444	CUB	RHC	English	ID; rpt Obama; ID; popmx	1004	SG
6005,0	1710	242	SEY	BBC-Relay	English	ID; rpt from Islamabad	1604	SG
6015,0	1730	444	D	HCJB via Jülich	German	ID; Für DXer	1804	SG
6035,0	0945	454	F	RNW via Issoudun	Dutch	Pop; ID; WX Europa // 6120	1304	SG
6055,0	1000	454	CZE	Radio Prag	German	IS,ID, NX; Spaziergang	1904	SG
6055,0	1200	554	CZE	Radio Prag	German	ID,NX, Kultursalon  // 7345	1904	SG
6055,0	1330	554	SVK	RSI	German	ID; RdW; HBF; DX // 5920	2903	SG
6055,0	2130	343	LTU	KBC via Sitkunai	English	IS; ID; mighty KBC	1804	SG
6075,0	0215	454	POR	DW-Sines	German	ID; rpt Wirtschaft  // 7310	1004	SG
6080,0	2120	333	STP	VoA-Relay	English	phone-talks; ID; popmusic	1804	SG
6100,0	1958	454	BIH	Internat. Radio Serbien	German	IS; ID; ann; NX; cmt	0604	SG
6100,0	2000	454	BIH	Internat. Radio Serbien	German	IS; ID; NX; Popflash	1404	SG
6120,0	0945	343	D	RNW via Wertachtal	Dutch	Pop; ID; WX Europa // 6035	1304	SG
6140,0	1800	454	D	Polskie Radio	Polish	ID; ann; NX; rpts	0604	SG
6145,0	1758	443	ALB	Radio Tirana	Serbian	IS, ID, ann; NX; press	0604	SG
6155,0	1205	454	AUT	0 1 International	German	ID; rpt Gerichtsbarkeit	0304	SG
6180,0	1728	555	LTU	IRIB	German	IS,ID,Koran;NX;cmt;HBF	1904	SG
6185,0	1900	555	G	RTI via Skelton	German	ID;NX; Kulturpanorama; HBF	0304	SG
6255,0	1900	444	EGY	Radio Kairo	German	WX; Philatelistenecke	1104	SG
6255,0	1900	343	EGY	Radio Kairo	German	ID;ann; WX; Musik; HBF	2903	SG
7165,0	1600	343	ETH	Radio Ethiopia	English	IS; ID as Ext. Sce; review; NX	2004	SG
7240,0	0500	454	POR	RDP Internacional	Portuguese	ID,ann; NX; rpts	0304	SG
7250,0	1400	554	CVA	Radio Vatikan	German	IS; ID; Nachrichten	1904	SG
7255,0	1800	554	BLR	Radio Belarus	German	IS;ID; Ökotourismus; HBF	0404	SG
7275,0	1600	344	KOR	KBS-WorldRadio	Korean	ID, ann; news; cmt	0104	SG
7280,0	1610	443	VTN	Voice of Vietnam	English	ID; World News // 9730	2004	SG
7305,0	0228	454	CVA	Radio Vatikan	French	IS, ID, ann; NX; rpts	1004	SG
7310,0	0215	343	G	DW via Rampisham	German	ID; rpt Wirtschaft  // 6075	1004	SG
7320,0	1900	554	RUS	WYFR via Samara	German	IS,ID,ann; rel. Progr	1804	SG
7320,0	2027	454	CHN	CRI	French	IS; ID; ann; NX  // 9430	0304	SG
7330,0	1600	454	KAL	Stimme Russlands	German	ID; NX; akt. Thema	1004	SG
7345,0	1200	343	CZE	Radio Prag	German	ID,NX, Tagesecho  // 6055	2104	SG
7380,0	1700	555	ALB	CRI via Cerrik	German	ID; NX; HBF; Musikprogram	1604	SG
7395,0	1800	543	CHN	CRI			1904	SG
					German	IS,ID,NX; HBF: Tibet		
7430,0	1700	554	ALB	Radio Tirana	Italian	IS, ID, ann; NX; press	0604	SG
7430,0	1728	554	ALB	Radio Tirana	French	IS, ID, ann; NX; press	0604	SG
7430,0	1845	443	ALB	Radio Tirana	English	IS, ID, ann; NX; press	0604	SG
7430,0	1901	444	ALB	Radio Tirana	Italian	IS, ID, ann; NX; press	0604	SG
7435,0	1800	454	CHN	CRI	Italian	IS, ID, ann; NX; rpts	0504	SG
7455,0	1500	444	MRA	RFA via IBB-Tinian	Korean	ID in E; ann; NX; rpts // 5810	0604	SG
7465,0	1901	554	ALB	Radio Tirana	French	ID,ann;NX; culturelle; sports	0604	SG
7465,0	1929	554	ALB	Radio Tirana	German	IS, ID, ann; NX; press	0604	SG
7465,0	1929	454	ALB	Radio Tirana	German	IS; ID; ann; NX; Mosaik	1104	SG
, 100,0	1020	101			Gorman		тот	00

7465,0	1930	454	ALB	Radio Tirana	German	IS, ID, ann; NX	0104	SG
7465,0	1945	555	ALB	Radio Tirana	German	NATO-Mitgliedschaft; ID	0304	SG
						<b>e</b>		
7465,0	2000	454	ALB	Radio Tirana	English	IS,ID,ann;NX; press	0604	SG
7490,0	1700	444	UKR	RUI	German	IS,ID, Widerhall; HBF	2903	SG
7510,0	2000	444	UKR	RUI	German	ID; HBF Treffpunkt Kiew	1904	SG
7850,0	0250	243	CAN	СНИ	E/F	Time signals; Ids; TAs;	1004	SG
9325,0	1900	444	KRE	Stimme Koreas	German	IS,NA; ID; NX	0504	SG
9330,0	1800	444	SYR	Radio Damaskus	German	ID; Vorschau; MX; NX; cmt	2903	SG
9330,0	1800	444	SYR	Radio Damaskus	German	starkes Signal, null Modulation	1504	SG
9430,0	1930	443	G	Stimme Vietnams	German	ID;NX; cmt; MX	2903	SG
9430,0	2000	443	G	Stimme Vietnams	German	ID;NX;WX; Wirtschaft; Reise	0304	SG
9430,0	2000	555	ALB	CRI via Cerrik			0304	SG
					French	IS; ID; ann; NX // 7320		
9430,0	2228	454	RRW	DW-Kigali	German	Wirtschaft; ID; Focus Europa	1004	SG
9470,0	1325	343	RUS	Radio Rossii	Russian	klass. Musik; ID	0804	SG
9515,0	1600	444	KOR	KBS-WorldRadio	English	IS,ID,ann; News	3003	SG
9525,0	1830	444	INS	Stimme Indonesiens	German	ID; ann alle 3 qrg; NX	0604	SG
9545,0	2110	554	POR	DW-Sines	German	Obama atomwaffenfreie Welt	0304	SG
9600,0	0530	454	BUL	Radio Bulgarien	German	IS,ID,ann; NX; HBF // 11600	0204	SG
9625,0	1615	444	SNG	BBC-Relay	English	rpt on childs; ID	2004	SG
9645,0	1400	454	CVA	Radio Vatikan	German	IS,ID,Treffpunkt Weltkirche	1504	SG
9650,0	2058	554	Е	REE	English	IS;opening; ID; rpts	1804	SG
9665,0	1830	554	E	REE	Spanish	ID; ann; futbol	1104	SG
				REE				
9665,0	1900	554	E		English	IS,ID,NX;Pop; Radio Corner	2004	SG
9665,0	2230	343	MDA	Radio PMR	French	IS; ID; ann; NX	1404	SG
9665,0	2245	344	MDA	Radio PMR	German	IS; ID; ann; NX	1405	SG
9675,0	1200	554	ROU	RRI	German	IS,ID,ann;NX; rpt	2104	SG
9680,0	2000	454	THA	Radio Thailand	German	IS; ID; ann; NX	1404	SG
9705,0	1700	444	KOR	KBS-WorldRadio	Korean		3003	SG
						ID, ann; news; cmt		
9730,0	1610	443	VTN	Voice of Vietnam	English	ID; world News // 7280	2004	SG
9735,0	1845	454	G	DW via Wofferton	German	ID; rpt Studenten	1104	SG
9740,0	2158	343	SNG	BBC-Relay	English	IS; adv; TS; TA; headlines,NX	1804	SG
9780,0	0230	243	EQA	Radio HCJB	German	ID Axel Jeroma; NX; WX	1004	SG
9790,0	1159	232	D	NHK-W-RJ-Relay	English	IS; ID; ann; NX	0304	SG
9820,0	1945	454	POR	RDP Internacional	-		0604	SG
					Portuguese	Extra bc futbol; ID		
9820,0	2059	554	CHN	China Business Radio	Ch/E	IS;Ids;NA; Ids in Ch und E	0304	SG
9825,0	0220	131	POR	DW-Sines	German	rpt Erdbeben Italien; ID	1004	SG
9830,0	2214	343	TUR	Voice of Turkey	English	DX-Corner: AWR-Contest	1804	SG
9840,0	1855	354	D	Radio Svoboda via Biblis	Russian	ID-Schleife in E; ID; NX	1104	SG
0075.0	0110	000	עחס		Cormon	ID. mt Ohama // OF/F	0204	60
9875,0	2110	232	RRW	DW-Kigali	German	ID; rpt Obama // 9545	0304	SG
9880,0	1000	222	CZE	Radio Prag	German	IS,ID,NX; Radiofeulleton	1204	SG
9940,0	1730	444	IRN	IRIB	German	IS,ID,Koran;NX;cmt;HBF	1904	SG
11550,0	1130	454	UKR	RUI	English	Literature; ID; history	0304	SG
11600,0	0530	454	BUL	Radio Bulgarien	German	IS,ID,NX; HBF; DX // 9600	0204	SG
11645,0	0900	454	GRC	Radio Filia	German	ID; NX; WX; rpt; MX	1904	SG
						-		
11675,0	1530	454	CHN	RCI-Relay	English	talks; ID; sports	2004	SG
11700,0	1030	454	BUL	Radio Bulgarien	German	IS,ID,ann; NX; Folklore	0304	SG
11700,0	1630	554	POR	Radio Prag via Sines	German	ID; NX; SS Obama	0604	SG
11730,0	1515	454	AUS	CVC	English	ID; popmusic; Jingle-ID	2004	SG
11760,0	2110	333	CUB	RHC	English	ID; DX unlimited by Arnie Coro	1804	SG
					-	-		
11775,0	1140	454	ROU	RRI	English	ID; letterbox	0304	SG
11775,0	1830	543	CHN	CRI	German	ID; Musikprogramm	1904	SG
11835,0	1710	454	AFS	VoA-Relay	English	ID; rpt from Zambia	2004	SG
11835,0	1730	555	TUR	Stimme der Türkei	German	IS;ID;NX; DX-Ecke: OE100M	1804	SG
11840,0	2215	454	AUS	Radio Australia Darwin	English	rpt shareholder value; ID	1404	SG
11850,0	0645	554	POR	RDP Internacional	Portuguese	ID,ann; music; NX; rpts	0304	SG
					-			
11850,0	1625	444	UAE	WYFR	English	bible; ID	2004	SG
11865,0	2215	454	POR	DW-Sines	German	ID; rpt Islamunterricht	1004	SG

11875,0	1220	554	ROU	RRI	German	ID; HBF: Deportation // 15220	2903	SG
		554	POR			-	1204	SG
11905,0	1600			RDP Internacional	Portuguese	ID, ann; NX; rpts		
11955,0	2110	454	AUT	AWR-Moosbrunn	English	adr; male chorus; ID	1704	SG
11955,0	2200	444	PHL	VoA-Relay	English	ID; news-rpts	1404	SG
12010,0	1615	454	RUS	Stimme Russlands	German	ID; Erzählung	1004	SG
12020,0	0800	554	POR	RDP Internacional	Portuguese	ID,ann; NX; rpts	2204	SG
					•	· · · · ·		
12055,0	2130	444	ASC	WYFR via Ascension	English	ID; adr; creation moment	1404	SG
12070,0	0500	554	RUS	Radio Rossii	Russian	ID,ann;NX; talks	0804	SG
12080,0	1630	343	BOT	VoA-Relay	English	ID; special E bc; // 13570	2004	SG
12160,0	2150	454	USA	WWCR	English	bible; ID; c/d 22:00	1404	SG
,					-			
13570,0	1630	444	MDG	VoA-Relay	English	ID; special E bc; // 12080	2004	SG
13635,0	1300	343	AUS	CVC	English	ID, ann; popmusic	0704	SG
13640,0	1845	343	ALB	Radio Tirana	English	IS, ID, ann; NX; press	0604	SG
13650,0	1110	554	ALB	CRI via Cerrik	English	ID,ann; China drive program	0304	SG
13665,0	1200	554	RUS	Radio Rossii	Russian	ID,ann;NX; talks	0804	SG
13670,0	1300	454	CHN	CRI	Chinese	IS, ID, ann; feature	0804	SG
13720,0	1050	454	E	REE	Spanish	popmusic; ann; ID	0204	SG
13730,0	2100	422	NZL	RNZI	English	ID; NX; ann; rpts	1704	SG
13760,0	1130	554	TUR	Stimme der Türkei	German	ID;NX; Türkei live	0204	SG
13760,0	1130	554	TUR	Stimme der Türkei	German	IS;ID;NX; NATO; DX-Ecke	0404	SG
13790,0	1200	454	CHN	CRI	English	ID; ann; NX; rpts	1604	SG
13830,0	1100	342	TJK	RFA via Dushanbe	Tibetan	ID; ann; political rpts	0204	SG
13840,0	1620	343	F	RTI via Issoudun	English	ID; adr; medical care	2004	SG
15085,0	0730	444	IRN	IRIB	German	IS,ID,Koran;NX;cmt; Frauen	1804	SG
15085,0	1730	343	IRN	IRIB	German	IS,ID,Koran;NX;cmt;HBF	1204	SG
15120,0	2040	444	NIG	Voice of Nigeria	English	ID; rpt agriculture	0304	SG
15130,0	0830	343	D	Radio Svoboda via Biblis	Russian	ID; rpt Narkotika	1304	SG
15145,0	1100	243	CLN	RFA-IBB-Iranawila	Lao	ID in E; ann; NX; rpts	0304	SG
15150,0	1415	454	IRN	IRIB	Arabic	male rpts; ann; ID	1504	SG
15180,0	1300	454	THA	BBC-Relay	Kirgis	ID; ann; NX; rpts	1604	SG
15205,0	1315	554	CHN	CRI	French	ID; rpt chinoise exotic	0804	SG
						· •		
15220,0	1220	343	ROU	RRI	German	ID; HBF: Deportation // 11875	2903	SG
15235,0	1658	554	AFS	Channel Africa	English	IS; ID; NX; Africa digest	2004	SG
15235,0	2045	454	CAN	RCI-Montreal	English	discussion; ID; sports	1704	SG
15245,0	0500	454	CHN	CRI	German	IS,ID,NX; Wirtschaftsmagazin	0204	SG
15275,0	1410	343	RRW	DW-Kigali	German	Verbot von Genmais; ID	1504	SG
				-				
15310,0	1315	343	THA	BBC-Relay	English	ID; interview	1604	SG
15345,0	2030	343	MRC	RTM-Rabat	Arabic	ann; ID; folkmx c/d 21:00	1404	SG
15345,0	2100	242	ARG	RAE	German	IS;ID;WX;NX; Tourismus	0804	SG
15345,0	2100	344	ARG	RAE	German	IS; ID; NX; HBF	1404	SG
15345,0	2130	131	ARG	RAE	German	ID; HBF: Jub 60 RAE	1404	SG
15345,0	2145	443	ARG	RAE	German	DX-Neuigkeiten; ID	1004	SG
						0		
15345,0	2120	444	ARG	RAE	German	Tando; rpts; DX-N1366; ID	1704	SG
15400,0	1710	444	ASC	BBC-Relay	English	ID; rpt from Islamabad	1604	SG
15410,0	2045	344	CHL	CVC	Portuguese	Esta es CVC; LA-MX	1404	SG
15410,0	2200	353	CHL	CVC	Portuguese	ID; ann; adv; LA-MX	1004	SG
15430,0	0730	444	IRN	IRIB	German	IS,ID,Koran;NX;cmt; Frauen	1804	SG
15460,0	1045	232	D	RFA-IBB-Lampertheim	Tibetan	ID; rpt Afghanistan	0304	SG
15580,0	1710	454	BOT	VoA-Relay	English	ID; rpt from Zambia	2004	SG
15630,0	1120	444	GRC	ERT-VoGreece	Greek	rpt economica; ID	0204	SG
15700,0	1030	343	BUL	Radio Bulgarien	German	IS,ID,ann; NX; Folklore	0304	SG
17490,0	1115	343	CHN	CRI	English	ID,ann; China drive program	0304	SG
17720,0	0635	354	CHN	CRI	German	ID; TCM-Heilkräutersud	0404	SG
17720,0	1525	353	CHN	RCI-Relay	English	request; ID; RCI-hp	2004	SG
17750,0	1700	243	USA	WYFR	German	IS; ID; bible "Gottlose"	1604	SG
17780,0	0600	242	KWT	RFA via IBB-Kuwait	Tibetan	ID in E; ann; NX; rpts	0404	SG
17795,0	1645	444	ASC	BBC-Relay	English	ID; rpt election India	1604	SG
17830,0	1120	343	ASC	, BBC-Relay	English	ID; rpt from Islamabad	0304	SG
/0				1		/		

17840,0	1400	343	POR	DW-Sines	German	ID; NX; Verbot Genmais	1504	SG
17860,0	0630	454	RRW	DW-Kigali	German	ID; NX; Lieblingsorte	0404	SG
17895,0	1330	454	ARS	BSKSA	Arabic	talks; phone-in; ID   // 21640	1604	SG
17895,0	1630	343	STP	VoA-Relay	English	ID; special E bc  // 13570	2004	SG
21640,0	1325	554	ARS	BSKSA	Arabic	talks; phone-in; ID   // 17895	1604	SG

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#### Thanks a lot to our club members for your contributions:

BB : Bruce Barker, Broomall, PA, USA. NRD 535D with longwire

MF : Michael Frese, Osnabrueck, Germany. Grundig Yatchboy 400 with telescopic aerial.

RAD : Richard A. D'Angelo, Wyomissing, PA, USA. Ten-Tec RX-340, Drake R-8B, Eton E1,Lowe HF-150 with Alpha Delta DX Sloper,Datong FL3. SG : Siegbert Gerhard, Frankfurt, Germany. Yaesu FRG 7700 & 2 x 10m Longband and Multiband Dipole via FRT 7700.

## Here are the loggings from Bruce Barker of Bromall, Pennsylvania, USA:

- 4790 PERU Radio Vision May 24 0445. Signal was there with om in Spanish, but the broadcast was barely surviving the mortal attacks of CODAR. It was still disrupting the program on several rechecks.
- 4845 MAURITANIA R. Mauritanie May 15 2009 0650-0725. Tuned-in to om talking in AA. Musical briddges between what seemed to be different topics. Frequent "Salam's" and "Mohammed" mention several times. ID at 0658. Rechecked at 0720 Music from a stringed instrument, sounding very much like a sitar, was being played. Fair signal, but the audio and carrier dropped off at 0725 and no further sign of the transmission could be detected after several rechecks.
- 5995 MALI RTV du Mali June 12, 0730-0745 "Ici Radio Mali" ID at 0730 then into News by Om in FF. At 0735 what sounded like commentary or editorial began, spinkled with Radio Mali ID's. Signal was poor.
- 6000 CUBA Radio Havana May 24 0500-0520. Nothing extraordinary as YL gave usual ID in EE and continued with news headlines. But about halfway through, she abruptly left the air. Carrier remained but there was no audio for a full two minutes until she returned with more headlines. Maybe she dropped her script and was rooting around on the floor for it. Everything else went fine for the broadcast. Tuned out as 'World of Stamps' came on at 0520.
- 6010 MEXICO, COLOMBIA, BRAZIL 6/09/09 0655-0732 Tuned in to hear a heck of a wreck at 0655 as Radio Mil in Mexico, La Voz de tu Conciencia in Colombia and Radio Inconfidencia in Brazil collided. Radio Mil dominated the freq until 0701 when it appeared its audio dropped off leaving just the carrier. This exposed La Voz de tu Conciencia as louder than the Brazilian, which was playing PP ballads. Meanwhile, La Voz featured a man preaching in EE with a YI translating to SS. This continued until 0712 when the roles were reversed. Apparently, spreading the word now requires two different people in two different languages. At 0730 the station ID'd in two languagues: "Radio Conciencia" in SS followed by the EE "This is the Voice of Your Concience." by a YI. No BoH ID could be heard from the Brazilian.
- 6010 COLOMBIA Radio Conciencia or La Voz de tu Conciencia, Puerto LLeras. May 23 0830-0900. OM and two YL's in SS in bible discussion group.until 0845. This was followed by non-stop religious music until 0900. Several "Radio Conciencia" ID's were heard throughout the 30-minutes of monitoring, but no "La Voz de tu Conciencia" SS id's or id's in EE "This is the Voice of your Concience" which are usually heard. No sign of Radio Mil, Mexico or Radio Inconfidencia, Brazil which usually mix with the Colombian.
- 6170 NEW ZEALAND RNZI June 12 0800-0835 Time pips and Radio New Zealand International ID then into five minutes of news. This was followed by "Music From the Pacific" program with island music peppered with gobs of percussion. No swaying tunes, but lots of peppy, energitic numbers. Great early morning listening! At 0828 ID as "Voice of the Pacific" and into regional nx, covering events in Fiji, Samoa, Cook Islands, Papua New Guinea and elsewhere. This was followed by "Dateline Pacific" at 0835. Good signal.
- 7250 IRAN Voice of the Islamic Republic May 24, 0520-0600 According to PWBR this program is called "Voice of Palestine." At tune-in there was a pleasantly-voiced Muezzin chanting passages from the Qur'an. Very artfully done. This continued until 0530 when a man began talking briefly in Arabic, mentioning Palestine twice, and then there was more Qur'an chanting. At 0555 prayers were recited with responses from the congregation. OM was talking at 0600 tune out. Passport says this program airs from 0345-0415. Eibi says 0330-0430.
- 9575 MOROCCO Radio Mediterranee / Medi 1 June 6 0745-0801 A cluster of ads and station promos was heard at tune-in, followed by YI and Om conversing in French and conducting phone interviews. Music at 0755 until 0800 when Medi-1 ID and Nx were heard in Arabic.

- 9575 MOROCCO R. Mediteranee or Medi 1 May 28 0735-0801. Tuned in to News with OM and YL in French interviewing people on phone. At 0744 began a cluster of ads and station promotional announcements all in FF for "Medi Un.". This continued until 0748 when Nx resumed, followed by more ads and promos at 0754. OM back at 0758 with station promo, jingle and ID in FF and Arabic. Nx in AA by YL began at 0800.
- 9580 GABON Afrique #1 6/09/09 0725-0758 Afro pops were playing as I tuned in but the music was cut abruptly at 0730 when an Om began reading News in FF. Back to music at 0747 with Afrique #1 ID;s sprinkled throughout until 0758 when Radio Australia's 'Waltzing Matilda' wiped the station away.
- 9580 GABON Afrique Numero un May 24 0601-0630. OM with News in French, which included correspondent reports and actualities. Nx continued until 0615 followed by a station ID "Ici Libreville...?..." and contemporary French music. Tuned out at 0630 as music continued playing.
- 9635 MALI RTV du Mali June 6 \*0800-0815 Sign-on announcements by YI in French followed by national anthem. Then an Om came on, playing tribal music in vernaculars.
- 9690 NIGERIA Voice of Nigeria May 28 \*0800-0830. Sign-on announcement in listed Hausa followed by drums and bird calls. Immediately into News by OM. Apparent national news as Nigeria is mentioned repeately throughout. At 0815 same OM with apparent NX of Africa, with several different countries mentioned, including Zimbabwe and Congo. Also mentioned HIV and Aids a few times. Tribal music came on at 0825 as the signal deteriorated badly. YL could be heard in the background of band noise at 0830.
- 9690 NIGERIA VON June 6 0801-0820 Missed opening ID at 0800 but heard Om with news of Nigeria in listed Hausa followed at 0810 by international nx, in which the newscaster mentioned Zimbabwe a few times. Nx continued until 0825, when a selection of tribal music was played. ID in English was heard at 0830. Signal began at a fair level but slowly deteriorated to poor by 0830..
- 9690 NIGERIA Voice of Nigeria May 17 0815-0845 OM in Hausa with what sounded like news of Nigeria. Included frequent ID's. This was followed at 0825 with YL in Hausa and what seemed to be News of Africa, with several countries mentioned. Formal ID at 0830 by YL in Hausa and EE: "You're listening to the Voice of Nigera...Lagos." At 0835 tribal music -- a vocal accompanied by lots of drums. Tuned-out at 0845. Signal was fair.
- 9645.34 BRAZIL R. Bandeirantes May 15 2009 0715-0730. OM in PP delivering what sounded like a sermon. Several mentions of Jesus. But very low-key delivery. At 0720 it souded like either a 2nd om took over, or, the original om got a second wind and his voice changed a bit. No music -- religious or otherwise -- was heard through tune-out at 0730.

## Here are the loggings from Richard A. D'Angelo of Wyomissing, Pennsylvania, USA

- 4770 NIGERIA, Radio Nigeria, \*0432-0441 May 14, caught National Anthem and man announcer with English ID and sign on announcements but reception was basically awful.
- 4775 SWAZILAND, Trans World Radio Manzini, 0424-0442 Apr 15, tuned in to a man sermonizing in the German language. ID at 0429 followed by opening of the English program with a Bible teaching session. Fair.
- 4790 PERU, Radio Visión, 0332-0415 May 14, man announcer with long Spanish language religious sermon to 0401 ID, announcements and brief choir vocals. A man continued speaking over the choir singing. A church service commenced at 0406. Fair.
- 4910 AUSTRALIA, VL8T Tennant Creek, 0819-0830\* May 1, music followed by a talk in English by a man and woman. Carrier cut at 0830 in mid-sentence. Poor.
- 4985 BRAZIL, Radio Brasil Central, 0433-0454 Apr 15, jingle ID followed by a man announcer with Portuguese talk and Brazilian pop vocals. Another jingle ID at 0438, brief talks by the man announcer followed by a romantic tune. Fair.
- 5930 CYPRUS, Cyprus Broadcasting Corporation, 2236-2244\* May 15, two men with a discussion in Greek followed by brief Greek instrumental music prior to carrier being terminated. Fair but //9760 was very good while //7210 was buried under CRI in Spanish.
- 5990 BRAZIL, Radio Senado, 0950-1012 Apr 25, non-stop instrumental music to 1000 when a man announcer gave ID and began talking in Portuguese language. A woman gave another ID at 1003 followed by news alternating with a man. Poor to fair.
- 6090 ETHIOPIA, Amhara Regional State Radio (tentative), 0349-0414 May 14, several Horn of Africa musical selection with a woman announcer talking at 0404 in presumed Amharic language. Clear signal for a while but slowly deteriorating and losing out to another signal (possibly University Network). I was surprised to hear this in the clear for a while.
- 6165 CHAD, Radio Chad (presumed), 0454-0459 Apr 15, nice group highlife vocals until strong carrier followed by Radio Netherlands IS covered frequency wiping out further reception. Fair.

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- 6170 NEW ZEALAND, Radio New Zealand International, 1009-1027 Apr 15, woman announcer with the news in English. Promo for World of Books program at 1014 followed by ID and weather forecast. At 1016 a man hosted program Late Edition with first item about Fuji Prime Minister restricting civil liberties. Fair to good.
- 7110 ETHIOPIA, Radio Ethiopia, 0310-0347 May 6, mix of Horn of Africa vocals and Amharic language talks. Id by a man announcer at 0330 followed by news. Talk feature with a woman announcer from 0342. Fair signal.
- 7210 ALBANIA, China Radio International via Cerrik, 2248-2319 May 15, Spanish service with several IDs, language lesson program followed by news at 0100. Good signal.
- 7260 THAILAND, Radio Thailand, 1104-1121 May 6, man announcer with news in the Vietnamese language. Traditional music prior to closing ID and change over the listed Khmer program with gongs. Fair but rapidly deteriorating as noise level increased.
- 9525 INDONESIA, Voice of Indonesia, 1004-1018 Apr 25, man announcer with the news in English followed by ID at 1010 ("and that is the end of the news from the Voice of Indonesia."). A woman announcer began talking. Poor.
- 9575 MOROCCO (Spanish), Radio Medi Un, 0316-0343 Apr 29, Arabic vocals with a woman announcer giving ID in Arabic at 0330. More Middle Eastern style vocals at 0331. Fair and //171 also fair.
- 9665 PRIDNESTROVIE (Moldavian S.S.R.), Radio PMR, 2226-2253 May 7, man announcer with English program, several IDs, mentioned postal (include envelop and stamp for a reply) and e-mail addresses. Gave incorrect schedule for 6,240 kHz. Ticking clock, IS into opening of French program at 2230 followed by German program at 2245. Very good signal.
- 9715 PORTUGAL, RDP Internacional, \*2257-2331 May 7, classical music until a man announcer gave ID and frequency announcement in Portuguese. Music fanfare at 2300 followed by a woman with the news. Pop music from 2320. Excellent signal with //15296 fair to good.
- 9780.1 YEMEN, Yemen Radio, 0345-0421 Apr 29, woman announcer with Arabic talk followed by a man and woman with Middle Eastern vocals. ID at 0359 over instrumental music. Vocals again from 0401. Fair to good.
- 11660 AUSTRALIA, Radio Australia Brandon, 2143-2159\* Apr 30, classical music selection followed by a woman announcer interviewin g a man about classical music in English. Waltzing Matilda from 2158 until carrier cut at 2159. Fair.
- 11710.8 ARGENTINA, RAE, man and woman with talk in French language followed by vocal at 0327. Man with ID over time pips at 0330 followed by music. Fair with deep fades.
- 11815 BRAZIL, Radio Brasil Central, 2332-0009 May 15, religious program with man in English followed by translation by another man into Portuguese. A few musical selections sprinkled in with ID and frequency announcement at 0001 followed by several ads, announcements and IDs before music programming began. Poor to fair.
- 15650 SUDAN, Miraya FM via Rimavská Sobota, 1502-1518 May 2, man announcer with news in English. ID at 1506 "You are listening to the news from Miraya FM." Headlines at 1511 with another ID, "That's the end of the news. For more information please visit our website at mirayafm.org." Canned echo ID at 1512 followed by Arabic program. Poor.

Dear Friends,

Welcome to the June edition of Logbook.

There were some errors in our member Siegbert Gerhard's loggings published in this Logbook last month.

So I am including his originals separately.

Till next month,

## Ashok Kumar Bose

## SWL / Media Programs in English, German & Spanish

March 29th - Oct. 25th, 2009 - V5 As of May 25th, 2009

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DX & Media news, receiver reviews, radio features, letterbox programmes, tuning tips, propagation, satellites, computers, amateur radio and radio theory.

2<sup>nd</sup> Figures behind language symbols E, G or Sp, indicate weeks of the month. Times and days in UTC.

STL – Satellite transmission. d = DRM – digital mode

#### Monday

0005 RCI Montreal, E, The Maple Leaf Mailbag -11700kun AS/CHN STL Hotbird AS 0010 NHK R Japan. World Interactive. E - exc after last Sun 5960skn 6145sac 13650 17810 0010 RCI Montreal, E, The Maple Leaf Mailbag -6100 AM No&LatAM 0105 RCI Montreal, E, The Maple Leaf Mailbag -9620emr ME/SoAS 0118 Radio Bulgaria Sofia, Sp - 7400 9400 LatAM 0135 RHC Habana, Sp, En Contacto -5965 6000 6060 6120 6180 9600 11690 13760 LatAM 0200 WHRI, E, DXwCumbre - 7385 0200 RRI Bucharest, Sp - 5975 9520 9645 11945 0300 WBCQ, E, World of Radio - 9330-clsb [irregular] 0330 WHRI, E, DXwCumbre - 7315 7385 0400 WRMI, Sp, Frecuencia Al Dia - 9955 0430 WHRI, E, DXwCumbre - 7315 7385 0430 RCI Montreal, E, Maple Leaf Mailbag - WRN AS/PAC 0500 WRMI, E, World of Radio - 9955 0500 WWCR Nashville, E, Into Tomorrow - 3215 0500 RCI Montreal, E, The Maple Leaf Mailbag -Hotbird STL EUR/NoAF/ME 0530 RCI Montreal, E, The Maple Leaf Mailbag - WRN EUR 0530 WRMI, It, Studio DX - 9955 0600 WWCR Nashville, E, Into Tomorrow - 3215 0700 RCI Montreal, E, The Maple Leaf Mailbag -Hotbird STL EUR/NoAF/ME 0730 Radio NZL Internat., E, biweekly - 6170 7285d PAC 0800 Radio Slovakia Internat., G, DX - 5920 6055 0900 RCI Montreal, E, The Maple Leaf Mailbag -Hotbird STL EUR/NoAF/ME 1000 RCI Montreal, E, Maple Leaf Mailbag - Sirius STL AM

1130 Radio NZL Internat., E, biweekly - 7285d 9655 PAC 1130 WRMI, Sp. Frecuencia Al Dia - 9955 1145 WWCR Nashville, E, Australian DX report - 15825 1245 WWCR Nashville, E, Ask WWCR 1<sup>st</sup> / 5<sup>th</sup> - 15825 1330 Radio NZL Internat., E, biweekly - 6170 PAC 1430 WRMI, It, Studio DX - 9955 1500 WRMI, E, DX Party Line - 9955 1515 WRMI, Sp, HCJ Aventura Diexista - 9955 1630 Radio NZL Internat., E, biweekly -6170d 7285 PAC 1730 HCJB Quito, G - 6015wer EUR 1900 WBCQ, E, DX, World of Radio - 7415 1900 Amateur Radio Mirror, Channel Africa, E -3215 7082usb 1925 REE Madrid, E, Radio Corner - 9665 11620 EUR / AF 1930 WHRI, E, DXwCumbre - 9965 2115 WWCR Nashville, Sp, Frecuencia Al Dia - 7465 2130 RAE Buenos Aires, G - 9690 15345 2200 WBCQ, E. World of Radio - 7415

#### Tuesday \_

0007 WRMI, E/Sp, Viva Miami - 9955 0015 WRMI, E, DX Party Line - 9955 0024 REE Madrid, E, Radio Corner - 6055 0052 WRMI, E/Sp, Viva Miami - 9955 0100 WRMI, Sp, La Rosa de Tokio - 9955 0330 Radio NZL Internat., E, biweekly - 11675d 15720 PAC 0430 WHRI, E, DXwCumbre - 7315 0530 WRMI, E, AWR Wavescan - 9955 0900 Voice of Russia Moscow, G - 630 693 1323 1431 1100 WRMI, E, World of Radio - 9955 1130 WRMI, E, AWR Wavescan - 9955 1430 WRMI, Sp, Frecuencia Al Dia - 9955 1500 WRMI, E, DX Party Line - 9955 1515 WRMI, Sp, HCJ Aventura Diexista - 9955 1530 WRMI, E, World of Radio - 9955 1800 Voice of Russia Moscow, G - 630 693 1215 1323 1431 7330 9810d 12010 1900 WBCQ, E, DX, World of Radio - 7415 1900 Radio Cairo, G. Letterbox - 6255 1930 WHRI, E, DXwCumbre - 9965 1950 Radio Bulgaria Sofia, G - 5900 7400 EUR 2055 RHC Habana, E - 11760 17660 2130 RAE Buenos Aires, G - 9690 15345 2250 RAE Buenos Aires, Sp, Suplemento de Actualidad DX -6060 15345 2330 RHC Habana, E - 13760

## Wednesday \_

0007 WRMI, E/Sp, Viva Miami - 9955 0015 WRMI, Sp. HCJ Aventura Diexista - 9955 0052 WRMI, E/Sp, Viva Miami - 9955 0100 WRMI, It, Studio DX - 9955 0130 RHC Habana, E - 6000 6140 0330 RHC Habana, E - 6000 6140 0430 WHRI, E, DXwCumbre - 7315 7385 0500 WRMI, E, World of Radio - 9955 0530 RHC Habana, E - 6000 6010 6060 6140 11760 0530 WRMI, Sp, Frecuencia Al Dia - 9955 1050 Radio Bulgaria Sofia, G - 11700 15700 EUR 1100 WRMI, Sp, HCJ Aventura Diexista - 9955 1100 Voice of Russia Moscow, G -630 693 1323 1431 9730d 1130 WRMI, E, AWR Wavescan - 9955 1230 BBC R4, The Media Show, E -LW 198, MW, FM, DAB, STL 1245 Voice of Turkey, E, Letterbox - 15450 15520 1330 Radio Slovakia Internat., G, DX - 5920 6055 1430 WRMI, Sp, Frecuencia Al Dia - 9955 1500 WRMI, E, DX Party Line - 9955 1515 WRMI, Sp, HCJ Aventura Diexista – 9955 1530 WRMI, E, World of Radio - 9955 1545 WRMI, Sp, HCJ Aventura Diexista – 9955 1600 Radio Slovakia Internat., G, DX - 5920 6055 1725 Polskie Radio, E, Multimedia - 7265d-wer 9790iss WRN STL EUR. WRN1 TelStar-12 SoAM 1730 RAE Buenos Aires, G - 15345 [May, Jun, Jul] 1800 Radio Slovakia Internat., G, DX - 5920 6055 1835 RAE Buenos Aires, E, Dxers Special - 9690 15345 1845 Voice of Turkey, E, Letterbox – 9785 1900 WBCQ, E, DX, World of Radio - 7415 1930 WHRI, E, DXwCumbre - 9965 1955 Polskie Radio, E, Multimedia - STL 2045 Voice of Turkey, E, Letterbox - 7205 2215 Voice of Turkey, E, Letterbox - 9830

## Thursday \_

0007 WRMI, E/Sp, Viva Miami – 9955 0015 WRMI, E, DX Party Line – 9955 0052 WRMI, E/Sp, Viva Miami – 9955 0100 WRMI, E, Happy Station – 9955 0235 RAE Buenos Aires, E, Dxers Special – 11710 0315 Voice of Turkey, E, Letterbox – 5975 6165 7325sac 0430 WHRI, E, DXwCumbre – 7315 7385 0530 WRMI, E, World of Radio – 9955 first airing 0550 Radio Bulgaria Sofia, G – 9600 11600 EUR 0630 CRI Beijing, Sp, DX – 17680kas 0800 Radio Slovakia Internat., G. DX - 5920 6055 1000 Voice of Russia Moscow, G -630 693 1323 1431 9730d 1031 Radio Australia, E, Future Tense technology -9475 9580 9590 11945 12080 WRN EUR 1100 WRMI, Sp, HCJ Aventura Diexista - 9955 1225 Polskie Radio, E, Multimedia - 7330nau 9525wer STL 1330 WRMI, E, World of Radio - 9955 1430 WRMI, Sp, Frecuencia Al Dia - 9955 1500 WRMI, E, Happy Station - 9955 1530 Radio Australia, E, Future Tense technology -5995 6080 7240 9475 9590 11660 1600 Voice of Russia Moscow, G -630 693 1215 1323 1431 7330 9810d 12010 1700 Radio 700 Medienmagazin, G 1<sup>st</sup> / 3<sup>rd</sup> - 6005, FM, livestr. 1900 WBCQ, E, DX, World of Radio - 7415 1930 WHRI, E. DXwCumbre - 9965 2330 WBCQ, E, World of Radio - 7415

## Friday\_

0000 WBCQ, E, World of Radio - 5110usb 0007 WRMI, E/Sp, Viva Miami - 9955 0015 WRMI, Sp, HCJ Aventura Diexista - 9955 0052 WRMI, E/Sp, Viva Miami - 9955 0100 WRMI, E, World of Radio - 9955 0130 WRMI, Sp. Frecuencia Al Dia - 9955 0355 Polskie Radio, E, Multimedia - STL 0430 WHRI, E, DXwCumbre - 7315 7385 0500 WRMI, Sp, Frecuencia Al Dia – 9955 0530 WRMI, E, World of Radio - 9955 0755 Polskie Radio, E, Multimedia - STL 1100 WRMI, Sp, HCJ Aventura Diexista – 9955 1100 Voice of Russia Moscow, G -630 693 1323 1431 9730d 1130 WRMI, E, World of Radio - 9955 1230 BBC R4, Feedback, E -LW 198, MW, FM, DAB, STL 1245 HCA/HCJB Australia, E, DX Party Line - 15400 EaAS 1430 WRMI, E, AWR Wavescan - 9955 1515 WRMI, E, DX Party Line - 9955 1530 WRMI, Sp, Frecuencia Al Dia – 9955 1700 Voice of Russia Moscow, G -1215 1323 7330 9810d 12010 1800 WRN on Internet, E, World of Radio 1835 RAE Buenos Aires, E, Dx Supplement - 9690 15345 1900 WBCQ, E, DX, World of Radio - 7415 1930 WHRI, E, DXwCumbre - 9965 1945 R Taiwan Int, G, ADDX DX px, 2<sup>nd</sup> - 6185skn 2029 WWCR Nashville, E, World of Radio - 15825 2035 Radio NZL Internat., E, biweekly -

9890d/15720d 11725/13730 PAC 2115 WWCR Nashville, Sp, Frecuencia Al Dia – 7465 2130 Radio Bulgaria Sofia, E – 5900 7400 EUR 2130 RAE Buenos Aires, G – 9690 15345 2145 R Taiwan Int, G, ADDX DX px, **2<sup>nd</sup>** – 3965iss 2250 RAE Buenos Aires, Sp, Suplemento de Actualidad DX – 6060 15345 2330 Radio Bulgaria Sofia, E – 9700 11700 NoAM

## Saturday

0007 WRMI, E/Sp, Viva Miami - 9955 0015 WRMI, E, DX Party Line - 9955 0052 WRMI, E/Sp, Viva Miami - 9955 0130 WRMI, E, AWR Wavescan - 9955 0130 WHRI, E, DXwCumbre - 7315 0230 Radio Bulgaria Sofia, E - 9500d 9700 11700 NoAM 0235 RAE Buenos Aires, E, Dx Supplement - 11710 0500 WRMI, Sp, La Rosa de Tokio - 9955 0505 REE Madrid, Sp, Amigos de la O.C. - 3350 5965 6055 9630 LatAM 9780d 12035 EUR 11895 ME 0530 HCJB Quito, G - WRN EUR 0600 WWCR Nashville, E, Into Tomorrow - 5070 0700 WRMI, Sp, Frecuencia Al Dia - 9955 0730 WRMI, E, AWR Wavescan - 9955 0745 KBS World Radio Seoul, G - 15210 AS/EUR 0800 WRMI, E, World of Radio - 9955 0800 World of Radio via IRRS/IPAR Slovakia, E excl1st - 9510 0800 WRN EUR, E, World of Radio 0800 WRN Af/ME/As/Pac Afristar Asiastar, World of Radio 0800 HCA/HCJB Australia, E, DX Party Line - 11750 PAC 0810 KBS World Radio Seoul, E - 9570 AS 0830 HCJB DX Party Line via IRRS/IPAR Slovakia, E excl 1st - 9510 1000 WRMI, E, DX Party Line - 9955 1000 Voice of Russia Moscow, G -630 693 1323 1431 9730d 1045 WRMI, Sp, HCJ Aventura Diexista - 9955 1110 KBS World Radio, Sp, Antena de la Amistad - 11795sac 1145 Voice of Turkey, G, fortnightly - 13760 1210 KBS World Radio Seoul, E - 9650sac NoAM 1227 RRI Bucharest, G - 9675 11875 1245 Voice of Turkey, E, fortnightly - 15450 15520 1305 Radio 700 Medienmagazin, G 1<sup>st</sup> / 3<sup>rd</sup> - livestream 1305 WDR5 Cologne, Medienmagazin, G - FM, STL, DAB-S 1310 KBS World Radio Seoul, E - 9570 9770 AS 1400 WHRI, E, DXwCumbre - 9965 1430 HCJB Quito, G - WRN EUR 1445 HCA/HCJB Australia, E, DX Party Line - 15425 SoAS 1445 HCJB Quito, Sp, Aventura Diexista -690 6050 11690 11960

1504 SR2 Saarebruck, Medienwelt, G -FM, STL Astra ADR, DAB-S 1505 DeutschlandFunk Cologne, G, Media Magazine 1530 WRMI, E, World of Radio - 9955 1530 WHRI, E, DXwCumbre - 11785 1610 KBS World Radio Seoul, E - 9515 AS 1630 WWCR Nashville, E, World of Radio - 12160 1630 Voice of Turkey, Sp - 11930 1705 RCI Montreal, E, The Maple Leaf Mailbag -5850hb EUR RCI website live stream 1730 HCJB Quito, G - 6015wer EUR 1730 Voice of Turkey, G, fortnightly - 11835 1732 WRN, E, World of Radio - WRN-NoAM 1800 Radio Belarus Minsk, G - 1170 7210 7255 7390 1810 KBS World Radio Seoul, E - 7275 AS 1811 RRI Bucharest, G - 7440 9775d 1830 WHRI, E, DXwCumbre - 11785 1845 Voice of Turkey, E, fortnightly - 9785 1920 Radio Bulgaria Sofia, G - 5900 7400 EUR 1930 WHRI, E, DXwCumbre - 9965 1945 HCJB DX Party Line via IRRS/IPAR Slovakia, E - 7290 2000 WRMI, Sp, Frecuencia Al Dia - 9955 2045 Voice of Turkey, E, fortnightly - 7205 2051 KBS World Radio Seoul via Skelton, G - 3955 EUR 2100 RHC Habana, E - 11760 17660 2107 Radio NZL Internat, Media Watch, E - 13730 15720d PAC 2110 KBS World Radio Seoul, E - 3955skn EUR 2115 REE Madrid, E, Radio Corner - 9650 EUR / AF 2215 Voice of Turkey, E, fortnightly - 9830 2300 Radio 700 Medienmagazin, G 1st / 3rd - livestream 2330 RHC Habana, E - 13790

## Sunday \_

0005 REE Madrid, Sp, Amigos de la O.C. - 6055 9535 NoAM 6120 9620 11680 15160 LatAM 0015 REE Madrid, E, Radio Corner - 6055 0100 Voice of Turkey, Sp - 9770 0115 WRMI, Sp, HCJ Aventura Diexista - 9955 0130 RHC Habana, E - 6000 6140 0130 WHRI, E, DXwCumbre - 7315 7385 0145 WWCR Nashville, E, Ask WWCR - 5070 0200 WWCR Nashville, E, Australian DX report - 5070 0210 KBS World Radio Seoul, E - 9580 AS 0215 WWCR Nashville, E, DX Party Line - 5070 0230 WWCR Nashville, E, World of Radio - 5070 0240 KBS World Radio Seoul, E - 9560sac NoAM 0315 Voice of Turkey, E, fortnightly - 5975 6165 7325sac 0330 RHC Habana, E - 6000 6140 0400 WRMI, E, DX Party Line - 9955 0415 WRMI, Sp, HCJ Aventura Diexista – 9955 0500 WWCR Nashville, E, Into Tomorrow - 5070 0510 NHK R Japan, World Interactive, E - exc last Sun

5975rmp 6110sac 11970iss 15325 17810 0530 RHC Habana, E - 6000 6010 6060 6140 11760 0600 WWCR Nashville, E, Into Tomorrow - 5070 0600 RCI Montreal, E, The Maple Leaf Mailbag -Hotbird STL EUR/NoAF/ME 0618 Radio Bulgaria Sofia, Sp - 11800 15800 EUR 0630 WWCR Nashville, E, World of Radio - 3215 0635 Radio Bulgaria Sofia, E - 9600 11600 EUR 0700 WRMI, Sp, La Rosa de Tokio - 9955 0751 KBS World Radio Seoul, G - 15210 AS/EUR 0800 WRMI, E, World of Radio - 9955 0800 Amateur Radio Mirror, Channel Africa, E -7082usb 7205 17570 0800 RCI Montreal, E, The Maple Leaf Mailbag -Hotbird STL EUR/NoAF/ME 0800 WRN, E, Dxing with Cumbre - STL Astra/Hotbird Euromax EUR/ME/AF, Worldspace AfriStar AF / AsiaSat / AsiaStar AS/Pac 0830 WRMI, E, AWR Wavescan - 9955 0832 WRN NoAM, E, World of Radio 0900 Radio 700 Medienmagazin, G 1<sup>st</sup> / 3<sup>rd</sup> - livestream 0910 NHK R Japan, World Interactive, E - exc last Sun 9625 9825 11815 15590 0912 Radio NZL Internat, Media Watch, E - 6170 7285d PAC 0945 WWCR Nashville, E, Ask WWCR - 5070 1000 WHRI, E, DXwCumbre - 7385 1030 WRMI, E, DX Party Line - 9955 1030 SWR Cont.Ra Baden Baden, Medien, G -576 666 711 828 1017 FM, STL Astra, DAB-S 1045 WRMI, Sp, HCJ Aventura Diexista - 9955 1118 Radio Bulgaria Sofia, Sp - 11800 15800 EUR 1130 WHRI, E, DXwCumbre - 7385 1135 Radio Bulgaria Sofia, E - 11700 15700 EUR 1200 AWR Wavescan Singapore, E, IND/AS - 15435wer 1205 BR5 Munich, Medienmagazin, G -6085d, FM, STL Astra, DAB-S 1210 NHK R Japan, World Interactive, E - exc last Sun 6120sac 9625 9695 9790wer 1320 NHK R Japan, World Interactive, E - 11985 exc last Sun 1330 WRN EUR, E, Dxing with Cumbre 1330 Radio Slovakia Internat., G, DX - 5920 6055 1335 RHC Habana, Sp, En Contacto -6000 11760 12000 13680 13760 13780 15120 15360 LatAM 1400 WHRI, E, DXwCumbre - 9965 1410 NHK R Japan, World Interactive, E - exc last Sun 11705sac 11985 13630rmp 21560iss 1430 WHRI, E, DXwCumbre - 11785 1500 AWR Wavescan Singapore, E, AS/PAC - 11720 1500 WRMI, E, DX Party Line - 9955

1500 Voice of Russia Moscow, G - 630 693 1215 1323

1431 7330 9750d 12010 1505 RCI Montreal, E, The Maple Leaf Mailbag -11675kun 17720uru SoAs/IND STL Hotbird EUR/NoAF/ME Sirius STL AM 1505 RCI Montreal, E, The Maple Leaf Mailbag -9515 9800d NoAM RCI website live stream 1515 WRMI, E, World of Radio - 9955 1530 AWR Wavescan Singapore, E, CHN/IND - 15335wer 1530 WHRI, E, DXwCumbre - 11785 1545 WRMI, E, DX Party Line - 9955 1600 AWR Wavescan Singapore, E, AS/IND - 11720 11805 1600 Radio Slovakia Internat., G, DX - 5920 6055 1605 RCI Montreal, E, The Maple Leaf Mailbag -9515 9800d NoAM RCI website live stream Sirius STL AM 1630 AWR Wavescan Singapore, E, AS/IND - 6190 1648 Radio Bulgaria Sofia, Sp - 11800 13800 EUR 1732 WRN NoAM, E, World of Radio 1800 Radio Slovakia Internat., G, DX - 5920 6055 1800 Radio Belarus Minsk, G - 1170 7210 7255 7390 1805 RCI Montreal, E, The Maple Leaf Mailbag -9530kas 11765skn 17735 17810skn 1830 SWR Cont.Ra Baden Baden, Medien, G -576 666 711 828 1017 FM, STL Astra, DAB-S 1900 RRI Bucharest, Sp - 9580 11715 1902 BBC R4, Feedback, E -LW 198, MW, FM, DAB, STL 1930 WHRI, E, DXwCumbre - 9965 1935 BR5 Munich, Medienmagazin, G -6085d, FM, STL Astra, DAB-S 2000 WBCQ, E, This Week In Amateur Radio International - 7415 2005 RCI Montreal, E, The Maple Leaf Mailbag -15235 17735 EUR/AF RCI website live stream 2100 RRI Bucharest, Sp - 9755 11965 2105 RCI Montreal, E, The Maple Leaf Mailbag -9800d NoAM RCI website live stream - Sirius STL AM 2115 WRMI, Sp, HCJ Aventura Diexista - 9955 2130 AWR Wavescan Singapore, E, JPN/CHN - 11850 2148 Radio Bulgaria Sofia, Sp - 6200 9800 EUR 2200 NHK R Japan, World Interactive, E - 13640 exc last Sun 2230 AWR Wavescan Singapore, E, INS/PAC/AS - 15320 2242 RHC Habana, Sp, En Contacto - 11770 Europa 11800 13760 13790 LatAM 2245 HCJB Quito, Sp, Aventura Diexista - 690 6050 2310 RCI Montreal, E, The Maple Leaf Mailbag -6100 NoAM RCI website live stream Sirius STL AM

2318 Radio Bulgaria Sofia, Sp - 7400 9400 LatAM

## Shortwave - My View

# by Keith Perron

My very first job on shortwave radio was around 19 years ago when I did some replacement work for Radio Canada International's English language service to Asia. During that time I have seen so many changes, but not always for the best. Since around 1991 all of us have seen shortwave broadcasters drop frequencies, cut back on programming and reduce broadcast hours. The question that many of us who work in this medium and listen is: Is this the right way to go? Yes it's true that since the internet took off, broadcasters such as the BBC, Deutsche Welle, Radio Netherlands and others now have another means of distribution and can attract a different audience that normally would not listen on shortwave. But! To cut off an audience of hundred of thousands or I would even go as far to say millions of people who have shortwave radios and are regular listeners is very short sighted. Myself and many others are asking why, why, why? What's going on?

I think we need to examine when all this started happening. In the early 90s just after the collapse of Communism in Europe, stations started to think how to get listeners to listen. This is around the same time many managers of SW stations started to retire. The new generation of managers (I should also state not all) are just that: managers. Many of them know nothing or little about radio -- let alone shortwave -- to be able to create programs for an international audience that wants to tune in. It's almost like when lawyers and accountants took over the music industry.

Many of the new generation of station managers think that switching off shortwave and relaying on internet and satellite is the way to go. A few years ago I was at a radio conference in Tokyo, Japan and the director of a well-known station - sorry, I won't mention any names -- said that shortwave is dead. During the question and answer period of his speech, I had a number of questions I wanted to shoot off. My first question was "Have you ever listened to shortwave or do you even own a shortwave radio?" His answer was "No!" And he's running a shortwave station?

My second question was "How do you know people don't listen to shortwave?" Well, this was when I could not believe my ears. He said that recently he and a number of other directors from Radio Blablabla went to the US, Canada, Australia and some countries in Africa and found no one listened to shortwave, let alone radio.

This led me to my third question: "Where exactly did you go?" His reply: New York, Boston, LA, Brisbane, ect, etc. That's when I and a few others in the room started to giggle. I then said, "Wait a min. Did you go anywhere without a 4 or 5 star hotel? Did you go anywhere in the US or Canada which is not a big city?" He said "No!" He then added they could get a much larger audience by having programs relayed on local FM and AM stations. My reply to him was "That's great! But when do your programs air?" This is when he seemed a bit shocked, as I was well prepared and started to list off some relays. I said yes, your station Radio Bla bla bla is on local radio in Canada on the CBC (Canadian Broadcasting Corporation). Would you like to know the time? 4am. Radio Sweden is also on the CBC at 2:30am. Oh, your program is also on NPR in Burlington, Vermont at 5:30am; Seattle, Washington on Sundays at 11pm. And I went on and on and on. I said yes, the domestic relays are good, but you have no control over when local stations put you on air, whereas before people could listen on any number of frequencies at almost anytime. And you're bringing in a new audience? Who? It was at that point he said he needed to run to another appointment.

Another point is content. In the last 15 years or so it seems that all shortwave stations do is news and more news, all trying -- I say TRYING -- to be like a mini BBC or VOA. After a while if you tune in you will find that the majority of the news put out by the small to medium international broadcasters is all the same. If I want to find out what's going on in my corner of the world I tune to the BBC. Why would I listen to Radio Bla bla bla for an hour to hear the same thing that's being broadcast by the BBC? If I tune to stations like Radio France, Deutsche Welle, Radio Netherlands or Radio Canada International, I want to hear something different. Like a good program about music, culture or something silly. I strongly believe that if SW wants to catch an audience, stations need to do something different. People at one time did and still

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do tune in for interesting content, interesting personalities, but now it's nothing more than generic McDonald's for the ears. It's no wonder people don't tune in as much.

My next point is budget. Yes we have seen budgets at stations cut, but maybe it's time to not cut back on programming, but rather to look at the way you do programs. Radio Canada International, which has had severe cut backs since the early 90s, could be a case in point. RCI, like some other international broadcasters, have so much overhead it's not funny. At RCI you have in-studio technicians. What luxury. In almost every station I've worked at as an announcer/producer you did your own technical work. And now with the new studio technology it's even easier than it was 10 years ago when tape and LP's were still widely used. When I was at China Radio International, I used to produce and present a daily 30-minute current affairs program called Real-Time China. How many people helped me? Zero! I would set up interviews, research, write, edit and transmit the program to master control for broadcast to North America and Europe. But yet stations like RCI and others have people that do these things for the producers and presenters. I mean really, what luxury! So when cuts are made, where is it? First programming, then frequencies and third staff. Then what do you have? Programs no one hears or let alone listens to!

Something that many programmers and managers don't think of is how important SW is even to a region like North America. Do any of them know how many people tuned in during the aftermath of Hurricane Katrina? From what I've been able to find out, SW was the only way to hear news, as many of the local stations had no power or were knocked off air when their transmitter sites were damaged. During the 2005 tsunami, which devastated Indonesia, Sri Lanka, India, Thailand, and Maldives with almost 300, 000 people killed, shortwave was the only way to send and receive information. In 2006 an earthquake off the coast of Taiwan damaged an underwater fiber optic cable which made internet traffic come to a snails pace. I remember for almost 2 months trying to listen to radio online, but it was impossible. But guess what? My radio worked. During the earthquake in China that killed nearly 70,000 people in Sichuan Province, SW was also the only way to keep local people informed and to inform relief workers who were in the region. I could continue to give more examples.

Let's move to China. Some stations feel that maybe shortwave to the People's Republic is not a good idea because of the amount of jamming done by Chinese authorities with FIREDRAKE. This is silly. I lived in Beijing for over 8 years and never had a problem to tune in. Yes it's true that frequencies directed to China were jammed, but all I had to do was tune to a frequency for let's say Africa or Eastern Europe, and had no problem to listen. This is the magic of shortwave. You can have a program directed only to Europe or somewhere else, but you can also listen in a different region as the signal is bouncing around. Try listening to online radio in China from VOA! BLOCKED! Radio Canada International, BLOCKED! And the station websites which are not blocked from RFI, DW, RN or Radio Sweden can't be listened to online because of the Great Firewall Of China which slows down everything so much it can take up to an hour -- sometimes more -- for a program to be downloaded.

So finally. Is shortwave dead? No! Stations, managers and programmers just need to stop thinking of the internet and domestic relays as new toys. If it's not broken, don't fix it, improve it. My feeling is that over the next 10 years or hopefully less, the stations, people and governments that have cut shortwave will wake up and say "What have we done?" Yes it's true that nowadays there is much more competition with the 300 TV channels that are delivered to our homes, or we can just click and listen to our favorite program. But radio and shortwave is still the most economical medium.

To end, I would like to say to every international broadcaster: Produce interesting programs that will make people want to listen on shortwave. Yes, music does not sound that great on SW, but if you have good radio personalities and interesting programs people will listen. Promote shortwave as a very economical means to reach millions of people. Look into how to improve your shortwave signal instead of just cutting it. And do something for all the loyal shortwave listeners that are now cut off and have no other way to tune in anymore. Bring back the respect we all once had.

(Guest commentary for the NASB Newsletter <http://www.shortwave.org>, April 2009)