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Each of the editors mentioned above is self-responsible for the contents of his composed column. Furthermore, we cannot be responsible for the contents of advertisements published in DX MAGAZINE.

We have no fixed deadlines. Contributions may be sent either to WWDXC Headquarters or directly to our editors at any time. If you send your contributions to WWDXC Headquarters, please do not forget to write all contributions for the different sections on separate sheets of paper, so that we are able to distribute them to the competent section editors.

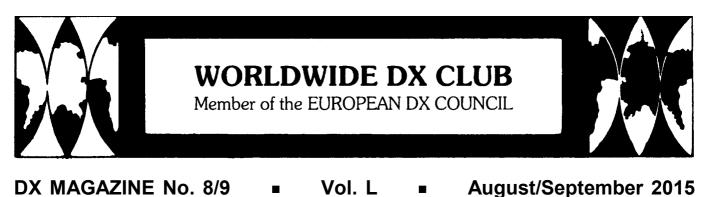
- WORLDWIDE DX CLUB homepage in the Internet: <http://www.wwdxc.de>
- Weekly "TopNews" by Wolfgang Büschel: <http://topnews.wwdxc.de> (available free of charge by E-Mail to our members on request)
- Latest DRM schedule: <http://www.wwdxc.de/drm.htm>



QSL of KBC Radio, Netherlands, via Walter Eibl, Germany

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Hello again,

Welcome to the annual summer double issue of our DX MAGAZINE. Like in the past years you will find our normal monthly sections, some articles, and our annual "List of Members". I have also included Walter Eibl's latest list "Hörfahrplan Deutsch - German Schedules" and Wolfgang Büschel's latest list of "SWL/Media Programs in English, German & Spanish". I hope that you will enjoy this double edition and wish you a nice and sunny August and September.

On the event of the International Radio Exhibition in Berlin there will be two DX meetings: "Anlässlich der IFA 2015 laden wir wieder alle Hobbyfreunde des Rundfunks und Besucher der Internationalen



alle Hobbyfreunde des Rundfunks und Besucher der Internationalen Funkausstellung herzlich zu unserem Radiostammtisch ein. Er findet am Freitag, den 04. 09. 2015 ab 18:30 Uhr MESZ im Schachcafé "en passant ", Schönhauser Allee 58, 12437 Berlin, statt." (Dirk <Radiostammtisch-Berlin@gmx.de>)

Auch der KBS Hörerclub lädt am 5. September während der IFA zu seinem 11. KBS-Hörertreffen ein: "Wir treffen uns am 05. September 2015 um 12 Uhr (Ortszeit). Als Veranstaltungsort habe

ich das Koreanische Kulturzentrum am Leipziger Platz 3 in 10117 Berlin ausgesucht. Wer also Lust und Laune hat an diesem Treffen teilzunehmen, den bitte ich um eine kurze Rückmeldung per Telefon bzw. SMS: 0170/1841346, oder mit E-Mail an <KBS-Hoerertreffen-Berlin@willi-stengel.de>."

(Andreas Mücklich, Berlin)

And with this best wishes and good DX until October from

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

# Results of a monitoring project on international broadcasts in Hausa (not including Voice of Nigeria)

The project started from using data of the HFCC and ADDX and was conducted during the second half of July using the twente web receiver.

\* Some frequencies could not be verified, because of lacking propagation, interference, weekly broadcast or use of another frequency.

\* The Mali relay of China Radio International could not be observed in Hausa

All other frequencies were observed, some with remarkable strength. So the following schedule documents the on air situation at the end of July 2015.

It might be noted that some broadcasters like AWR and Deutsche Welle stick to their frequencies during different broadcasts. It must also be noted, that some schedules given on the websites of the respective stations were incorrect.

05.00-05.30: 11955 (Moosbrunn 300 kW, 190 ) Adventist World Radio (Christian) 05.00-05.30: \*1530 (Pinheira) 4960 (Pinheira 100 kW, 30 , So 26.7. English) 6035 (Ascension 250 kW, 27 ) 11750 (Woofferton 300 kW, 158 ) VoA Washington 05.30-06.00: 6135 (Ascension 250 kW, 65 ) 7305 (Ascension 250 kW, 55 ) 9440 (Woofferton 250 kW, 170 ) **BBC** London 05.53-06.50: 17540 (Sirjan 500 kW, 260 ) IRIB Tehran (blocked by CRI English, but on air) 06.00-06.30: 13750 (Issoudun 500 kW, 170 ) 15340 (Issoudun 500 kW, 170 ) RFI Paris 06.30-07.00: 9830 (Pinheira 100 kW, 20 ) 13610 (Issoudun 500 kW, 170 ) 15275 (Issoudun 500 kW, 165 ) 15560 (Meyerton 250 kW, 330 ) Deutsche Welle 06.30-07.00: 7305 (Ascension 250 kW, 55 ) 9440 (Ascension 250 kW, 65 ) 15490 (Woofferton 250 kW, 165 ) BBC London 07.00-07.30: 13685 15315 (both Issoudun 500 kW, 170 ) RFI Paris 07.00-07.30: \*4960 (Pinheira 100 kW, 30 ) 12070 (Pinheira 100 kW, 20 ) 13725 (Pinheira 100 kW, 0 ) VoA Washington 07.30-08.30: 15440 (Issoudun 150 kW, 170 ) Manara Radio (Muslim) 08.00-09.00: 7295 (Bamako 100 kW, nd) CRI Beijing 11.23-11.50: 21505 (Sirjan 500 kW, 270 ) 21750 (Sirjan 500 kW, 263 ) IRIB Tehran 11.30-14.00: \*17780 (Ascension 250 kW, 65 ) Sa BBC London 13.00-14.00: \*9830 (Pinheira 100 kW, 20 ) 17800 (Issoudun 250 kW, 170 ) 21780 (al-Dhabiya 250 kW, 260 ) Deutsche Welle 14.00-14.30: 17640 (Meyerton 250 kW, 328 ) 17780 (Ascension 250 kW, 55 , So al-Dhabiya 250 kW, 265 ) 21630 (Ascension 250 kW, 65 , So al-Dhabiya 250 kW, 265 ) BBC London 14.30-15.00: \*17640 (Ascension 250 kW, 65 ) \*17780 (Ascension 250 kW, 55 ) \*21630 (Ascension 250 kW, 65 ) Fr 15.00-16.00: 11750 (Pinheira 100 kW, 20 ) 13700 (Pinheira 100 kW, 0 ) 17700 (Sta. Maria di Galeria 250 kW, 184 ) VoA Washington, Sa Su to 15.30 (HjB) 16.00-17.00: 17615 (Issoudun 500 kW, 170 ) RFI Paris 16.00-17.00: 17765 (Issoudun 500 kW, 170 ) Manara Radio 16.30-17.30: 9665 (Kunming 500 kW, 283 ) 13785 (Kashi 500 kW, 269 ) CRI Beijing 17.30-18.30: 9450 (Kashi 500 kW, 269 ) 9685 (Kunming 500 kW, 283 ) CRI Beijing 18.00-18.30: 11640 (Bamako 100 kW, 85 ) 13645 (Bamako 100 kW, 111 ) CRI Beijing 18.00-19.00: 9830 (Pinheira 100 kW, 20) 15275 (Talata Volonondry 250 kW, 305) 17800 (Issoudun 250 kW, 170 ) Deutsche Welle 18.00-21.00: 15710 (Abis 250 kW, 241 ) R. Kairo (buzz) 18.23-19.20: 12015 (Sirjan 500 kW, 263 ) 13810 (Kamalabad 500 kW, 253 ) IRIB Tehran 19.00-19.30: 11955 (Moosbrunn 300 kW, 190 ) Adventist World Radio (Christian) 19.30-20.00: 11660 (Ascension 250 kW, 65 ) \*15105 (Ascension 250 kW, 65 ) 17885 (Ascension 250 kW, 55 ) BBC London, Fr to 20.30 19.45-20.00: 11875 (Woofferton 300 kW, 170 ) Mo-Fr IBRA Radio (Christian) 20.00-20.30: 13695 (Issoudun 500 kW, 170 ) RFI Paris 20.30-21.00: \*4940 (Pinheira 100 kW, 30 ) \*6035 (Pinheira 100 kW, 0 ) 7325 (Pinheira 100 kW, 335 ) 9490 (Pinheira 100 kW, 20 ) \*11860 (Woofferton 300 kW, 170 ) Mo-Fr VoA Washington 20.30-21.00: \*6035 (Pinheira 100 kW, 0 ) \*9490 (Pinheira 100 kW, 335 ) \*15730 (Greenville 250 kW, 94 ) Sa VoA Washington

(Dr. Hansjoerg Biener 28 July 2015)

**ALASKA -** KNSL Anchor Point noted on both channel at 09-10 UT Aug 18/20

0900-1000 11870 NLS 100 kW 300 deg to NoEaAS Russian S=9+20dB in Tokyo Japan remote unit

0900-1000 9655 NLS 100 kW 285 deg to EaAS Chinese S=9+10dB in Tokyo Japan remote unit, but hit heavily by adjacent Vo Korea Kujang Japanese sce on 9650 kHz.

KNLS - The New Life Station

0800-1100 9655 NLS 100 kW 285 deg to Far East AS Chinese 0800-0900 11870 NLS 100 kW 270 deg to JPN/Far Ea RUS/KOR English 0900-1000 11870 NLS 100 kW 300 deg to Far East RUS Russian 1000-1100 11870 NLS 100 kW 270 deg to JPN/Far Ea RUS/KOR English 9610 NLS 100 kW 285 deg to Far East AS 1100-1200 Chinese 1100-1200 11870 NLS 100 kW 300 deg to Far East RUS Russian 1200-1300  $\,$  7355 NLS 100 kW 270 deg to JPN/Far Ea RUS/KOR English 1200-1300 11870 NLS 100 kW 270 deg to JPN/Far Ea RUS/KOR English 1300-1400 9655 NLS 100 kW 300 deg to Far East AS Chinese 1300-1400 9920 NLS 100 kW 285 deg to Far East AS Chinese

 1400-1500
 7355 NLS
 100 kW
 285 deg to Far East AS
 Chinese

 1400-1500
 11765 NLS
 100 kW
 270 deg to JPN/Far Ea RUS/KOR English
 1500-1600
 9655 NLS
 100 kW
 300 deg to Far East RUS
 Russian

 1500-1800
 9920 NLS
 100 kW
 285 deg to Far East AS
 Chinese

 1600-1800
 9655 NLS
 100 kW
 315 deg to Far East RUS
 Russian

 1600-1800
 9655 NLS
 100 kW
 315 deg to Far East RUS
 Russian

 (wb, wwdxc BC-DX TopNews Aug 18/20)
 18/20)
 18/20
 18/20
 18/20

**ASCENSION ISL -** 7415 Dandal Kura Radio via Ascension relay site noted at 0643 UT, S=6 signal in southern Germany, little bit lower strength, compared to the armada of BBC Ascension signals in 49, 41, and 31 mb in the UT morning. AID organization of Babcock brokered transmission. (wb, wwdxc BC-DX TopNews Aug 5)

**AUSTRALIA -** 9719.991 odd frequency fingerprint "Reach Beyond Australia", Indonesian program - Mon-Sa only, Suns Malaysian instead -, at 1244 UT on Aug 14, poor S=5-6 signal observed on Tokyo Japan remote SDR net unit. [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb, wwdxc BC-DX TopNews Aug 14)

**BAHRAIN** - 9745, August 6, 2015, 0454-0501, RADIO BAHRAIN, continual, traditional instrumental Middle East music and romantic music with no commercial breaks. Program announcement at 0558. SINPO 44334. (Ed Sylvester, Baghdad, Iraq, Drake R8B, Indoor Pixel Magnetic Loop, DXLD) Should be on USB only with some carrier (gh, DXLD)

**BANGLADESH** - 13580, Bangladesh Betar, 1747. Aug. 12. English news by woman, heavy spillover from Chinese on 13570, even with Sony sync, until 1800. ... Full multi-language ID at 1803 with Qu'ran readings. Clearer signal but broadcast suffered a great deal modulation. Usually we get a good if not strong signal from Betar in the middle of the unbearable Madrid summer. By 1840, they were playing "Great Balls of Fire" and other American pop music. Nice culture clash. Finally, a nice mild summer afternoon in what for the last month has been a cauldron in the Spanish capital.

(Marty Delfín (Fuencarral-El Pardo district, Madrid, Spain), Sony ICF-SW77 telesc. antenna, dxldyg via WOR 1786, DXLD)

**BHUTAN** - 6034.96, BBS, Sangaygang, at 1248-1430 UT on Wed July 22, unique indigenous music/singing, monologue and phone conversations. Some mixing with Yunnan PBS (China), in Vietnamese and Chinese, but most of the time BBS was stronger. The last I knew BBS signed off about 1300 UT, so they really were on an extended schedule today. (Ron Howard-CA-USA)

Strong signal also here in Finland now at 1615 UT on July 22. (Mauno Ritola-FIN).

Also heard July 23 at 1100 UT on remote SDR units in Nagoya Japan and Brisbane Queensland, S7, footprint 6034.951 kHz. (Bueschel). I heard it after 1200 UT, but not after 1230 UT. (Ritola). But not heard on July 23 at 1242-1350 UT, no BBS was audible! Yunnan PBS was doing fairly well on 6035 kHz, in Vietnamese till 1300 UT, when they switched to Chinese. (Ron Howard-CA-USA)

**BRAZIL** - 5939.719 Radio Voz Missionaria, weak tiny S=4-5 signal at 0618 UT.

6040.861 More one of the stronger Brazilians in 49mb, S=6-7 signal from RB2 Radio Clube Paranense, Curitiba, at 0622 UT.

6089.962 kHz probably of Radio Bandeirantes,

6090 Caribbean Beacon radio signal from Anguilla is the strongest here at 0624 UT. Female prayer likely Melissa Scott? Phone number given at 0626 UT. But also two "co-channel BUZZ signals" seen and heard on the lower sideband. Weaker Brazilian 6089.962 kHz probably of Radio Bandeirantes, and little stronger Radio Nigeria Kaduna on 6089.855 kHz at 0629 UT.

6135.239 Radio Aparecida ZYE954 from Aparecida, S=7-8 strong powerful modulation at 0630 UT.

6159.954 Very UNSTABLE signal, one of the Brazilians here on this channel. Likely ZYE245 Radio Rio Mar? from Manaus AM. Hopps always some Hertz 'up and down'. At 0635 UT on Aug 5th. (wb, wwdxc BC-DX TopNews Aug 5)

**BRAZIL / CANADA -** 6159.954 Very UNSTABLE signal, one of the Brazilians here on this channel. Likely ZYE245 Rádio Rio Mar? from Manaus AM. Hopps always some Hertz 'up and down'. At 0635 UT on Aug 5th.

(wb, wwdxc BC-DX TopNews Aug 5)

The situation here is a little confusing.

Boa Vontade is the one on the low side of 6160 kHz. Drifting around a bit, sometimes below CKZN and sometimes just above. Rio Mar is the one on 6160.08 kHz closing one hour earlier (arond 2100 UT) than Boa Vontade (sign off normally 2159 UT). (Thomas Nilsson-SWE, wwdxc BC-DX TopNews Aug 6)

When checked today Aug 6th at 0750 to 0810 UT in NJ, NC, FL, Vancouver IsI, and Alberta Canada remote units, heard only two Canadians

CKZN St. Johns 6159.949 kHz CKZU Vancouver Isl 6159.975 kHz exact footprint. (wb, wwdxc BC-DX TopNews Aug 6)

**BOLIVIA** - 5952.446, CP60 Emisora Pio XII, time announcement in Spanish at 1042 UT Aug 5th. Excellent S=7-8 signal noted in Edmonton Alberta SDR unit (wb, wwdxc BC-DX TopNews Aug 5)

6025, RED PATRIA NUEVA. 31/7 0003 UT. Avisos de políticas sociales agrícolas, de línea gratuita de atención del Estado Plurinacional y de la demanda marítima a Chile. SINPO: 43443 con QRM de R. Martí desde 6030. (Claudio Galaz, RX: Realistic DX-160. Ant: Hilo 30 metros más 20 metros de antena de tierra. QTH: Ovalle, Chile, condiglista yg via WOR 1785, DXLD)

6025, August 1 at 0110, JBA carrier on the FRG-7 squeezed between jamming/Martí 6030 and CRI/Albania 6020; and at 0147 also JBAC on the NRD-545. According to Aoki, the only station anywhen anywhere on 6025 is R. Illimani, 10 kW ND La Paz, Bolivia, 0930-0400 in Spanish/Aymara a.k.a. Red Patria Nueva, 0930-0300 in WRTH; but I would prefer a little modulation which would be more likely at 0930. However, HFCC A-15 has five stations on 6025! All imaginary/inactive? Only one at this hour, Lhasa which would be post-sunrise. (gh, WOR 1785, DXLD)

Here in the middle of Europe, CRI/Albania on 6020 is very strong until 0400. After its close down, Red Patria Nueva BOL on 6025 can be heard quite well but only sometimes; sometimes it is already off. Its close down time is very irregular - before 0400 or between 0400-0430.

(Karel Honzík, Czechia, August 2, Hard-Core-DX mailing list via WOR 1785, DXLD)

**BOTSWANA -** The US relay station at VoA Selebi-Phikwe still supplies a regular signal into Europe. On 25 July (a Saturday), it was interesting to note "VoA 1 - the best music" at 0615 UT on 15580 kHz. According to the VoA this is a 24 hrs stream, but at <http://www.voanews.com/contentinfographics/infographics/2569175.html> only a jazz programme started. (Prof. Dr. Hansjoerg Biener-D, wwdxc BC-DX TopNews July 26)

4930 on 26 July at 0258 BOT sign on VoA, En, 0300 UT News: Obama in Kenya (united in fight against al-Shabab, not united in stand towards homosexuality), bombings in Maroua (Cameroon), Turkish air raids in North Syria, antiterror laws in Tunisia, shipwrecked migrants in the Mediterranean, Los Angeles special Olympics; 0305 UT Encounter: full diplomatic relations US/Cuba, (0314 UT break for African Beat, 0317 UT web site for Encounter), drug boss at large, 0330 UT the Correspondent: Iran nuclear deal, Obama in Kenya, polio/ebola in West Africa 35433. (Prof. Dr. Hansjoerg Biener-D, wwdxc BC-DX TopNews July 26)

15580 on July 25 at 0615 UT BOT "VoA 1 - the best music" (!): pop-/rap music Kylie Minogue, Shakira and several artists I didn't know./star gossip, 0635 UT ID, 35433 HjBi (no webstream found, at "VOA 1 - The Hits" <a href="http://www.voanews.com/contentinfographics/2569175.html">http://www.voanews.com/contentinfographics/2569175.html</a> a jazz programme started. (Prof. Dr. Hansjoerg Biener-D, wwdxc BC-DX TopNews July 26)

Frequency changes for Voice of America from July 17 2100-2130 NF5980 BOT 100 kW 350 deg to CAf French Mo-Fr, ex9675 (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Aug 4)

BULGARIA - SECRETLAND, Brother STAIR, End Times Coming, FG Radio via Secretbrod:

Brother STAIR/TOM: 1200-1600 21800 050 kW / 306 deg WEu English 1600-1835 21800 050 kW / 306 deg WEu English Sat+FG Radio from 13600 1600-1855 21800 050 kW / 306 deg WEu English Tue-Thu/Sun 1817-1845 13600 050 kW / 195 deg SAf English, ex till 1900, see FG R 1817-1900 13600 050 kW / 195 deg SAf English

End Times Coming:

1800-1830 12075 100 kW / 090 deg WeAs English Sat/Sun+FG R from 13600

FG Radio, Famagusta Gazette: 1800-1815 13600 050 kW / 195 deg SAf English 1845-1900 5900 100 kW / 306 deg WEu English Sat // freq 13600 050 kW / 195 deg SAf English Sat, instead of TOM (Ivo Ivanov, Bulgaria, dxldyg via DXLD)

**CHINA** - 13669.971 One of the very few China mainland 'odd' frequency txions, noted at 0950 UT on Aug 14. S=8 signal in southern Germany, XJBS Urumqi PBS Xinjiang, Uighur language service.

6114.970 Voice of Strait, Fuzhou, in Amoy language, scheduled 0940-1600 UT, heard on remote SDR unit in Japan at 1329 UT on Aug 14. [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb, wwdxc BC-DX TopNews Aug 14)

**DIEGO GARCIA [non-log]** - 4319-USB, AFN. RE my recent question: "So has it finally happened - no AFN via SW?"

July 30, from Jari Savolainen - "Also been checking Diego Garcia 4319 randomly and no luck."

Also July 30, from Anker Petersen (editor of DSWCI's DX-Window) - "According to my notes based upon listening around the world, AFN Diego Garcia has not been heard since December 2014 on its two frequencies."

Thanks fellows for your helpful feedback! So yes, AFN for the time being (unless they fix a shortwave transmitter) is no longer broadcasting via SW. (Ron Howard, Asilomar State Beach, CA, Aug 3, dxldyg via DXLD)

DJIBOUTI - Still missing Djibouti 4780 since several months. No info about available. (we)

**FRANCE -** Test transmissions of Nigerian Armed Forces Radio are cancelled. 0600-0700 11825 ISS 250 kW 170 deg to WAf Hausa/English/Text messages/Mx 0600-0700 13775 ISS 250 kW 170 deg to WAf Hausa/English/Text messages/Mx No signal July 16 and July 17. (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews July 17)

Manara Radio and Radio France International via Issoudun

Manara Radio from 1630 UT 17765 ISS 150 kW 170deg to WAf Hausa, scheduled 1600-1700 Radio France International from 1632 UT 17615 ISS 500 kW 170deg to WeCeAF Hausa, scheduled 1600-1700 (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Aug 7)

**GERMANY -** R700: Ab [sofort] wird Radio Bulgarien in deutscher Sprache, zunächst bis zum 31.12.2015 wieder auf Kurzwelle zu hören sein: 18h30 CET @ 6005 kHz; 17h30 @ 7310 kHz, 21h30 CET @ 3985 kHz Dadurch werden sich einige andere Sendungen am Wochenende verschieben. Infos folgen. (Christian Milling, 19. August 2015 in a-dx)

DW-RADIO - Schedule A15 - Subject to change (July 29th, 2015):

Short Wave Freque	encies - v	alid from Mar	ch 29, 2014 to	October 24, 2015
Language Time/UT(	; Freq.	Transmitter	Target Area	Valid from - to
AMHARIC 1600-170	0 15275	TRINCOMALEE	Ethiopia	29.03.15-24.10.15
AMHARIC 1600-170	0 15560	DHABAYYA	Ethiopia	29.03.15-24.10.15
DARI 1330-140	0 15215	TRINCOMALEE	Afghanistan	29.03.15-24.10.15
DARI 1330-140	0 15430	DHABAYYA	Afghanistan	18.06.15-24.10.15
ENGLISH 0400-045	9800	MADAGASCAR	Africa (east)	29.03.15-24.10.15
ENGLISH 0400-050	0 15275	DHABAYYA	Africa (east)	29.03.15-24.10.15
ENGLISH 0500-060	0 7425	MEYERTON	Africa (south)	29.03.15-24.10.15
ENGLISH 0500-060	0 15275	MADAGASCAR	Africa (south)	29.03.15-24.10.15
ENGLISH 0500-060	00 17800	DHABAYYA	Africa	01.08.15-24.10.15

ENGLISH	0700-0800	15275	ISSOUDUN	Africa (west)	29.03.15-24.10.15
ENGLISH	0700-0800	15560	ASCENSION	Africa (west)	29.03.15-24.10.15
FRENCH	1700-1800	15275	ISSOUDUN	Africa	29.03.15-24.10.15
FRENCH	1700-1800	15560	ISSOUDUN	Africa	29.03.15-24.10.15
FRENCH	1700-1800	17800	ASCENSION	Africa	29.03.15-24.10.15
HAUSA	0630-0700	9830	SAO TOME	Africa (west)	29.03.15-24.10.15
HAUSA	0630-0700	13610	ISSOUDUN	Africa (west)	29.03.15-24.10.15
HAUSA	0630-0700	15275	ISSOUDUN	Africa (west)	29.03.15-24.10.15
HAUSA	0630-0700	15560	MEYERTON	Africa (west)	29.03.15-24.10.15
HAUSA	1300-1400	9830	SAO TOME	Africa (west)	29.03.15-24.10.15
HAUSA	1300-1400	17800	ISSOUDUN	Africa (west)	29.03.15-24.10.15
HAUSA	1300-1400	21780	DHABAYYA	Africa (west)	29.03.15-24.10.15
HAUSA	1800-1900	9830	SAO TOME	Africa (west)	29.03.15-24.10.15
HAUSA	1800-1900	15275	MADAGASCAR	Africa (west)	29.03.15-24.10.15
HAUSA	1800-1900	17800	ISSOUDUN	Africa (west)	29.03.15-24.10.15
PASHTO	1400-1430	15215	TRINCOMALEE	Afghanistan	29.03.15-24.10.15
PASHTO	1400-1430	15430	DHABAYYA	Afghanistan	18.06.15-24.10.15
SWAHILI	0300-0400	6125	MEYERTON	Africa (east)	29.03.15-24.10.15
SWAHILI	0300-0400	11960	EREVAN	Africa (east)	29.03.15-24.10.15
SWAHILI	1000-1100	15275	MADAGASCAR	Africa (east)	29.03.15-24.10.15
SWAHILI	1000-1100	17710	MEYERTON	Africa (east)	29.03.15-24.10.15
SWAHILI	1500-1600	15275	TRINCOMALEE	Africa (east)	29.03.15-24.10.15
SWAHILI	1500-1600	17710	DHABAYYA	Africa (east)	29.03.15-24.10.15

For further information please turn directly to: DEUTSCHE WELLE Customer Service 53110 Bonn Germany e-mail: <info@dw-world.de> Internet: <http://www.dw.de/dw-radio-programs/a-1777509>

Bayerischer Rundfunk (BR) MW 801/Dillberg & 729/Würzburg to be terminated, on Sept 30 at 1045 UT / 12.45 MEST. (we)

**GERMANY [INDIA]** - 9450, 7/30 0128, Athmik Yatra R., Nauen, Germany, Vadari service; OM talks; IS, 0130 s/off; 35432. Note: A beautiful Interval Signal (IS).

(José Ronaldo Xavier (JRX), Cabedelo - Brazil, Hard-Core-DX mailing list via DXLD)

**GERMANY** [NETHERLANDS] - Germany / Netherlands, Hollands Palet (Dutch Palette) presented by Wim Zonneveld and Ger Kruger is broadcast every week on Vahon Hindustani Radio on 1566 kHz and is being relayed on SW 6005 kHz via the facilities of Funkhaus Euskirchen in Kall-Krekel, Germany at 1800-1900 UT on Sundays from 12 July to 13 September, according to the Funkhaus Euskirchen website. The programme plays Dutch and Flemish music of the past 50 years. Reports are welcome to: <hollandspalet@muurkrant.nl>. (from <http://hollandspalet.muurkrant.nl/> via Alan Pennington, Aug BDXC UK Communication via DXLD)

**GREECE** - Voice of Greece is again air Aug. 4 after absence of several days

from 0745 9420 AVL 170 kW 323 deg WEu Greek from 0745 11645 AVL 100 kW 182 deg NAf Greek, terrible audio, hum tone 0800-0805 9420 AVL 170 kW 323 deg WEu Greek 0800-0805 11645 AVL 100 kW 182 deg NAf Greek, clear audio, no hum tone 9420 AVL 170 kW 323 deg WEu Romanian/Serbian/Russian 0805-0812 0805-0812 11645 AVL 100 kW 182 deg NAf Romanian/Serbian/Russian 0812-0835 9420 AVL 170 kW 323 deg WEu Greek, tx off/on around 0830 UT 0812-0835 11645 AVL 100 kW 182 deg NAf Greek, clear audio, no hum tone 9420 AVL 170 kW 323 deg WEu Greek, 0835-0905 0835-0905 11645 AVL 100 kW 182 deg NAf Greek, terrible audio, hum tone 0905-0909 9420 AVL 170 kW 323 deg WEu Spanish/Albanian 0905-0909 11645 AVL 100 kW 182 deg NAf Spanish/Albanian 0909-1201 9420 AVL 170 kW 323 deg WEu Greek 0909-1201 11645 AVL 100 kW 182 deg NAf Greek, clear audio, no hum tone 1201-1207 9420 AVL 170 kW 323 deg WEu English 1201-1207 11645 AVL 100 kW 182 deg NAf English,clear audio,no hum tone

from 1207 9420 AVL 170 kW 323 deg WEu Greek and off the air at 1325UT from 1207 11645 AVL 100 kW 182 deg NAf Greek and off the air at 1315UT (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Aug 4)

Nothing heard at 1700 UT on Aug 4, wb.

9420.003 kHz at 1920 UT on Aug 4, strong POWERFUL signal of S=9+40dB in southern Germany.

9934.949v footprint odd frequency. Annoying BUZZ tone accompanied the S=9+30dB ERT audio signal from Avlis here in southern Germany at 1910 UT on Aug 4. [selected SDR options, span 12.5 kHz RBW 15.3 Hertz]

BUZZ signal like GARDEN FENCE showed in Perseus browser screen 13 times! x accompanied buzz spur peak signals - each sideband - peaks at 245 Hertz / 490 ... Hertz apart distance ... , each sideband. (wb, wwdxc BC-DX TopNews Aug 4)

**GREENLAND** - Am 2. Juli 2015 meldete Kalaalit Nunaata Radioa die abgeschlossene Reaktivierung der zur erneuten Nutzung vorgesehenen Mittelwellen. Somit ist jetzt auch die Frequenz Simiutaq 720 kHz wieder in Betrieb. Schon seit geraumer Zeit sind die Mittelwellen Nuuk 570 kHz (seit 26. Februar 2015) und Quegertarsuag 650 kHz (seit 1. Dezember 2014) auf Sendung.

(Kai Ludwig-D; via Prof. Dr. Hansjoerg Biener-D, ntt via wwdxc BC-DX TopNews July 28)

**GUAM -** 9800.021 Cantonese language sce of KSDA AWR Agat Guam, Mo-Fr 1230-1300 UT noted at 1250 UT on Aug 14 at S=6 poor level in remote net SDR unit at Tokyo. (wb, wwdxc BC-DX TopNews Aug 14)

Adventist World Radio KSDA with new language service to Asia from Aug 1, 1030-1100 on 17730 SDA 100 kW / 315 deg to EAs Mongolian, instead of English. (Ivo Ivanov, Aug 12, dxldyg via dXLD)

**GUYANA -** 3289.97, Jul 23, 0045 tonight July 23 Guyana was audible WITHOUT the ute transmitter [aside]. The first time since February that I found a poor signal and no STANAG transmission. Reception was possible from 0045-0115 UT, but very very low signal. So I hope for another day and know that my daily recording the last weeks was not in vain. (Christoph Ratzer, Salzburg, Austria, a-dx Aug 2)

As to an information of the station the power is now 1 kw, they want to upgrade to at least 2,5 kw. (we)

**INDIA** - If any listener notice any irregularities on All India Radio's SW service (both Home & External Service) may report to the following single email address: <directorsmsair@gmail.com>. This is a common email address which will eventually forward all mails to all the SW transmitter sites, control rooms and other important persons. If there is any wrong frequency or wrong feed or wrong programmes or even off the air or other irregularities, please report to the above email address.

(Alok Dasgupta, Kolkata, India, DSWCI DX Window August 5 via WOR 1785, DXLD)

AIR Chinese moved to 11845 kHz. AIR External Service in Chinese has changed to 11845 kHz from 11855 kHz at 1145-1315 UT. The China mainland Jammers have not yet noticed the new frequency. (Now they will!) (Jose Jacob-IND VU2JOS, DXindia July 17)

5050 AIR Aizawl-IND, brief check at 1230 UT on July 22. Poor reception; in English underneath Beibu Bay Radio (China); seemed // AIR Shillong-IND on 4970 kHz. Recently noted Aizawl active again. Nice! (Ron Howard-CA-USA, via wwdxc BC-DX TopNews July 22)

**INDONESIA** - 9525.93, Voice of Indonesia returned to the air August 12 (Wednesday), after being silent since March 1; tuned in at 0944 to UNID open carrier; 1000 first positive audio; in English; sounded very much like the "Exotic Indonesia" program that in the past was always only on Tuesday and Thursday; many segments of chatting, along with usual back and forth banter; poor reception and at times unable to make out any audio; 1100 ID and station slogan; into stilted Chinese; 1204 also noted in Chinese; 1300 Chinese ID, as well as English ID & slogan; continuing on in Chinese.

So their first day back was certainly not their typical schedule; would have been normal for English 1000-1100, but "Exotic Indonesia" program would have been an anomaly for Wed. in the past. Reception after 1300 was at times almost fair, so if they go back to 1300-1400 in English, this could perhaps be reasonably heard? Of course Atsunori Ishida ( <http://rri.jpn.org/> ) also has reported this reactivation. With the poor reception, hard for me to get a very

accurate measurement, so perhaps Wolfy or others can determine a truer measurement. (Ron Howard, San Francisco at Ocean Beach, CA, USA)

9525.979 kHz fingerprint odd frequency of Volndonesia, Jakarta Cimanggis outlet, poor and tiny at Tokyo Japan remote SDR unit. At 1226 UT on Aug 14. (wb, wwdxc BC-DX TopNews Aug 14)

Voice of Indonesia was back to its usual languages schedule on August 13. No propagation in Bulgaria 1000-1400 UTC.

1000-1100 on 9526 JAK 2	250 kW / 135 c	deg to AUS English
1100-1200 on 9526 JAK 2	250 kW / 010 c	deg to EAs Chinese
1200-1300 on 9526^JAK 2	250 kW / 010 c	deg to EAs Japanese
1300-1400 on 9526 JAK 2	250 kW / 010 c	deg to EAs English
1400-1500 on 9526^JAK 2	250 kW / 010 c	deg to EAs Indonesian
1500-1600 on 9526#JAK 2	250 kW / 010 c	deg to EAs Chinese
1600-1700 on 9526#JAK 2	250 kW / 290 c	deg to N/ME Arabic
1700-1800 on 9526 JAK 2	250 kW / 290 c	deg to WEu Spanish
1800-1900 on 9526 JAK 2	250 kW / 290 c	deg to WEu German
1900-2000 on 9526*JAK 2	250 kW / 290 c	deg to WEu English
2000-2100 on 9526*JAK 2	250 kW / 290 c	deg to WEu French
^ 1200-1256 QRM Radio Ro	omania Int in	Romanian on 9520
^ 1400-1426 QRM Radio Ro	omania Int in	Italian on 9520
# 1530-1626 QRM TRT, Voi	ice of Turkey	in Azeri on 9530
* 1900-2100 totally bloc	cked by CRI ir	n Russian on 9525
(DX MIX 923)		

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JAPAN (non) - Frequency change of Shiokaze Sea Breeze from July 31:
1330-1400 NF 6020 YAM 100 kW / 280 deg to NEAs, ex 5985 Japanese Mo
1330-1400 NF 6020 YAM 100 kW / 280 deg to NEAs, ex 5985 Chinese Tue
1330-1400 NF 6020 YAM 100 kW / 280 deg to NEAs, ex 5985 Japanese Wed
1330-1400 NF 6020 YAM 100 kW / 280 deg to NEAs, ex 5985 English Thu
1330-1400 NF 6020 YAM 100 kW / 280 deg to NEAs, ex 5985 Korean Fr
1330-1400 NF 6020 YAM 100 kW / 280 deg to NEAs, ex 5985 Korean Sa
1330-1400 NF 6020 YAM 100 kW / 280 deg to NEAs, ex 5985 Japanese Su
1400-1430 NF 6020 YAM 100 kW / 280 deg to NEAs, ex 5985 Japanese Mo
1400-1430 NF 6020 YAM 100 kW / 280 deg to NEAs, ex 5985 Korean Tue
1400-1430 NF 6020 YAM 100 kW / 280 deg to NEAs, ex 5985 Japanese Wed
1400-1430 NF 6020 YAM 100 kW / 280 deg to NEAs, ex 5985 English Thu
1400-1430 NF 6020 YAM 100 kW / 280 deg to NEAs, ex 5985 Korean Fr
1400-1430 NF 6020 YAM 100 kW / 280 deg to NEAs, ex 5985 Japanese Sa
1400-1430 NF 6020 YAM 100 kW / 280 deg to NEAs, ex 5985 Korean Su
(Ivo Ivanov, dxldvg via DXLD)
What about the 1600 broadcast, QSY? (gh)
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**KOREA D.P.R.** - Am heutigen Sonnabend, den 15.08.2015, dem 70. Jahrestag der Befreiung Koreas, führte die DVR Korea (Nord) erfolgreich die Pyongyanger Zeit ein. Damit ist die Zeit in dem Land UTC + 8.5 Std. (früher UTC + 9 Std.) und entspricht exakt der Zeit 127 Grad 30 Minuten östlicher Länge. Die offizielle Verlautbarung dazu findet sich hier: <a href="http://www.naenara.com.kp/de/news/news\_view.php?0+92399">http://www.naenara.com.kp/de/news/news\_view.php?0+92399</a>>

A-15/2 Transmission Schedule of the Voice of Korea, Pyongyang, DPR Korea valid from Sat, 15 August Juche 104 (2015) - last modified: 15 August Juche 104 (2015):

UTC	Language	Frequ.	Beam	Frequ.	Beam	Frequ.	Beam	Frequ. Beam	Frequ. Beam	Target
	o									
0330	Chinese	13650	238°	15130	238°					SEAs
0330*	Korean (PBS)*	7220	ND	9445	ND	9730	ND			NECHN
0330	Spanish	11735	28°	13760	28°	15180	28°			CAm, SAm
0430	English	7220	ND	9445	ND	9730	ND			NEAs
0430	English	11735	28°	13760	28°	15180	28°			CAm, SAm
0430	French	13650	238°	15130	238°					SEAs
0530	Chinese	7220	ND	9445	ND	9730	ND			NECHN
0530	English	13650	238°	15130	238°					SEAs
0530	Spanish	11735	28°	13760	28°	15180	28°			CAm, SAm
0630	Chinese	13650	238°	15130	238°					SEAs
0630	English	7220	ND	9445	ND	9730	ND			NEAs

0729       Korean (PBS)       720       NO       9450       11865       109"       11865       109"       NECHN         0730       Russian       9875       28"       11735       28"       KECHN       NECHN         0730       Russian       9875       22"       11735       28"       KECHN       KECHN         0830       Japanese       621       ND       325       1524       325       1524       11865       109"       11865       109"       J       FE         0830       Japanese       621       ND       3255       6070       109"       9650       109"       11865       109"       LEU       ND       100"       10"       10"       10"       10"       10"       10"       10"       10"       10"       10"       10"       10"       10"       10"       10"       10"	0630	French	11735	28°	13760	28°	15180	28°					CAm, SAm
0739       Korean (PES),*       7220       ND       9445       ND       FE         0730       Russian       13760       325*       15245       325*       FE         0830       Chinese       7220       ND       9445       ND       9650       199*       11865       109*       J         0830       Russian       9675       28*       1735       28*       FE       Eu         0830       Russian       9675       28*       1735       28*       FE       Eu       HECHN         0930       Japanese       627       ND       325*       15245       325*       FE       Eu       Eu       HECHN         0930*       Korean (PES)       1707       28*       1136       78*       SEAs       SEAs         1030       English       11710       28*       15180       28*       SEAs       SEAs         1030       Lapanese       621       ND       3258       ND       6670       169*       9650       109*       11865       109*       J         1130       Japanese       621       ND       3258       ND       6670       169*       9650       109*       11									11865	109°			
9730       Russian       13760       325*       15245       325*       11865       109*       11865       109*       N         0830       Russian       0875       28*       1735       28*       18*       28*		Korean (PBS)*											
B383         Chinese         72.0         ND         9.445         ND         9.55         19.9         11.85         19.9         11.85         19.9         KCHN           B383         Bapanese         6.21         ND         32.56         ND         6.70         10.9         96.50         19.9         11.85         10.9         11.85 <td></td>													
0830     Japanese     621     ND     3250     ND     9650     109"     11865     109"     J       0830     Russian     13760     325'     15245     325'     0     6070     109"     9650     109"     11865     109"     L       0830     Koraan (KES)     7220     ND     9445     ND     9650     109"     11865     109"     L     NCCHN       0930     Koraan (PES)'     957     28"     1736     23"     NCCHN     NCCHN       0930     Koraan (PES)'     7220     ND     9445     ND     NCCHN     NCCHN       0930     Koraan (PES)'     7220     ND     9445     ND     9650     109"     11865     109"     J       1030     Koraan (PES)'     7220     ND     9444     ND     ND     NCCHN     NCCHN       1130     Chinese     11735     28"     1360     28"     160"     109"     9650     109"     11865     109"     J       1230     Japanese     621     ND     326'     100"     1865     109"     J       1230     Koraan (KCB)     11735     28"     1360     28"     14"     14" <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>													
0830       Russian       3876       2.8°       11735       2.8°       EL         0830       Russian       1370       325       1524       325°       1524       325°       1524       325°       1524       325°       1524       325°       1524       325°       1524       325°       1524       325°       1524       325°       1524       325°       1524       325°       1524       325°       1526       325°       1526       325°       1526       325°       1526       325°       1526       325°       1526       327°       1660       38°       347       348 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0650</td> <td>100°</td> <td>11965</td> <td>100°</td> <td></td> <td></td> <td></td>							0650	100°	11965	100°			
0830       Japanese       13760       325°       157.45       325°       157.67							9000	109	11005	109			
0939       Appanese       621       ND       3250       ND       6070       199"       9650       198"       11865       199"       J         0939       Korean (RES)       9375       28"       11735       28"       12735       28"       12735       28"       12735       28"       12735       28"       128"													
0930         Korean (RES)         7220         ND         9445         ND         ND         PH2           0930*         Korean (RES)         7360         325°         15245         325°         1736         28°         Kana         SKan							6070	109°	9650	109°	11865	109°	
0930*         Korean (PBS)*         13760         325*         15245         325*         EU         EU           1030         English         11710         28*         15180         28*         SEAs           1030         Lagnerse         621         ND         3250         ND         6070         109*         9650         109*         11865         109*         J           1130         Chinese         7220         ND         9445         ND         6070         109*         9650         109*         11865         109*         J           1130         French         11710         28*         15180         28*         SEAs         SEAs           1130         Japanese         621         ND         3250         ND         6070         19*         9650         109*         11865         109*         J           1230         Korean (KCBS)         11710         28*         1550         28*         1550         28*         SEAs         NAm           1330         English         9435         28*         17110         28*         28*         NAm         NAm           1330         English         9435         28*		Korean (KCBS)											NECHN
1030       English       11740       28°       15160       28°       CAm, SAm         1030       English       1175       238°       1560       28°       SEAs         1030       Chinese       7220       ND       9445       ND       6070       109°       9650       109°       11865       109°       NCCHN         1130       French       11710       28°       15180       28°       SEAs       SEAs         1130       Japanese       621       ND       3250       ND       6070       109°       9650       109°       11865       109°       J         1230       Japanese       621       ND       3250       ND       6070       109°       9650       109°       11865       109°       J         1230       Japanese       621       ND       3250       ND       6070       109°       9650       109°       11865       109°       J       CAm, SAm         1230       Japanese       621       ND       325°       SEAs       SEAs       SEAs         1330       English       13352       28°       1216       325°       SEAs       SEAs         1330													
1930       Japanese       621       ND       9250       ND       9650       109°       11865       109°       JACKIN         1930       Japanese       621       ND       9445       ND       6070       109°       9650       109°       11865       109°       JACKIN         1130       French       11719       228°       15160       238°       CAN       SEAs         1230       Japanese       621       ND       3250       ND       6070       109°       9650       109°       11865       109°       J         1230       Japanese       621       ND       3250       ND       6070       109°       9650       109°       11865       109°       J         1230       Korean (KCBS)       11719       28°       13650       238°       Korean (KCBS)       Korean (KCBS)       11710       28°       Korean (KCBS)       NCHN       8650       109°       1865       28°       Kucuuuuuuuuuuuuuuuuuuuuuuuuuuuuuuuuuuu													
1938       Japanese       621       ND       3250       ND       6070       199"       1186       109"       J         1130       French       11719       22"       ND       9445       ND       5720       ND       6070       109"       950       109"       11865       109"       J         1130       French       11735       23"       13680       238"       0       6070       109"       9650       109"       11865       109"       J         1230       Japanese       621       ND       3250       ND       6070       109"       9650       109"       1185       109"       J         1238       Korean (KCBS)       11710       23"       11710       23"       11710       23"       SKAs       SKAs         1330       English       9435       23"       11710       23"       128"       Keran       Ke													
10380       Korean (PBS)*       7220       ND       9445       ND       KCRN         1130       Chrinese       1720       ND       28*       CAN       SEAs         1130       French       11715       238*       15160       238*       CAN       SEAs         1130       Korean (KCBS)       11710       238*       15160       238*       60*0       109*       11865       109*       J         1230       Korean (KCBS)       11710       238*       15160       238*       5670       109*       11865       109*       J         1230       Korean (KCBS)       11710       238*       15160       238*       5673       NC       56As         1230       Korean (FBS)*       7220       ND       9445       ND       56As       NECIN         1330       English       13760       325*       15245       325*       56As       NAm         1330       Korean (RBS)       11735       238*       13650       238*       SEAs       SEAs         1430       French       9435       28*       11710       28*       Kata       SAas         1330       Korean (KCBS)       11735 <t< td=""><td></td><td>-</td><td></td><td></td><td></td><td></td><td>6070</td><td>100°</td><td>9650</td><td>100°</td><td>11865</td><td>100°</td><td></td></t<>		-					6070	100°	9650	100°	11865	100°	
1130       Chinese       7220       ND       9445       ND       SEAs       SEAs         1130       French       11735       238*       13660       238*       9500       109*       11855       109*       Japanese         1230       Japanese       621       ND       3250       ND       6070       109*       9650       109*       11855       109*       Jacks       SEAs         1230       Morean (KCBS)       11710       23*       11818       28*       ND       6070       109*       9650       109*       11855       109*       SEAs         1230       Morean (KCBS)       11710       23*       13650       238*       SEAs       SEAs       SEAs         1330       English       9445       325*       12015       325*       SEAs       SEAs       SEAs         1330       Korean (KBS)       11710       23*       13650       238*       SEAs       SEAs       SEAs         1430       Korean (KCBS)       11645       235*       12045       325*       SEAs       SEAs         1430       Russian       9425       325*       12045       325*       SEAs       SEas							0070	105	5050	105	11005	105	
1130       French       11710       28°       1580       28°       SEAs         1130       Japanese       621       ND       3250       ND       6070       109°       9650       109°       11865       109°       Japanese         1230       Japanese       621       ND       3250       ND       6070       109°       9650       109°       11865       109°       Jaca         1230       Korean (KCSS)       11710       28°       15180       28°       ND       6070       109°       9650       109°       11865       109°       Jaca       SAa         1230       Korean (KCSS)       11775       238°       13650       218°       ND       ND       9445       ND       ND       NAM       NAM         1330       Chinese       11735       238°       11710       28°       NAM       NAM       NAM       NAM         1330       English       13760       325°       15245       325°       NAM       NAM       NAM       NAM         1430       Korean (KCSS)       11735       238°       15245       325°       NAM       NAM       NAM       NAM         1530       En													
1130       Japanese       621       ND       3250       ND       6070       109"       9650       109"       11865       109"       J         1230       Japanese       621       ND       3250       ND       6070       109"       9650       109"       11865       109"       Japanese         1230       Korean (KCSS)       11715       238"       13650       238"       1865       109"       Japanese       CAm, SAm         1230       Korean (PSS)*       11735       238"       13650       238"       1861       ND       NC       NECHN         1330       English       13760       325"       15245       325"       1864       ND       NAm         1330       Korean (RCSS)       11735       238"       16545       325"       1864       1864       11865       199"       NAm         1430       French       9425       325"       12015       325"       1864       <	1130		11710		15180	28°							
1230       Japanese       621       ND       3250       ND       6070       109"       9650       109"       11865       109"       J         1230       Korean (KCBS)       11716       28"       15180       238"       CAm, SAm         1230       Korean (RBS)       17720       ND       9445       ND       670       109"       1865       1865       258"         1330       English       9455       28"       11710       28"       Kerean (RBS)       ND       670       109"       Kerean       ND		French											
1230       Korean (KCBS) 11710       28°       15180       28°       SEAs         1230       Korean (KCBS) 11735       238°       13650       238°       SEAs         1330       Chinese       11735       238°       13650       238°       ND         1330       Chinese       11735       238°       13650       238°       NAm         1330       Chinese       11735       238°       12545       328°       NAm         1330       Korean (KCBS) 11735       238°       12515       325°       EU       NAm         1430       French       9425       325°       12515       325°       EU       NAm         1430       Korean (KCBS)       11735       238°       15245       325°       EU       NAm         1530       English       9435       28°       11710       28°       NAm       Mam         1530       English       13760       325°       15245       325°       WEu       NAm         1530       Russian       9425       325°       1215       325°       WEu       NAm         1530       German       9425       325°       1215       325°       WEu <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>													
1230       Korean (KDS)       11735       238*       13650       238*       ND       NECHN         1330       Chinese       11735       238*       13650       238*       ND       NAm         1330       English       9445       28*       11710       28*       NAm       NAm         1330       English       9445       25*       15245       325*       WEu       NAm         1330       French       13760       325*       15245       325*       NAm       NAm         1430       French       13760       325*       15245       325*       NAm       NAm         1430       Korean (KDS)       11735       238*       11645       236*       Kusian       NAm         1530       Arabic       9899       296*       11645       296*       Kusian       NAm         1530       English       13760       325*       12015       325*       Kusian       NAm         1530       English       13760       325*       12170       28*       NAm         1530       English       13760       325*       12170       28*       NAm         1530       English							6070	109°	9650	109°	11865	109°	
1230*       Korean (PBS)*       7220       ND       9445       ND       SEAs         1330       English       9435       28*       11710       28*       Korean (PBS)*       9425       325*       15245       325*       Eu       NAm         1330       English       9425       325*       12015       325*       Eu       MAm         1330       Korean (KCBS)       13760       325*       12015       325*       Korean (KCBS)       NAm         1430       French       9436       28*       11710       28*       Kussian       NAm         1430       Korean (KCBS)       11735       238*       13660       238*       Kussian       SEAs         1530       English       9425       325*       12015       325*       Kussian       NAm         1530       English       9435       28*       11710       28*       NAm       NAm         1530       English       9435       28*       11710       28*       NAm       NAm         1530       Granan       9425       325*       12015       325*       Kussian       NAm         1530       Granan       9425       35*       1													
1330       Chinese       11735       238*       11710       28*       NAm         1330       English       13760       325*       15245       325*       WEu         1330*       Korean (PS)*       9435       325*       12015       325*       WEu         1330*       French       9435       325*       12015       325*       WEu         1430       French       13760       325*       15245       325*       WEu         1430       Korean (KBS)       9435       23*       13710       28*       WEu         1430       Russian       9425       325*       12015       325*       WEu       WEu         1530       Arabic       9890       296*       11645       296*       WEu       WEu         1630       French       13760       325*       12015       325*       WEu       WEu         1630       French       9435       225*       12015       325*       WEu       WEu         1630       French       13760       325*       15245       325*       WEu       WEu         1730       Korean (KCBS)       13760       325*       12245       325* <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>													
1330       English       9435       28°       11710       28°       WEu         1330       Korean (PBS)*       13769       325°       12015       325°       Eu         1430       French       9435       28°       11710       28°       Kueu       Eu         1430       French       9435       28°       11710       28°       Kueu       SEAs         1430       French       9435       28°       11710       28°       Kueu       SEAs         1430       Korean (KCBS)       11735       238°       13650       238°       Kueu       SEAs         1430       Korean (KCBS)       11710       28°       Kueu       Kueu       Kueu       Kueu         1530       English       9435       28°       11710       28°       Kueu       Kueu         1630       English       9435       28°       12110       28°       Kueu       Kueu         1630       French       9435       28°       12110       28°       Kueu       Kueu         1630       German       9425       325°       12015       325°       Kueu       Kueu         1730       Korean (KCBS) <t< td=""><td></td><td>, ,</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>		, ,											
1330       English       13760       325°       1226'       325°       Eu         1330*       Korean (PBS)*       9425       325°       1211       325°       Eu         1430       French       9435       28°       11710       28°       Kusi       Kusi         1430       Korean (KCBS)       11735       238°       13650       238°       Kusi       Kusi       Kusi         1430       Russian       9425       325°       12015       325°       Kusi       Kusi       Kusi       Kusi         1530       English       9435       28°       11710       28°       Kusi													
1430       French       9435       28°       11710       28°       NAm         1430       French       13760       325°       15245       325°       SEAs         1430       Korean (KCBS)       11735       238°       13660       238°       SEAs         1430       Russian       9425       325°       12015       325°       Eu       ME, NAf         1530       Arabic       9890       296°       11645       296°       ME, NAf         1530       Russian       9425       325°       12015       325°       Eu       NAm         1530       Russian       9425       325°       12015       325°       Eu       ME, NAf         1630       French       13760       325°       12015       325°       WEu       Eu         1630       German       9425       325°       12015       325°       WEu       Eu       11710       28°       NAm         1730       Arabic       9890       296°       11645       296°       ME, NAf       NAm       11710       28°       NAm       NAm       11710       28°       NAm       NAm       NAm       NAm       NAm       NAm													
1430       French       13760       325°       15245       325°       SEAs         1430       Korean (KCBS)       11735       238°       13650       238°       SEAs         1530       Arabic       9890       296°       11645       236°       ME, NAf         1530       English       13760       325°       12015       325°       ME         1530       English       13760       325°       12015       325°       ME         1630       English       13760       325°       12015       325°       KU       ME         1630       French       9435       28°       11710       28°       NAm       ME, NAf         1630       German       9425       325°       12015       325°       KU       ME         1630       German       9425       325°       12015       325°       KU       ME         1730       Korean (KCBS)       13760       325°       12015       325°       KU       KU         1730       Korean (KCBS)       13760       325°       12015       325°       KU       KU         1730       Korean (KCBS)       9435       25°       12015													
1430       Korean (KCBS)       1173       238°       SEAs         1430       Russian       9425       325°       I2015       325°       Ku         1530       Arabic       9880       286°       11710       28°       MAn         1530       English       9435       28°       11710       28°       KU         1530       English       9435       28°       11710       28°       KU         1630       English       9435       28°       11710       28°       KU         1630       Erench       9425       325°       12015       325°       KU       KU         1630       French       9435       28°       11710       28°       KU       KU         1630       French       9435       28°       11710       28°       KU       KU         1630       German       9425       325°       15245       325°       KU       KU       KU         1730       Korean (KCBS)       9335       28°       12015       325°       KU       KU         1730       Russian       9425       325°       12015       325°       KU       KU													
1430       Russian       9425       325°       Eu         1530       Arabic       9800       296°       11645       296°       MA         1530       English       9435       28°       11710       28°       MA         1530       English       13760       325°       15245       325°       MA         1630       English       9425       325°       15245       325°       ME       ME         1630       English       9425       325°       11710       28°       ME       NAm         1630       French       9435       28°       11710       28°       ME       NAm         1630       German       9425       325°       12015       325°       ME       ME       NAf         1730       Korean (KCBS)       9435       28°       11710       28°       ME       NAm         1730       Korean (KCBS)       9435       28°       11710       28°       ME       NAm         1730       Korean (KCBS)       9425       325°       15245       325°       WEu       WEu         1830       French       7210       271°       19100       271°       SAf<													
1530       Arabic       9890       296°       11645       296°       ME, NAf         1530       English       9435       28°       11710       28°       ME         1530       English       9425       325°       12015       325°       ME, NAf         1630       English       9890       26°       11645       296°       ME, NAf         1630       French       9425       28°       11710       28°       ME, NAf         1630       French       9435       28°       11710       28°       ME, NAf         1630       French       13760       325°       15245       325°       ME, NAf         1730       Arabic       9890       296°       11645       296°       ME, NAf         1730       Korean (KCBS)       9435       28°       11710       28°       ME       MAm         1730       Russian       9425       325°       12645       325°       WE       WE       WE         1730       Russian       9426       325°       12015       325°       WE       WE         1730       Russian       9425       325°       12163       325°       WE       W													
1530       English       9435       28°       11710       28°       Kam         1530       English       13760       325°       15245       325°       Ku         1530       English       9425       325°       15245       325°       Ku         1630       English       9490       28°       11710       28°       ME, NAf         1630       French       9435       28°       11710       28°       ME       NAm         1630       German       9425       325°       12015       325°       Ku       Ku         1730       Arabic       9890       296°       11645       296°       ME, NAf       MAm         1730       Korean (KCBS)       9435       28°       11710       28°       MEu       MEu         1730       Korean (KCBS)       13760       325°       12245       325°       Ku       Ku         1730       Russian       9425       325°       12015       325°       Ku       Ku         1730       Rorean (KCBS)       9435       28°       12163       28°       Ku       Ku         1730       Russian       9425       325°       12015													
1530       English       13760       325°       15245       325°       KEu       KEu         1530       Russian       9425       325°       12015       325°       KU       KU       KU         1630       English       9890       296°       11645       296°       KU       KU       KU         1630       French       13760       325°       15245       325°       KU       KU         1630       German       9425       325°       12015       325°       KU       KU         1730       Korean (KCBS)       9435       28°       11710       28°       KU       KU         1730       Korean (KCBS)       9435       28°       1215       325°       KU       KU         1730       Korean (KCBS)       13760       325°       15245       325°       KU       KU       KU         1730       Korean (KCBS)       9435       25°       12015       325°       KU       KU       KU       KU         1730       Korean (KCBS)       7210       271°       11910       271°       KU       SAf       KU       KU       KU       KU       SAf       KU       KU <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>													
1630       English       9890       296°       11645       296°       ME, NAf         1630       French       9435       28°       11710       28°       MAm         1630       German       9425       325°       12015       325°       Eu       MEu         1630       German       9425       325°       12015       325°       ME, NAf         1730       Korean (KCBS)       9435       28°       11710       28°       ME, NAf         1730       Korean (KCBS)       13760       325°       15245       325°       WEu       MAm         1730       Korean (KCBS)       13760       325°       15245       325°       WEu       MAf         1730       Korean (KCBS)       13760       325°       12015       325°       WEu       SAf         1830       French       7210       271°       11910       271°       SAf       SAf         1830       German       9425       325°       12015       325°       Eu       SAf         1930       English       7210       271°       11910       271°       SAf       SAf         1930       Spanish       13760       325° <td></td> <td>-</td> <td></td> <td>325°</td> <td>15245</td> <td>325°</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>WEu</td>		-		325°	15245	325°							WEu
1630       French       9435       28°       11710       28°       NAm         1630       German       9425       325°       15245       325°       WEu         1730       Arabic       9890       296°       11645       296°       ME, NAf         1730       Korean (KCBS)       9435       28°       11710       28°       NAm         1730       Korean (KCBS)       13760       325°       15245       325°       WEu         1730       Russian       9425       325°       15245       325°       WEu         1730       Russian       9425       325°       12015       325°       WEu         1830       French       7870       271°       11910       271°       SAf         1830       French       9875       296°       11635       296°       ME, NAf         1930       English       7210       271°       1910       271°       SAf         1930       English       9875       296°       1635       296°       ME, NAf         1930       Berglish       13760       325°       12015       325°       WEu         2030       Korean (KCBS)       9425 </td <td></td>													
1630       French       13760       325°       15245       325°       WEu         1630       German       9425       325°       12015       325°       Ku       Eu         1730       Arabic       9890       296°       11645       296°       ME, NAf         1730       Korean (KCBS)       9435       28°       11710       28°       WEu         1730       Korean (KCBS)       9435       25°       15245       325°       WEu         1730       Korean (KCBS)       13760       325°       15245       325°       WEu         1830       English       13760       325°       12015       325°       WEu         1830       French       7210       271°       11910       271°       SAf         1830       German       9425       325°       12015       325°       Eu         1930       German       9425       325°       12015       325°       WEu         1930       German       9425       325°       12015       325°       WEu         1930       German       9425       325°       12015       325°       WEu         1930       German <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>													
1630       German       9425       325°       12015       325°       ME       ME       NAf         1730       Arabic       9890       296°       11645       296°       ME       NAm         1730       Korean (KCBS)       9435       28°       15245       325°       WEu       WEu         1730       Russian       9425       325°       15245       325°       WEu       WEu         1730       Russian       9425       325°       15245       325°       WEu       WEu         1830       French       7210       271°       1910       271°       SAf       SAf         1830       German       9425       325°       12015       325°       ME       Ku         1930       English       7210       271°       11910       271°       Ku       Ku         1930       German       9425       325°       12015       325°       Ku       Ku         1930       English       7210       271°       11910       271°       Ku       Ku         1930       Spanish       13760       325°       15245       325°       Ku       Ku         1930 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>													
1730       Arabic       9890       296°       11645       296°       ME, NAf         1730       Korean (KCBS)       9435       28°       11710       28°       NAm         1730       Korean (KCBS)       13760       325°       15245       325°       Eu       Kus         1730       Russian       9425       325°       12015       325°       Kus       Kus         1830       English       13760       325°       15245       325°       Kus       Kus         1830       French       7210       271°       11910       271°       Kus       Kus       Kus         1830       German       9425       325°       12015       325°       Kus       Kus       Kus         1930       German       9425       325°       12015       325°       Kus       Kus       Kus         1930       German       9425       325°       12015       325°       Kus       Kus       Kus         1930       German       9425       325°       12015       325°       Kus       Kus       Kus         1930       German       9425       325°       12015       325°       Kus       <													
1730       Korean (KCBS)       9435       28°       11710       28°       WEu         1730       Korean (KCBS)       13760       325°       15245       325°       WEu         1730       Russian       9425       325°       12015       325°       WEu         1830       English       13760       325°       15245       325°       WEu         1830       French       7210       271°       11910       271°       SAf         1830       French       7210       271°       11910       271°       Eu         1830       German       9425       325°       12015       325°       Eu         1930       English       7210       271°       11910       271°       Keu         1930       German       9425       325°       12015       325°       WEu         2030       French       13760       325°       15245       325°       WEu         2030       Korean (KCBS)       9425       325°       12015       325°       WEu         2030       Korean (KCBS)       9475       1635       296°       ME, NAf         2130       Chinese       7235       ND													
1730       Korean (KCBS)       13760       325°       15245       325°       Ku         1730       Russian       9425       325°       12015       325°       Ku         1830       French       7210       271°       11910       271°       SAf         1830       French       9875       296°       11635       296°       ME, NAf         1830       German       9425       325°       12015       325°       Eu         1930       English       7210       271°       11910       271°       SAf         1930       German       9425       325°       12015       325°       K       Eu         1930       German       9425       325°       12015       325°       K       Ku         1930       German       9425       325°       12015       325°       Ku       Ku         1930       Spanish       13760       325°       15245       325°       Ku       Ku       Ku         2030       Korean (KCBS)       9475       296°       11635       296°       Ku       Ku         2130       Chinese       9875       271°       11635       296° <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>													
1830       English       13760       325°       15245       325°       WEu         1830       French       7210       271°       11910       271°       SAf         1830       French       9875       296°       11635       296°       Eu       SAf         1830       German       9425       325°       12015       325°       Eu       SAf         1930       English       7210       271°       11910       271°       SAf         1930       English       9875       296°       11635       296°       ME, NAf         1930       German       9425       325°       12015       325°       Eu       WEu         1930       Spanish       13760       325°       15245       325°       WEu       WEu         2030       Korean (KCBS)       7210       271°       11910       271°       SAf       SAf         2030       Korean (KCBS)       9425       325°       12015       325°       Eu       SAf         2030       Korean (KCBS)       9475       296°       ME, NAf       NECHN       NECHN         2130       Chinese       9875       271°       11635	1730												
1830       French       7210       271°       11910       271°       SAf         1830       French       9875       296°       11635       296°       ME, NAf         1830       German       9425       325°       12015       325°       SAf         1930       English       7210       271°       11910       271°       SAf         1930       English       7210       271°       11910       271°       SAf         1930       English       7210       271°       12015       325°       Eu       SAf         1930       German       9425       325°       12015       325°       Eu       WEu         2030       French       13760       325°       15245       325°       WEu       SAf         2030       Korean (KCBS)       9425       325°       12015       325°       Eu       WEu         2030       Korean (KCBS)       9425       325°       12015       325°       Eu       ME, NAf         2130       Chinese       7210       271°       11635       296°       ME, NAf       NECHN         2130       Linese       9875       271°       11635 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>													
1830       French       9875       296°       11635       296°       ME, NAf         1830       German       9425       325°       12015       325°       Eu         1930       English       7210       271°       11910       271°       SAf         1930       English       9875       296°       11635       296°       ME, NAf         1930       German       9425       325°       1215       325°       Eu       ME, NAf         1930       German       9425       325°       15245       325°       WEu       WEu         2030       French       13760       325°       15245       325°       WEu       WEu         2030       Korean (KCBS)       7210       271°       11910       271°       SAf         2030       Korean (KCBS)       9425       325°       12015       325°       Eu         2030       Korean (KCBS)       9425       325°       12015       325°       Eu       2030         Korean (KCBS)       945°       ND       21015       325°       ME, NAf       NECHN         2130       Linese       9875       271°       11635       271°       MEQ													
1830       German       9425       325°       12015       325°       Eu         1930       English       7210       271°       11910       271°       SAf         1930       English       9875       296°       11635       296°       ME, NAf         1930       German       9425       325°       12015       325°       Eu         1930       Spanish       13760       325°       15245       325°       WEu         2030       French       13760       325°       15245       325°       WEu         2030       Korean (KCBS)       7210       271°       11910       271°       SAf         2030       Korean (KCBS)       9425       325°       12015       325°       Eu         2030       Korean (KCBS)       9475       296°       11635       296°       ME, NAf         2130       Chinese       7235       ND       9445       ND       MEU       MEU         2130       Chinese       9875       271°       11635       271°       MEU       MEU         2230       Chinese       9875       271°       11635       271°       MEU       MEU         <													
1930       English       7210       271°       11910       271°       ME, NAf         1930       English       9875       296°       11635       296°       ME, NAf         1930       German       9425       325°       12015       325°       Eu       ME         1930       Spanish       13760       325°       15245       325°       WEu       WEu         2030       French       13760       325°       15245       325°       WEu       SAf         2030       Korean (KCBS)       9425       325°       12015       325°       Eu       SAf         2030       Korean (KCBS)       9425       325°       12015       325°       Eu       SAf         2030       Korean (KCBS)       9475       296°       11635       296°       ME, NAf         2130       Chinese       7235       ND       9445       ND       NECHN       NECHN         2130       Laganese       621       ND       325°       15245       325°       ME       ME         2230       Chinese       735       ND       9445       ND       NECHN       NECHN         2230       Chinese <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>													
1930       English       9875       296°       11635       296°       ME, NAf         1930       German       9425       325°       12015       325°       Eu         1930       Spanish       13760       325°       15245       325°       WEu         2030       French       13760       325°       15245       325°       WEu         2030       Korean (KCBS)       7210       271°       11910       271°       SAf         2030       Korean (KCBS)       9425       325°       12015       325°       Eu         2030       Korean (KCBS)       9425       325°       12015       325°       Eu         2030       Korean (KCBS)       9875       296°       11635       296°       ME, NAf         2130       Chinese       7235       ND       9445       ND       NECHN       NECHN         2130       Lapanese       621       ND       3250       ND       9650       109°       11865       109°       J         2230       Chinese       9875       271°       11635       271°       CHN       2230       Japanese       621       ND       3250       ND       9650													
1930       German       9425       325°       12015       325°       Eu         1930       Spanish       13760       325°       15245       325°       WEu         2030       French       13760       325°       15245       325°       WEu         2030       Korean (KCBS)       7210       271°       11910       271°       SAf         2030       Korean (KCBS)       9425       325°       12015       325°       Eu       SAf         2030       Korean (KCBS)       9425       325°       12015       325°       Eu       SAf         2030       Korean (KCBS)       9875       296°       11635       296°       ME, NAf         2130       Chinese       7235       ND       9445       ND       MECHN         2130       Linglish       13760       325°       15245       325°       WEu       ME         2230       Chinese       7235       ND       9445       ND       NECHN       NECHN         2230       Chinese       9875       271°       11635       271°       CHN       ME       NECHN         2230       Chinese       9875       271°       11635													
2030       French       13760       325°       15245       325°       WEu         2030       Korean (KCBS)       7210       271°       11910       271°       SAf         2030       Korean (KCBS)       9425       325°       12015       325°       Eu         2030       Korean (KCBS)       9425       325°       12015       325°       Eu         2030       Korean (KCBS)       9425       325°       12015       325°       Eu         2030       Korean (KCBS)       9875       296°       11635       296°       ME, NAf         2130       Chinese       7235       ND       9445       ND       NECHN         2130       English       13760       325°       15245       325°       WEu         2130       Japanese       621       ND       3250       ND       9650       109°       11865       109°       J         2230       Chinese       7235       ND       9445       ND       NECHN       KEU         2230       Spanish       13760       325°       15245       325°       WEu       J         2330       Japanese       621       ND       3250													
2030       Korean (KCBS)       7210       271°       11910       271°       SAf         2030       Korean (KCBS)       9425       325°       12015       325°       Eu         2030       Korean (KCBS)       9875       296°       11635       296°       ME, NAf         2130       Chinese       7235       ND       9445       ND       NECHN         2130       Chinese       9875       271°       11635       271°       CHN         2130       English       13760       325°       15245       325°       WEu         2130       Japanese       621       ND       3250       ND       9650       109°       11865       109°       J         2230       Chinese       7235       ND       9445       ND       NECHN       NECHN         2230       Chinese       9875       271°       11635       271°       CHN       NECHN         2230       Spanish       13760       325°       15245       325°       WEu       J         2330       Japanese       621       ND       3250       ND       9650       109°       11865       109°       J         2330													
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2230         Spanish         13760         325°         15245         325°         WEu           2230         Japanese         621         ND         3250         ND         9650         109°         11865         109°         J           2330         Japanese         621         ND         3250         ND         9650         109°         11865         109°         J           2330         Korean (KCBS)         7235         ND         9445         ND         NECHN         NECHN           2330         Korean (KCBS)         9875         271°         11635         271°         CHN           2330         Korean (KCBS)         13760         325°         15245         325°         WEu													
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2330         Korean (KCBS)         7235         ND         9445         ND         NECHN           2330         Korean (KCBS)         9875         271°         11635         271°         CHN           2330         Korean (KCBS)         13760         325°         15245         325°         WEu													
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2330 Korean (KCBS) 13760 325° 15245 325° WEu	2330		9875	271°	11635	271°							CHN
(Arnult Piontek – Berlin via adx, August 15, 2015)													WEu
	(Arnul	t Piontek – Berlin	via adx, A	August	15, 2015	)							

**KOREA D.P.R. / MONGOLIA -** 12015v Terrible audio mixture noted on 1520-1540 UT tune-in on Aug 14. 12014.987 stronger signal from Kujang KRE, heard Russian language started at 1530-1557? UT - had pause at 1527-1530 UT - or 30 mins later due to new Korean Standard Timing - S=9+10dB level observed in southern Germany, Moscow-Russia, and Tokyo-Japan. And also bad main power delivery, heard BUZZ and visible 8 x 100 Hertz apart distance buzz tone FENCE, each sideband.

12014.875 typical Khonhor, Ulanbataar Mongolia offset of Voice of Mongolia Ulanbataar in Japanese 1500 UT, and English at 1530-1600 UT. Odd frequency fingerprint apart distance, was less-equal signal power level like Vo Korea Pyongyang from Kujang site, BBEF txs made in China. [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb, wwdxc BC-DX TopNews Aug 14)

**KURDISTAN [non]** - 11600, Radyoya Denge Kurdistane broadcast SUFFERED heavily by nearby RTTY ditter signal on center 11598 kHz, at 0704 UT on Aug 5th, annoying audio of S=8 ute signal strength. (wb)

Denge Kurdistan, change of transmitter from Grigoriopol to Secretbrod till 1415 on 11600 KCH 300 kW / 116 deg to WeAs Kurdish, ex till 1300 from 1415 on 11600\*SCB 100 kW / 090 deg to WeAs Kurdish, ex from 1300 \* plus spurs on 11570 under Radio Free Chosun and 11630 under CNR-17. (Ivo Ivanov, QTH: Sofia, Bulgaria, Equipment: Sony ICF-2001D 30 m, Aug 5-6, dxldyg via DXLD)

**MADAGASCAR / TAJIKISTAN** [to TIBET] - Updated A-15 shortwave schedule for Voice of Tibet:

1200-1215 NF 15542 DB 100 kW 095 deg to EAs Chinese, ex15543 1215-1230 NF 15543 DB 100 kW 095 deg to EAs Chinese, ex15537 1230-1245 NF 15562 DB 100 kW 131 deg to CAs Tibetan, ex15563 1245-1300 NF 15563 DB 100 kW 131 deg to CAs Tibetan, ex15557 1300-1315 on 15548 DB 100 kW 095 deg to EAs Chinese no change 1300-1315 NF 15568 DB 100 kW 131 deg to CAs Tibetan, ex15563 1315-1330 NF 15543 DB 100 kW 095 deg to EAs Chinese, ex15542 1315-1330 NF 15568 DB 100 kW 131 deg to CAs Tibetan, ex15563 1330-1345 NF 15548 DB 100 kW 095 deg to EAs Chinese, ex15542 1330-1345 NF 15562 DB 100 kW 131 deg to CAs Tibetan, ex15557 1345-1400 NF 15548 DB 100 kW 095 deg to EAs Chinese, ex15537 100 kW 131 deg to CAs Tibetan, ex15552 1345-1400 NF 15563 DB 1400-1415 on 15542 DB 100 kW 131 deg to CAs Tibetan no change 1400-1415 on 15525 MDC 250 kW 045 deg to CAs Tibetan Tue/Thu/Sa 1400-1415 on 15565 MDC 250 kW 045 deg to CAs Tibetan Mo/We/Fr/Su 1415-1430 NF 15543 DB 100 kW 131 deg to CAs Tibetan, ex15548 1415-1430 on 15530 MDC 250 kW 045 deg to CAs Tibetan Tue/Thu/Sa 1415-1430 on 15560 MDC 250 kW 045 deg to CAs Tibetan Mo/We/Fr/Su 7592 DB 100 kW 131 deg to CAs Tibetan no change 2300-2315 on 100 kW 131 deg to CAs Tibetan, ex7594 2315-2330 NF 7593 DB All frequencies are jammed by China on x0 / x5 frequencies. Change hopps between frequencies vary from 5 to 7 minutes. (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Aug 7)

**MONGOLIA** - Frequency change for Voice of Mongolia eff. from August 1: 0900-0930 NF 12014.9#U-B 250 kW / 178 deg SEAs English, ex 11999.9 0930-1000 NF 12014.9#U-B 250 kW / 116 deg EAs Mongolian, ex 11999.9 1000-1030 NF 12014.9 U-B 250 kW / 116 deg EAs Chinese, ex 11999.9 1030-1100 NF 12014.9 U-B 250 kW / 116 deg EAs Japanese, ex 11999.9 # co-ch Radio Japan NHK World in Japanese on 12015.0 (Observer via WOR 1786, DXLD)

**MOROCCO** - Radio Medi 1 on 9575 had already some difficulties with its very old transmitter and / or sufficient electric power during the past weeks. (we)

**MICRONESIA [FSM - Federated States of Micronesia, US protected area ...]** - 4755.54 PMA Pacific Missionary Aviati, The Cross Radio - Pohnpei. Since May 10 has been silent, through to July 22. (Ron Howard-CA-USA, via wwdxc BC-DX TopNews July 22)

**NEW ZEALAND** - 6169.995 Radio New ZealandI from Rangitaiki, at 1329 UT on Aug 14, S=7-8 signal noted on remote unit in Tokyo Japan, hit heavily by adjacent CNR 1st program signal from Beijing 6175 kHz. [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb, wwdxc BC-DX TopNews Aug 14)

**PAKISTAN -** Frequency change of PBC Radio Pakistan, August 15: 1404&1420 NF 15700 ISL 250 kW / 282 deg to N/ME Urdu, ex 15485 Transmission is scheduled 1330-1530, but today was till 1430UT On 15700 is registered also CRI in English via Quivican, Cuba. (DX MIX 923)

**PALAU -** Additional transmission of T8WH Angel 4 effective August 2 1430-1600 11805 HBN 100 kW / 270 deg SEAs English Sa, ex 11870/11955 1430-1500 11805 HBN 100 kW / 270 deg SEAs English Su, ex 11870/11955 1500-1530 11805 HBN 100 kW / 270 deg SEAs English Su

Minor change of T8WH Angel 5 1300-1400 on 9930 HBN 100 kW / 345 deg to NEAs English Su, no change 1330-1400 on 9930 HBN 100 kW / 345 deg to NEAs English Sa, ex 1300-1400 (DX MIX 922)

**PAPUA NEW GUINEA -** 7324.96, Wantok Radio Light. August 7 & 8, checking before 1000 UT (when CRI signs on), I was hearing absolutely no hint or trace of any WRL carrier on this very clear frequency. Think they have taken one of their frequent, extended absences.

I conclude therefor that 3275 kHz (NBC Southern Highlands) and 3365 kHz (NBC Milne Bay) are the only active SW stations operating from PNG, as heard Aug 8. Radio Fly (3915 & 5960 kHz) continues their long silence, although I do regularly check for their return. (Ron Howard-CA-USA, wwdxc BC-DX TopNews Aug 8)

Radio New Ireland aus Kavieng, im letzten Winter noch auf 3905 kHz aus Papua zu hören hat den Sendebetrieb auf Kurzwelle wegen fehlender Ersatzteile für den Sender eingestellt, berichtet Timm Breyel aus Malaysia, der gestern eine der sehr seltenen QSL Karten des Senders aus dem Pazifik erhielt. (CR, a-dx, 29. Juli 2015)

**PERU** - A nice article in Spanish about the history of Radio in Peru ("LA RADIO EN EL PERÚ") can be found here: <a href="http://historyperiodismoperu.blogspot.com/2011/06/la-radio-en-el-peru.html">http://historyperiodismoperu.blogspot.com/2011/06/la-radio-en-el-peru.html</a>. (Pedro Arrunátegui <a href="https://peru.html">peru</a> (Pedro Arrunátegui <a href="http://peru.html">peru</a> (Pedro Arrunátegui </a> (Pedro Arrunátegui <a href="http://peru">peru</a> (Pedro Arrunátegui </a> (Pedro Arrunáte

**SAUDI ARABIA** - One of the - NINE - old 500 kW beasts heard again from BSKSA Riyadh today on odd frequency fingerprint 17614.975 kHz Holy Quran px, S=9+10 in Germany, at 0900 UT on Aug 14.

On exact 17805.000 kHz BSKSA Riyadh's 1st program in Arabic, S=9+30dB at 0910 UT on Aug 14.

11934.965 odd frequency, another old 500 kW beast, still in service, BSKSA Holy Quran sce prayer at 1120 UT on Aug 14, S=6-7 poor signal into southern Germany. (wb, wwdxc BC-DX TopNews Aug 14)

Saudi Broadcast Corporation (SBC), Saudi's National Broadcaster, has contracted Ampegon through undisputed Saudi market leader First Gulf Company (FGC) for the renewal of their radio transmission site in Riyadh.

Ampegon will deliver four 500 kW shortwave transmitters, four shortwave antennas HRS 4/4/0.5 and the BroadMaster broadcast control system. (Ampegon, Sept 2014) (wb, wwdxc BC-DX TopNews May 15)

Seemingly ARS BSKSA put these four 500 kW shortwave transmitters already on air, and exchanged but scrapped the old TX units now.

No odd frequency measurements occured lately on the 15380, 17730, or 17740 kHz bcast outlets from Riyadh.

Today August 10<sup>th</sup> (2015)

0800 UT HQ px on 15380.000 S=9+15 dB here in southern Germany.

17730.000 Ar 1st px S=9+40dB at 0807

17740.000 Ar 1st px S=9+30dB, but UNDERMODULATED audio level.

and the local non-dir 9714.921 kHz Arabic to peninsula, NE/ME around coverage.

(wb, wwdxc BC-DX TopNews Aug 10)

**SINGAPORE** - 11740.0 NHK World Radio Japan Tokyo, via Kranji Singapore relay site at 1030-1100 UT, end stn ID at 1059 UT, noted txion off at 11.00:02 UT, but only for 6 seconds, antenna matrix switch from 330deg to 000deg zero true north azimuth, NHK Vietnamese sce followed from 11.00:15 UT onwards. But underneath 11 UT also CNR 2nd program from Lingshi tx center #725 site started. I guess, also a mess mixture to be heard in Vietnam target zone? Checked in Tokyo SDR remote unit. [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb, wwdxc BC-DX TopNews Aug 14)

**SOUTH AFRICA** - As always Channel Africa provides an interesting news selection, on 24 July including a segment on the Maroua suicide bombing which was later also heard in the English programme of Deutsche Welle!

15255 0620 45444 AFS Channel Africa, En, Africa rise and shine 2407 HjB

0620-0640 suicide bomb attack on market in Maroua (Cameroon), Situation of HIV infected foreign prisonders in Botswana, 0630 UT ID, Headlines EU/Burundi, US president Obama in Kenya, French soldiers/still unprosecuted abuse of African children, main news: alleged financial misconduct of president Zuma, less EU aid for South Africa. (Prof. Dr. Hansjoerg Biener-D, ntt via wwdxc BC-DX TopNews July 24/26)

**SWAZILAND** - 6120, TWR (Manzini) 0502+ 31 July, \*0501+ 1 August. Just beating the noise level with abrupt s/on in English, into contemporary Christian pop and message about Elisha (31 July), less music but more chat about effective prayer on 1 Aug. // 4775 well under CODAR, but still audible. 6120 tends not to use the TWR IS before s/on, while 4775 is "religious" about having the IS on well before \*0500. (Dan Sheedy, Encinitas, CA G5/6m X wire, DXLD)

#### SWAZILAND [UAE/UZBEKISTAN] -

TWR Africa, Manzini Swaziland Summer BROADCAST SCHEDULE A-15 - 29th March 2015 to 24th October 2015:

TIME/UTC DAYS	LANGUAGE M	B FI		VR AI	NT AZ	7T T2	arget
0255-03106.	Ndebele	90	3200	50			Zimbabwe
0255-03257		90	3200	50	8	3	Zimbabwe
0255-0325 1234567	-	90	3240	50	6	3	Zimbabwe
0255-0325 12345	Ndebele	90	3200	50	8	3	Zimbabwe
0325-0340 1234567		90	3240	50	6	3	Zimbabwe
0342-0357 1234567		60	4775	50	8	3	Mozambique
0400-0430 12345	German	60	4775	50	4		South Africa
0400-0430 12345	German	90	3200	50	9	233	South Africa
0400-050067	German	90	3200	50	9	233	South Africa
0400-050067		60	4775	50	4	233	South Africa
0500-0800 1234567	English	60	4775	50	4	233	Southern Africa
0501-0800 1234567	English	49	6120	50	4	233	Southern Africa
1400-1415 1234567	Urdu	19	15360	100	103	43	Pakistan
1418-14536.	Makua	41	7315	100	11	5	NoMozambique
1425-1455 1234567	English	60	4760	50	6	3	Zimbabwe
1440-152567	French	31	9585	100	3	64	Madagascar
1455-1525 1234567	Shona	60	4760	50	6	3	Zimbabwe
1455-1525 12345	Malagasy	31	9585	100	3	64	0
1525-155567	•	60	4760	50	6	3	Zimbabwe
1525-1555 12345	Ndebele	60	4760	50	6	3	Zimbabwe
1555-1625 1234567	Shona	60	4760	50	6		Zimbabwe
1557-1627 12345	KiRundi	19	15105	100	10B		Burundi
1630-1645 .2	Shangaan	90	3200	50	6	3	SoMozambique
1630-16456.	-	90	3200	50	6	3	SoMozambique
1630-1645 .2	Oromo	25	11700	100	10B		Ethiopia
1630-1645 17		25	11700	100	10B		Ethiopia
1630-164556.		25	11700	100	10B		Ethiopia
1630-170034	Oromo	25	11700	100	10B		Ethiopia
1645-17007		25	11700	100	10B	13	Ethiopia
1645-170056.	Hadiya	25	11700	100	10B	13	Ethiopia
1645-1700 123	Oromo/Borana		11700	100	10B	13	
	Amharic	25	11700	100	10B		Ethiopia
1700-1730 12345.7	Amharic	25	11700	100	10B	13	Ethiopia

1700-1730	1234567	Yawo	41	7300	100	6	3	Malawi/NoMOZ
1715-1745	6 .	Oromo	25	11700	100	10B	13	Ethiopia
1730-1800	7	Amharic	25	11700	100	10B	13	Ethiopia
1730-1800	12345	Oromo	25	11700	100	10B	13	Ethiopia
1745-1815	1234567	Swahili	31	9475	100	11	5	East Africa
1800-1830	1234567	Zulu	MW	1170	50	MW	ND	Swaziland
1802-1847	7	Swahili	31	9500	100	10B	13	East Africa
1802-1847	1234	English	31	9500	100	10B	13	East Africa
1802-1902	56 .	English	31	9500	100	10B	13	East Africa
1820-1850			49	6130	100	1	312	Angola
1830-2155	1234567	English	MW	1170		MW	ND	Southern Africa
		Portuguese	49	6130				Angola (WttW)
1847-1902	12347	Juba Arabic	31	9500	100	10B	13	East Africa
1850-1905			49	6130	100	1		Angola
1905-1920			49	6130	100	1		Angola
1905-1935			31	9940	100	101		D R Congo
		Portuguese	49	6130			312	Angola
1920-1935	1	Luvale	49	6130	100	1		Angola
1920-1935		•	49	6130				Angola
1935-1950	12	Portuguese	49	6130	100	1		Angola
1935-1950	4	Luvale	49	6130				Angola
1935-1950			49	6130				Angola
		Lunyaneka	49	6130				Angola
1935-1950			49	6130		1		Angola
1935-1950			49	6130		1		Angola
1935-1955			31	9940		101		D R Congo
		Portuguese	49	6130		1		Angola
1955-2005	6.		31			101		D R Congo
2020-2035	1234567	Kimbundu	49	6130	100	1	312	Angola

Explanation:

DAY is the day of the broadcast MTWTFSS = 1234567. 1 is Monday etc. & 7 is Sunday FREQ is the frequency in kilohertz MB is the metreband PWR is the power of the transmitter in Kilowatts. AZI is the azimuth direction of the antenna.

Local times are: Kenya UTC+3 Ethiopia UTC+3 Somalia UTC+3 Tanzania UTC+3 Sudan UTC+2 Mozambique UTC+2 Angola UTC+1 Zimbabwe UTC+2 DRC UTC+1

Notes: Changed the Evening Zimbabwe block to 4760 kHz Morning English stays the same. The Southern Mozambique block stays the same on 3200 kHz

Other TWR Africa SW Broadcasts via Al Dhabbaya and Tashkent: BROADCAST SCHEDULE A-15 29th March 2015 to 24th October 2015

TIME/UTC	DAYS	LANGUAGE	MB	FREQ	PWR	ANT	AZI	Target	TX Stn
0330-0345	34	Sidamo	25	11650	200		215	Ethiopia	TAC
0330-0345	15.7	Amharic	25	11650	200		215	Ethiopia	TAC
0330-0345	.2	Oromo	25	11650	200		215	Ethiopia	TAC
0500-0515	6 .	Oromo	19	15720	250		225	Ethiopia	DHA
1300-1315	4567	Afar	16	17680	250		230	Ethiopia	DHA
1630-1700	123456.	Somali	25	11635	250			Kenya/Somali	
1630-1645	7	Somali	25	11635	250		215	Kenya/Somali	DHA
1800-1830	7	Kunama	49	6120	250		225	Eritrea	DHA
1800-1830	6 .	Tigre	49	6120	250		225	Eritrea	DHA
1800-1815			49	6120	250		225	Eritrea	DHA
1815-1845	12345	Tigrinya	49	6120	250		225	Eritrea	DHA

Explanation:

DAY is the day of the broadcast MTWTFSS = 1234567. 1 is Monday etc. & 7 is Sunday FREQ is the frequency in kilohertz MB is the metreband PWR is the power of the transmitter in Kilowatts. AZI is the azimuth direction of the antenna.

Note:

Morning block changing from the 31mb to the 25mb (0330-0345 UT). (sq9jks, dxld Aug 16; transformed by wb, wwdxc BC-DX TopNews)

**TAIWAN -** Frequency change of new religious service E-Bible Fellowship from Aug.15: 1100-1200 NF 9690vTNN 250 kW / 250 deg to SEAs Vietnamese, ex 9625v, to avoid NHK (DX MIX 923)

11985.000 Radio Taiwan Internat. via new Ampegon 300kW TX unit atTamsui, at 2 degrees true north azimuth RIGID antenna. Some Chinese/Russian translation lesson followed by Taiwanese pop singer at 1138 UT on Aug 14, scheduled Russian language section at 11-12 UT daily.

Some SOH program outlets in Chinese (many times Mao Tse Tung mentioned...) from Taiwan noted on Tokyo remote SDR unit logged around 1200-1220 UT on Aug 14.

Strongest reception on 9359.955 kHz, but also on 9230.130, poor tiny 9255.082, and weak signal 9320.088 kHz.

7200.007 Small audio band MUFFLED signal, likely SOH Taiwan broadcast, S=6 at 1310 UT on Aug 14. Endless political speech ... in Chinese. Nothing noted of Myanmar Burmese sce today.

7600.022 SOH from Taiwan, poor S=6 signal at 1321 UT on Aug 14, in Chinese. [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb, wwdxc BC-DX TopNews Aug 14)

**TIBET [CHINA]** - Reception of PBS Xizang Holy Tibet on 4 freqs: from 1645 on 4905 LHA 100 kW / non-dir to EAs English from 1645 on 6130 LHA 100 kW / 290 deg to EAs English from 1645 on 7255 LHA 100 kW / 085 deg to EAs English from 1645 on 9590 LHA 100 kW / 220 deg to EAs English (Ivo Ivanov, QTH: Sofia, Bulgaria, Aug 12 dxldyg via DXLD)

UGANDA - Still missing Uganda 4976 since several months, the weeks before only occasional broadcasts. (we)

**UNITED ARAB EMIRATES -** 11909.984 BBC Urdu language program observed from Al Dhabbaya relay bcast center at 1522 UT on Aug 14. Scheduled 15-16 UT, here in southern Germany signal strength is S=9+25dB today. Program report of Punjab video. [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb, wwdxc BC-DX TopNews Aug 14)

Radio ERGO and TWR Africa via BABCOCK Al Dhabayya, July 30 Radio ERGO 1200-1300 17845 DHA 250 kW 225 deg to EaAF Somali Trans World Radio Africa 1300-1315 17680 DHA 250 kW 230 deg to EaAF Afar Thu-Su (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Aug 4)

15530.120 Very odd frequency noted on BBC Somali sce at 1100-1129 UT on July 28, via Al Dhabbaya relay bcast center in UAE. (wb, wwdxc BC-DX TopNews July 28)

**UNITED KINGDOM [SOUTH AFRICA]** - 6190, BBC (Meyerton) 0507-0520 31 July. "Newsday" programme with items about the Calais migrant crisis, debris recovered from the Indian Ocean that may be from the Malaysian Airlines flight, Beijing/Almaty in the running for the 2022 Winter Olympics [IOC meeting in Kuala Lumpur], fair signal with // 7445 (Ascension) much better. However, a check on 1 August at \*0456 had 6190 doing a mid-sentence s/on with chat, BBC WS ID/programme promo and preview of news items on "Weekend" with a stronger signal than 7445. (Dan Sheedy, Encinitas, CA G5/6m X wire, DXLD)

**U.S.A.** - Frequency change of EWTN, Radio Catolica Mundial, WEWN-3:

0500-1300 NF 7515 EWN 250 kW / 220 deg to MEX Spanish, x 7555 // frequency 11870 EWN 250 kW / 155 deg to SoAm Spanish, WEWN-3. And another minor change of WEWN-1, wrong listed in EWTN A-15 schedule: 1300-1500 on 15610 EWN 250 kW / 355 deg to SEAs English, not 1300-1600 1500-1900 on 15610 EWN 250 kW / 040 deg to N/ME English, not 1600-1900 (DX MIX 923) Updated A-15 schedule of WBCQ The Planet effective August 13: 1900-2000 on 7490 BCQ 050 kW / 245 deg to ENAm English Tue 2000-2100 on 7490 BCQ 050 kW / 245 deg to ENAm English Mon-Fri 2100-2200 on 7490 BCQ 050 kW / 245 deg to ENAm English Sun 2200-2300 on 7490 BCQ 050 kW / 245 deg to ENAm English Mon-Fri Brother Stair 2200-2300 on 7490 BCQ 050 kW / 245 deg to ENAm English Sat/Sun 2300-2400 on 7490 BCQ 050 kW / 245 deg to ENAm English Daily 2300-2400 on 5110vBCQ 050 kW / 245 deg to ENAm English CUSB Sat/Sun 0000-0100 on 5110vBCQ 050 kW / 245 deg to ENAm English CUSB Sat 0000-0100 on 7490 BCQ 050 kW / 245 deg to ENAm English Mon Brother Stair 0000-0100 on 7490 BCQ 050 kW / 245 deg to ENAm English Tue-Sun 0000-0100 on  $9330\nu\text{BCQ}$  050 kW / 245 deg to ENAm English CUSB Daily 5110vBCQ 050 kW / 245 deg to ENAm English CUSB Sun/Mon 0000-0400 on 0100-0300 on 7490 BCQ 050 kW / 245 deg to ENAm English Daily Brother Stair 0300-0400 on 7490 BCQ 050 kW / 245 deg to ENAm English Mon-Sat 0300-0400 on 7490 BCQ 050 kW / 245 deg to ENAm English Sun Brother Stair 0400-0700 on 7490 BCQ 050 kW / 245 deg to ENAm English Tue-Sat Art Bell 5110v=5109.8; 9330v=9330.2

(DX MIX 923)

5829.984 WTWW English religious ministry progr, at 1050 UT on Aug 5, worldwide "Scriptions to America", given address pastor Peter G. Peters, P.O.Box 766, Colorado 80535 US postal code.

7570 Family Radio in Japanese language, scheduled 10-11 UT, noted at 1055 UT on Aug 5, S=9+25dB proper signal heard in SDR unit in Edmonton, Alberta, relayed via RMI Okeechobee Florida-USA.

5109.915 carrier of WBCQ visible, BS prayer program at 0603 UT Aug 5. cusb signal upper sideband. S=7 rather poor on European "fade-out" time, heard in southern Germany.

5829.986 WTWW English hillbilly American roots music - but also talk about Christ, King of Israel, The Lord, powerful S=9+5dB signal in Germany at 0614 UT on Aug 5th.

7490 Phone-in program, Aoki Nagoya list didn't show a real program there at this time slot. Two presenter on air of WBCQ? S=6 signal here in southern Germany. Talk on US security in past decades, US prison structure, also on US Space Traffic programms. // 9330.119 kHz cusb mode, latter hopps 'up and down', not frequency stable TX unit, moves some 20-25 Hertz up and down

9369.982 Brother Stair is singing ! At 0658 UT on Aug 5th, WWRB relay sermon, about Kingdom, New Lord and God talk. (wb, wwdxc BC-DX TopNews Aug 5)

11580 FG Radio via Okeechobee Florida, at 2300-2315 UT on Tuesday July 14, opened with nice ID ("Worldwide on shortwave, this is FG Radio") followed by news. Gave French language ID at 2309 UT followed by vocal selection and closing ID. Closed with John Denver tune before WRMI cut in with an Ian McFarland ID announcement. Very good signal and nice to hear a news report in English.

11580 FG Radio via Okeechobee verified an electronic report with an overnight electronic reply thanking me for the detailed reception report promising a QSL card via snail mail in the coming week. (Rich D'Angelo-PA-USA, DXplorer July 20)

Test broadcast of Art Bell's Mid-night In The Desert via WBCQ on July 20: 0500-0700 7490.0 BCQ 50 kW 245 deg to ENAm English AM. 0500-0700 9330.1 BCQ 50 kW 245 deg to ENAm English CUSB. Good signal til 0600 UT, poor from 0600 UT, co-ch Cuban Spy Number HM01 Su/Mo/Wed/Fr from 0657 UT.

Open carrier / dead air of WTWW-3 on 12105 kHz at 0750 UT, July 20. (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews July 20)

AWR-Cuba via WRMI. From the August 2nd edition of Wavescan:

"Adventist World Radio has just begun a new service to Cuba, which is also audible throughout much of Latin America and the Caribbean. The new 30-minute program, which began August 1st, is broadcast twice daily at 1100 and 2300 UT on the frequency of 5950 kHz via the transmitter site of WRMI in Okeechobee, Florida.

And particularly interesting is the fact that the program originates at AWR studios in Cuba with all locally-produced content, such as a segment called "Somos Cuba" or "We are Cuba." Much of the AWR-Cuba programming is intended for young people, but there are features for a wide variety of listener interests. Again, the new service can be heard daily at 1100 and 2300 UT on 5950 kHz." (Jeff White-FL-USA WRMI Aug 1, dxld)

WTWW Lebanon was noted on a Saturday and Sunday (25/26 July 0300 UT 5085 kHz) with a C Crane sponsored oldies request show with Ted Randall <a href="http://tedrandall.com/">http://tedrandall.com/</a>

The programme broadcast as if live was also available some seconds later at <http://wtww.us/pages/listen-live.php> The web site currently does not show a schedule for this transmitter.

5085 kHz at 0315 UT on July 25. 25322 USA WTWW Lebanon, E, Oldies request show, 0315 UT advtm. "Skywave" short wave radio (C. Crane), 0325 UT advtm. for Bible programme on 9475 kHz, 0329 UT praise music, 0333 adv. ham test online/ham it forward, Aretha Franklin, J. Buttler, 0340 UT tune out.

5085 kHz at 0325 UT on July 26. 25322 USA WTWW Lebanon, Oldies programm 3, 0325 "How do you do", "I fought the law, and the law won".

(Prof. Dr. Hansjoerg Biener-D, wwdxc BC-DX TopNews July 26)

Really weird programme Infowars noted on WWCR Nashville. On 25 July, the host and his friends jumped between different conspiracy theories which seemed to be closely interrelated and highly plausible to them: Globalist conspiracy to disarm US citizens, Pentagon under the control of the "Pentagram", US-president Obama as a puppet of dark forces in their fight against white patriots. Alex Jones' Infowars <a href="http://www.infowars.com/">http://www.infowars.com/</a>> are broadcast mo-fr 0200 UT, tue-sat 0600 UT on 4840 kHz WWCR-3.

4840 kHz at 0340 UT on July 25. 25322 USA WWCR Nashville, E, Infowars: conspiracy theories, 0348 UT tune out. (Prof. Dr. Hansjoerg Biener-D, wwdxc BC-DX TopNews July 25/26)

**UZBEKISTAN** - 7530.00 Stream of Praise - Music Ministries, via Tashkent, \*2100-2130\* UT, daily, heard July 24 and 25, religious talks in Cantonese and occasional musical bridges. Chinese is also scheduled although not heard. This is a new station which transmits religious talks in Cantonese and is directed toward China. (Ford)

Also heard at \*2059-2110 UT on July 26, Music, Cantonese ID, annmt, hymn, preaching, 45444. (Petersen) (Anker Petersen-DEN, dswci DXW Aug 5)

**UZBEKISTAN / ARMENIA -** Voice of Martyrs and FEBA Radio on 7510 kHz: till 1730 NF 7510 TAC 100 kW / 070 deg to NEAs Korean Voice of Martyrs from 1730 on 7510 ERV 300 kW / 192 deg to EAf Silte FEBA Radio

Frequency change of Voice of Martyrs on Aug. 15: 1600-1730 NF 7505 TAC 100 kW / 070 deg to NEAs Korean, ex 7510. (DX MIX 923)

VATICAN (non) - Summer A-15 SW schedule of Vatican Radio:

0040-0100 on 11730 SMG 250 kW / 086 deg to SAs Hindi 0040-0100 on 15470 TIN 250 kW / 283 deg to SAs Hindi 0100-0120 on 11730 SMG 250 kW / 086 deg to SAs Tami1 0100-0120 on 15470 TIN 250 kW / 283 deg to SAs Tami1 0120-0140 on 11730 SMG 250 kW / 086 deg to SAs Malayalam 0120-0140 on 15470 TIN 250 kW / 283 deg to SAs Malayalam 0140-0200 on 11730 SMG 250 kW / 086 deg to SAs English 0140-0200 on 15470 TIN 250 kW / 283 deg to SAs English 0200-0220 on 15460 TAC 100 kW / 163 deg to SAs Hindi 7305 GB 250 kW / 184 deg to CAm 0200-0245 on Spanish 6185 SMG 100 kW / 086 deg to CAs 0210-0230 on Armenian 0210-0230 on 7360 SMG 250 kW / 086 deg to CAs Armenian 0220-0240 on 15460 TAC 100 kW / 163 deg to SAs Tami1 0240-0300 on 15460 TAC 100 kW / 163 deg to SAs Malayalam 0300-0320 on 15460 TAC 100 kW / 163 deg to SAs English

7360 MDC 250 kW / 295 deg to CEAf English 0300-0330 on 9660 SMG 250 kW / 150 deg to CEAf English 0300-0330 on 7360 MDC 250 kW / 295 deg to CEAf Swahili Su 0330-0345 on 9660 SMG 250 kW / 150 deg to CEAf Swahili Su 0330-0345 on 7360 MDC 250 kW / 295 deg to CEAf Swahili Mo-Sa 0330-0400 on 9660 SMG 250 kW / 150 deg to CEAf Swahili Mo-Sa 0330-0400 on 0345-0400 on 9660 SMG 250 kW / 135 deg to EAf Somali Su 0345-0400 on 11625 MDC 250 kW / 000 deg to EAf Somali Su 0400-0415 on 9660 SMG 250 kW / 146 deg to EAf Amharic 0400-0415 on 11625 SMG 250 kW / 135 deg to EAf Amharic 0400-0430 on 9645 SMG 250 kW / 114 deg to N/ME Arabic 0400-0430 on 11715 SMG 100 kW / 098 deg to N/ME Arabic 0400-0430 on 21560 PHT 250 kW / 303 deg to EAs Chinese 0415-0430 on 9660 SMG 250 kW / 146 deg to EAf Tigrinva 0415-0430 on 11625 SMG 250 kW / 135 deg to EAf Tigrinya 0430-0500 on 9660 SMG 250 kW / 169 deg to ECAf French 0430-0500 on 11625 MDC 250 kW / 295 deg to ECAf French 0500-0530 on 9660 MDC 250 kW / 260 deg to SAf English 0500-0530 on 11625 SMG 500 kW / 184 deg to WCAf English 0530-0600 on  $\,$  6070 SMG 250 kW / 330 deg to WEu  $\,$  Latin Mass 0530-0600 on 7250 SMG 100 kW / 026 deg to EEu Latin Mass 0530-0600 on 7250 SMG 100 kW / 326 deg to WEu Latin Mass 0530-0600 on 9660 SMG 250 kW / 230 deg to WAf Portuguese 0530-0600 on 11625 SMG 100 kW / 169 deg to SAf Portuguese 0530-0600 on 13765 MDC 250 kW / 285 deg to SAf Portuguese 0530-0600 on 15595 SMG 250 kW / 107 deg to N/ME Latin Mass 0600-0615 on 15595 SMG 100 kW / 107 deg to N/ME Italian Mo-Sa 0600-0630 on 11625 SMG 250 kW / 214 deg to WeAf French 0600-0630 on 13765 SMG 250 kW / 184 deg to WCAf French 0610-0730 on 7250 SMG 250 kW / 054 deg to EEu Romanian liturgy Su 0610-0730 on 9645 SMG 100 kW / 054 deg to EEu Romanian liturgy Su 0615-0745 on 9850 SMG 250 kW / 055 deg to EEu Ukrainian liturgy Su 0615-0745 on 11740 SMG 250 kW / 058 deg to EEu Ukrainian liturgy Su 0615-0630 on 15595 SMG 100 kW / 107 deg to N/ME French Mo-Sa 0630-0645 on 15595 SMG 100 kW / 107 deg to N/ME English Mo-Sa 0630-0700 on 11625 SMG 250 kW / 214 deg to WAf English 0630-0700 on 13765 SMG 250 kW / 184 deg to WCAf English 0645-0705 on 9645 SMG 250 kW / 326 deg to WEu Arabic Mo-Sa 0645-0705 on 11740 SMG 100 kW / 228 deg to NEAf Arabic Mo-Sa 0645-0705 on 11740 SMG 100 kW / 130 deg to EAf Arabic Mo-Sa 0645-0705 on 15595 SMG 250 kW / 107 deg to N/ME Arabic Mo-Sa 0700-1030 on 21550 SMG 250 kW / 145 deg to CAf English (Special events) 0700-1030 on 21560 SMG 250 kW / 165 deg to SAf Portuguese (Special events) 0700-1030 on 21570 SMG 250 kW / 210 deg to NWAf French (Special events) 0730-0815 on 7250 SMG 100 kW / 330 deg to WAf Italian Mass Su 0800-0915 on 7250 SMG 250 kW / 330 deg to WeEe Papal Audience Wed 0830-0950 on 15595 SMG 250 kW / 049 deg to N/ME Russian liturgy 2nd Su  $\,$ 0830-0950 on 15595 SMG 250 kW / 049 deg to N/ME Ukrainian liturgy 4th Su 0830-0950 on 15595 SMG 250 kW / 089 deg to CAs Armenian liturgy 3rd Su 0830-0950 on 15595 SMG 250 kW / 107 deg to EAf Amharic liturgy 1st Su 0830-0950 on 15595 SMG 250 kW / 121 deg to EAf Arabic liturgy 5th Su 0830-0950 on 17590 SMG 250 kW / 072 deg to CAs Russian liturgy 2nd Su 0830-0950 on 17590 SMG 250 kW / 072 deg to CAs Armenian liturgy 3rd Su 0830-0950 on 17590 SMG 250 kW / 072 deg to CAs Ukrainian liturgy 4th Su 0830-0950 on 17590 SMG 250 kW / 098 deg to N/ME Arabic liturgy 5th Su 0830-0950 on 17590 SMG 250 kW / 130 deg to EAf Amharic liturgy 1st Su 1000-1030 on 7250 SMG 100 kW / 330 deg to WAf Angelus Su 1000-1030 on 11740 SMG 100 kW / 310 deg to WAf Angelus Su 1000-1030 on 11740 SMG 250 kW / 019 deg to EEu Angelus Su 1000-1030 on 15595 SMG 250 kW / 319 deg to WAf  $% \lambda$  Angelus Sun 1000-1030 on 21560 SMG 250 kW / 113 deg to N/ME Angelus Sun 1000-1030 on 21560 SMG 250 kW / 223 deg to WeAf Angelus Sun 1000-1030 on 21560 SMG 250 kW / 185 deg to CAf Angelus Sun

1130-1200	NF	9610	GB	250	кW	/	184	deg	to	CAm	Spanish, ex 9700
1130-1200	on	17590	SMG	100	кW	1	112	deg	to	N/ME	English Fr
											English Fr
1200-1220											
1200-1220											
											Russian, ex 11850
1230-1300	on	15370	PHT	250	кW	/	332	deg	to	FERu	Russian
1230-1300	on	11890	PHT	250	kW	1	349	det	to	EAs	Chinese Su-Fr
											Chinese Su-Fr
											Chinese Mass Sa
1300-1315											
											Vietnamese
1315-1400	on	15470	PHT	250	кW	/	283	deg	to	SEAs	Vietnamese
1430-1450	on	11695	PUG	250	kW	1	280	deg	to	SAs	Hindi
1430-1450	on	15470	PHT	250	k₩	1	283	dea	to	SAs	Hindi
1450-1510											Tamil
								•			Tamil
1450-1510								•			
1510-1530								•			Malayalam
1510-1530											Malayalam
1530-1550	on	11695	PUG	250	kW	1	280	deg	to	SAs	English
1530-1550	on	15470	PHT	250	kW	1	283	dea	to	SAs	English
1530-1550											English DRM
											5
1530-1600											Arabic
1530-1600											Arabic
1550-1610											Armenian
1550-1610	on	15370	SMG	100	kW	1	089	deg	to	CAs	Armenian
1600-1615											
1600-1615											
1600-1615											
1600-1630											
1600-1630											Swahili Su-Fr
1610-1640	on	11715	SMG	250	kW	/	055	deg	to	EEu	Russian
1610-1640	on	15370	SMG	100	kW	1	049	dea	to	EEu	Russian
1615-1630								-			
											Somali Sa
								•			
1615-1630											
1630-1645											Amharic
1630-1645	on	15570	SMG	250	kW	/	135	deg	to	EAf	Amharic
1640-1700	on	11715	SMG	100	k₩	1	058	dea	to	EEu	Ukrainian
1640-1700											Ukrainian
1645-1700											Tigrinya
								•			• •
1645-1700											Tigrinya
1700-1720											Belarussian
1700-1730	on	13765	MDC	250	кW	/	305	deg	to	ECAf	French
1700-1730	on	15570	SMG	250	kW	1	168	deg	to	SAf	French
1730-1800											English
1730-1800											English
1730-1800											•
								•			English
											Portuguese
1800-1830											Portuguese
1800-1830	on	15570	SMG	500	кW	1	169	deg	to	SAf	Portuguese
1840-1900	on	7250	SMG	250	kw	1	320	dea	to	SEEu	Rosary
1840-1900		9645									Rosary
1840-1900		9645						-			-
											Rosary
1840-1900											Rosary
1840-1900											
1840-1900	on	15595	SMG	100	k₩	/	107	deg	to	N/ME	Rosary
1900-1915	on	7250	SMG	250	kw	1	320	dea	to	SEEu	Rosary
1900-1915		9645									Rosary
1900-1915		9645									Rosary
											,
1900-1915											
1900-1940											Spanish Sa
											Spanish Sa
2000-2030	on	13765	SMG	250	k₩	/	184	deg	to	WCAf	English
								-			

2000-2030 on 15570 SMG 250 kW / 210 deg to WEAf English 2030-2115 on 13765 SMG 250 kW / 184 deg to WCAf French 2030-2115 on 15570 SMG 250 kW / 210 deg to WeAf French 6070 SMG 100 kW / 326 deg to WAf Arabic 2040-2100 on 7250 SMG 250 kW / 234 deg to NoAf Arabic 2040-2100 on 2040-2100 on 7250 SMG 250 kW / 146 deg to EAf Arabic 9645 SMG 100 kW / 114 deg to N/ME Arabic 2040-2100 on 9600 PHT 250 kW / 332 deg to EAs 2200-2230 on Chinese 2200-2230 on 11900 PHT 250 kW / 349 deg to EAs Chinese 2200-2230 on 15470 TIN 250 kW / 313 deg to EAs Chinese 2315-2400 on 9600 PHT 250 kW / 270 deg to SEAs Vietnamese 2315-2400 on 11900 PHT 250 kW / 270 deg to SEAs Vietnamese (DX MIX)

**VIETNAM** - 12019.022 kHz Vo Vietnam, Son Tay site, 57degr azimuth, English program, odd frequency fingerprint, at 1133 UT on Aug 14, nx by female reader, heard on remote SDR unit in Tokyo Japan at S=9+30dB level.

// 9839.838 kHz odd frequency channel at 1145 UT on Aug 14. VoVietnam, from Son Tay broadcast center site, 57degr azimuth, English, S=6-7 rather poor signal in Tokyo Japan.

Even 12000.0 kHz bcast of Russian sce from VoVTN Hanoi, via Son Tay site. S=9+10dB signal strength noted on remote SDR unit at Tokyo Japan. 1135 UT on Aug 14.

9635.791 odd frequency fingerprint measured of Voice of Vietnam's 1st home sce domestic program at 1234 UT on Aug 14, poor S=5-6 audio signal strength on SDR unit in Japan.

7220.065 Poor S=6 signal of VoVietnam's Chinese sce, 1300-1330 UT, noted at 1307 UT on Aug 14. [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb, wwdxc BC-DX TopNews Aug 14)

**ZANZIBAR [TANZANIA]** - 6015, 8/10 0325, TZA, Zanzibar BC, Dole, in Swahili; OM talks; music, YL presents news, presumed; today, this station has a fair signal, better than other days; 35433. (Jose Ronaldo Xavier (JRX), Cabedelo - Brazil (UTC-3), Hard-Core-DX mailing list via DXLD)

11735, Zanzibar Broadcasting Corporation, Dole, 1746-1806, escuchada el 10 de agosto de 2015 en swahili con emisión de música pop ligera y música árabe, alas 1800 boletín de noticias en swahili por locutora, 1804 continua emisión de música árabe, SINPO 44444.

(José Miguel Romero, Sacañet (Castellón), España, Yaesu FRG 7700, Sangean ATS 909, Antena hilo 10 m, dxldyg via DXLD) So instead of English at 1800 on that date (gh)

Zanzibar Broadcasting Corporation in English on August 11: 1500-1800 on 11735 DOL 050 kW / non-dir to CAf Swahili 1800-1807 on 11735 DOL 050 kW / non-dir to CAf English, not daily!! 1807-2100 on 11735 DOL 050 kW / non-dir to CAf Swahili (Ivo Ivanov, Bulgaria, dxldyg via DXLD)

Editor's info desk was closed for this edition on August 23rd, 2015, 06:15 hours UTC.

Please also see the "List of Broadcasts in German" (Hörfahrplan Deutsch) updated regularly on the WWDXC website.

As it seems to be no demand for the "List of Broadcasts in English" (Hörfahrplan Englisch) it won't be issued / updated anymore for A15.

#### **Sources & Contributors:**

**A-DX** - e-mail exchange - Austria.

Alokesh Gupta - New Delhi - India.
BCDX - News Bulletin by Wolfgang W. Bueschel (wb) - Stuttgart - Germany.
CONEXION - CONEXION Digital - Buenos Aires - Argentina.
DXLD - Glenn Hauser's DX LISTENING DIGEST - USA.
Prof. Dr. Hans-Jörg Biener (hjb) - Nuremberg, Germany.
DX MIX NEWS = DX RE MIX NEWS - from Georgi Bancov & Ivo Ivanov, Bulgaria.
Others as stated in contribution.

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#### **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, Arm = Armavir/RUS, Ban = Bangalore, Be = Beijing /China, Bib = Biblis /DL, BIH = Bosnia-Herzegowina, BLR = Byelorus, BOT = Botswana, CHN = China, CLN-IRA = Sri Lanka Iranawila, CLN-TRM = Sri Lanka Trincomalee, Du = Dushanbe /TJK, ERV = Erivan/Armenia, F = Issoudun/France, FI =Florida/USA, HAB = Habana /Cuba, Ho = Hohhot /CHN, HRI= WHRI Cypress Creek /USA, Jin = Jinhua, Kash = Kashgar/CHN, Ka = Kingsway (Delhi), Kh = Khampur (Delhi), KOR = (South) Korea, Ku = Kununurra /Aus, Kun = Kunming /CHN, KWT = Kuwait, Lam = Lampertheim/DL, M =Moscow (Taldom), MCO = Monaco, MDA = Moldavia, MDG = Madagascar, MNG = Mongolia, MRA = Northern Marianas, N = Nauen/DL, Nn = Nanning/CHN, Pan = Panaji /India, RRW = Ruanda, RSA = Meyerton /South Africa, RUS = Russia incl. Sibiria, SAI = Saipan (MRA), Sh = Shepparton/Aus, SNG = Singapur, STP = Sao Tomé, SWZ = Swaziland, TH = (NAK) Nakhon Sawan/Thailand, TIN = Tinian (MRA), TJK = Tajikistan, TWN = Taiwan, UAE = Al Dubbaya /United Arab Emirates, Ur = Urumchi/CHN, 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 irr = irregular /USB = upper sideband, /LSB = lower sideband, alt.: (QRG) = alternative frequency

#### Editor:

Walter Eibl (we), P.O. Box 1545, 91005 Erlangen, Germany. EMail: <we@wwdxc.de> or <we@kwrs.de> Used equipment: Receiver: Communications receiver ICOM IC-R70 (no modification) Antenna: Hamtronic HT504 selective active antenna, in roof window ca. 15 m above ground Location: Herzogenaurach / Germany; 49.567/10.917; 310 m NN



# **DX LOGBOOK** Logs around the clock

by Ashok Kumar Bose, 106 Aspermont Crescent, Brampton, Ontario, L6P 3Z3, Canada E-Mail: logbook@wwdxc.de

#### MEDIUMWAVE BAND

Frequency	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
630.0	2300	121	G	Prem. Gold, Folkstone	English	Jesus was not a hero	0407	MF
639.0	2300	121	G	Premier Reading	English	No water for gardening	0307	MF
693.0	2310	333	G	Reading Premier Gold	English	New records	0307	MF
720.0	2330	222	G	BBC Gold,Hampshire	English	Program	0307	MF
729.0	2210	111	G	BBC Gold,Railegh	English	Race	0807	MF
774.0	2350	131	G	Classic Premier, Warwick	English	Hit gold in charts	0307	MF
801.0	2355	111	G	Premier Wickham	English	Gardening tip	0307	MF
855.0	2300	111	G	Buckingham XL	English	Gardening	0907	MF
891.0	0225	111	G	Worthing Classic Prem.,	English	Jesus	0507	MF
900.0	005	333	G	Gold Wickford	English	Car Race	0307	MF
918.0	0010	111	G	Premier Gold,Wickford	English	Hit List	0407	MF
936.0	2340	111	G	Premier Gold,Dover	English	Traffic	1507	MF
963.0	2220	111	G	Classic Prem.,Salisbury	English	Program	0807	MF
1008.0	0015	333	G	Classic Gold,Isle of Wight	English	Hit list	0407	MF
1044.0	0001	111	G	Plymouth XL	English	News	1607	MF
1098.0	2200	211	G	Gold Birmingham	English	Hithouse	0607	MF
1107.0	2310	111	G	Cornwall Prem., Torquay	English	Sailing tip	0907	MF
1152.0	2325	111	G	Torquay XL	English	Feelings	0907	MF
1206.0	2210	111	G	Gold Brighton	English	Hotels	0407	MF
1251.0	2230	111	G	Brighton XL	English	Casting	0807	MF
1305.0	0240	111	G	Classic Gold, Southampton	English	Casting	0507	MF
1314.0	0010	111	G	Premier Portsmouth	English	Holiday	0407	MF
1341.0	2235	222	G	Premier Gold,Portsmouth	English	Our Boys	0807	MF
1386.0	2340	111	G	Sunshine, Portsmouth	English	New James Bond film	0907	MF
1593.0	0350	252	F	Bretagne 5	French	Music, Farmers protests	2607	HB

#### SHORTWAVE BANDS

Frequency	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
4040.0	0040	050			E Ľ. h		0507	
4840.0	0340	252	USA	WWCR,Nashville	English	Infowars	2507	HB
4885.0	0320	242	В	Radio Clube do Para	Portugese	Sports, News	2607	HB
4930.0	0300	353	BOT	VOA	English	News	2507	HB
5085.0	0315	252	USA	WTWW Lebanon	English	Oldies Request Show	2507	HB
6010.0	0620	131	BHR	Radio Bahrain	English	Program	0207	MF
6055.0	1030	333	D	Evangelische Mission	German	Sermons	2607	HB
7217.0	2140	231	AGL	Radio Nac. Angola	English	Angola's borders	0307	MF
7230.0	0410	111	AFS	Channel Africa	English	S. African refugee camps	0508	MF
7245.0	1320	111	TJK	Radio Tajik	English	ISIS terror	0307	MF

7275.0	1835	121	KOR	KBS World	English	Mailbox	0307	MF
9440.0	1600	121	TWN	Radio Taiwan	English	Electronics for Asia	0307	MF
9500.0	0545	111	SWZ	TWR	English	Jesus	0407	MF
9515.0	1610	222	KOR	KBS World	English	Automobile Club	0207	MF
9525.0	1310	121	INS	Voice of Indonesia	English	Program	0307	MF
9560.0	1630	111	ETH	Radio Ethopia	English	PLO Heritage in West bank	0308	MF
9575.0	0830	353	MRC	Medi 1	Arabic	Pop Music, Interview	2507	HB
9580.0	0430	111	GAB	Africa No. 1	English	ADDX	0408	MF
9615.0	1240	111	ALS	KNLS	English	Jesus in Alaska	0400	MF
9730.0	1610	111	VTN	Voice of Vietnam	English	Info about German service	0307	MF
9770.0	0330	111	CLN	SLBC	English	Chinese guns in war	0307	MF
9885.0	0330	111	BOT	VOA	-	South African News	0400	MF
					English			
9925.0	0232	453	D	Mighty KBC Radio	English	Digital test	0208	RL
9955.0	0320	453	USA	Radio Prague relay	English	Czech Books	0208	RL
11645.0	0415	353	CVA	Radio Tanazuj	Arabic	Program for South Sudan	2607	HB
11670.0	1900	333	IND	All India Radio	English	News	0307	MF
11715.0	0159	454	IND	All India Radio	Nepali	South Asian music, News	2107	HB
11730.0	1300	121	UZB	NHK	English	ADDX News	0307	MF
11730.0	0140	353	CVA	Vatican Radio	English	Psalms 124, Music, News	2107	HB
11740.0	1215	131	SNG	Radio Japan NHK	English	Computer for Asia	0707	MF
11760.0	0400	111	СҮР	BBC	English	ISIS refugees in Turkey	0307	MF
11800.0	0339	554	ROU	Radio Romania Intl.,	English	DX Mailbag show	0508	RL
11810.0	1910	121	ASC	BBC	English	Press review	0307	MF
11815.0	0116	252	В	Radio Brasil Central	Portugese	Music	2107	HB
12015.0	0415	111	AFS	BBC	English	Border fights at Gambia	0308	MF
12015.0	0540	111	THA	Radio Thailand	English	Favorite destination	0307	MF
12080.0	1930	221	BOT	VOA	French	Malawi Peace Govt.,	0307	MF
13580.0	1800	333	BGD	Radio Bangladesh	English	Israel's Air Force attack	0207	MF
13630.0	0530	111	AUS	Radio Australia	English	Hurricane Housing	0307	MF
13800.0	0435	353	MDG	Radio Dabanga	Arabic	Program	2607	HB
15120.0	0440	111	NIG	Voice of Nigeria	English	Program	0408	MF
15140.0	1455	111	OMA	Radio Oman	Englih	Program	0308	MF
15190.0	0600	221	GUI	Radio Africa	English	Uganda battlefield	0307	MF
15190.0	1200	111	GUF	NHK	English	Electronic Equipment	0207	MF
15220.0	0600	111	AFS	Channel Africa	English	Program	0207	MF
15250.0	1110	111	ARS	Voice of Saudi Arabia	English	Israel's Westbank	0207	MF
15255.0	0620	454	AFS	Channel Africa	English	Africa rise and shine	2407	HB
15275.0	0705	353	F	Deutsche Welle relay	English	Obama in Africa	2407	HB
15390.0	1640	111	USA	Radio Marti	Spanish	Fidel Castro	0207	MF
15395.0	0610	453	PAK	Radio Pakistan	Urdu	Music	2407	HB
15450.0	2020	131	CUB	Radio Rebelde	Spanish	Cuba's friendship	0307	MF
15525.0	1150	111	UAE	Eternal Good News	English	Jesus is our Hero	0408	MF
15540.0	0730	252	F	Manara radio	Hausa	Quran Talks	2407	HB
15560.0	0705	252	ASC	Deutsche Welle relay	English	Obama in Africa	2407	HB
15580.0	0420	111	STP	VOA-Relay	English	South African border wars	0508	MF
15720.0	1810	111	MDG	NHK	English	African products for Japan	0300	MF
15720.0	0400	111	CLN	SLBC	English	Program	0207	MF
10740.0	0400		GLIN	SLDC	Liigiisii	riogram	0207	IVII
17660.0 17675 0	0520	121 111	UAE	NHK Radia Naw Zaaland Intl	English English	ME policy of Japan Winter weather	0307	MF
17675.0 17760.0	1100 0950	111 211	NZL	Radio New Zealand Intl., Radio Mirror	English English	Winter weather	0207	MF
17760.0	0850 1600	211 452	AFS		English	Jesus Hero of US. Ourop tolko	0207	MF
17765.0	1600	453	F	Manara Radio	Hausa	Quran talks	2407	HB
17790.0	0750	111	OMA	BBC Dedie Dhilipipes	English	News	0408	MF
17820.0	0315	111	PHL	Radio Philipinas	English	Program	0408	MF

								23
21480.0	1120	111	MDG	Eternal Good News	English	Africa hero in God	0408	MF

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

- 4960.0 SAO TOMÉ Voice of America Pinheira, 0421-0437 Jul 22, English program with several men discussing African continent topics. Woman announcer with ID at 0423, announcements and mention of "VOA News". Another ID at 0430. Poor to fair.
- 5910.0 FRANCE Radio Japan Issoudun, 0413-0427 Jul 22, man announcer with talk in Japanese language. Several IDs at 0414 along with familiar theme music followed by Japanese pop music program. Good signal.
- 6070.0 CANADA CFRX Toronto, 0300-0335 Aug 14, several News Talk 10-10 IDs with a woman hosting news feature followed by talk show. Fair signal.
- 7210.0 ALBANIA China Radio International Cerrik, 2248-2307 Jul 14, woman announcer in Spanish language hosting a popular music program. Good signal and //7250 (Kashi) which was poor to fair.
- 7250.0 CHINA China Radio International Kashi, 2253-2307 Jul 14, woman announcer with Spanish language talk hosting a popular music program. Poor to fair signal and //7210 (Cerrik) which was good.
- 7350.0 CHINA China Radio International Kashi, 2325-0012 Jul 14, English program with weather forecasts for much of Asian region followed by time check and mention listening to Beijing Hour on China Radio International. Several promo announcements followed by business news, sports news and Chinese language lesson. Fair.
- 9420.0 GREECE Voice of Greece Avlis, 0235-0317 Aug 12, nice program of greek music hosted by a woman announcer with brief talks in Greek language. A man announcer took over program at top of the hour. Good signal.
- 11580.0 USA FG Radio via Okeechobee, 2300-2315 Jul 14, opened with nice ID ("Worldwide on shortwave, this is FG Radio") followed by news. Gave French language ID at 2309 followed by vocal selection and closing ID. Closed with John Denver tune before WRMI cut in with an Ian McFarland ID announcement. Very good signal and nice to hear a news report in English.
- 11600.0 CLANDESTINE Denge Kurdistane Issoudun, 0304-0439 Aug 13, man announcer with Kurdish language talk hosting a program of seemingly non-stop Kurdish music. Nice ID at 0401 as a man began news program. Fair to good signal.
- 12025.0 AUSTRALIA NBC National Radio Shepparton, 0700-0732 Jul 14, tuned in to catch ID and a woman with news in English. Update on gold/silver/bronze medal tally at 2015 Pacific Games. Public service announcements for National Identify Theft program. Fair signal.
- 15140.0 OMAN Radio Sultanate of Oman, 2150-2159\* Jul 19, man announcer with continuous Arabic language talk until carrier abruptly terminated ending the transmission. Good signal.
- 15590.0 THAILAND Radio Thailand, 0016-0029\* Jul 21, fist time noted in several months with familiar English language news, promotional events, features and PSA's. Seemingly gone when change antenna at bottom of the hour. Poor signal.
- 17840.0 AUSTRALIA Radio Australia Shepparton, 2207-0112 Jul 19, woman announcer hosting news program featuring numerous cutaways to various speakers. Poor signal. Stayed with this for a while but signal never improved much peaking at poor to fair.

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

- HB : Prof. Dr. Hansjoerg Biener, Nuernberg, Germany.
- MF : Michael Frese, Osnabrueck, Germany. Grundig Yachtboy 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. RL : Richard Lemke, St. Albert, Alberta, Canada. JRC NRD-535 HF with random long wires in the trees.

Dear Friends,

Welcome to a very short August/September edition edition of Logbook.

Thanks to our regular members for their contributions.

Till next time,

# Ashok Kumar Bose



QSL CORNER Editor: Dario Gabrielli, Viale della Resistenza 33b, IT-30031 Dolo (Ve), ITALY eMail: qsl@wwdxc.de



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<u>Australia:</u> Reach Beyond Australia 17760 kHz. Japanese program. Full data QSL card "July 2015 - Reporting the earthquake in Nepal" received in 16 days for report with two 82 yen stamps to HCJB Japan: c/o Yodobashi Church, 1-17-8, Hyakunin-cho, Shinjuku-ku, Tokyo, 169-0073 Japan (HT)

**Korea (DPR):** Voice of Korea 11865 kHz. Japanese program. Full data QSL card "Herd of goats flows" received in 45 days for report to Japanese Department: Pyongyang, Democratic People's Republic of Korea (HT)

<u>Madagascar:</u> <u>BBC</u> 7445 kHz. QSL received in 23 days with full data unique Madagascar QSL card from MGLOB Malagasy Global Business SA, P. O. Box 404, Antananarivo-101, Madagascar, <monitoring@mglob.mg>. (GJ)

**Mongolia:** Voice of Mongolia 12000 kHz. Japanese program. Full data QSL card "Deer stones, Arkhangai" received in 18 days for report to Japanese Section: CPO Box 365, Ulaanbaatar 211213, Mongolia. (HT)

**Northern Mariana Islands:** Radio Free Asia via Tinian 11985 kHz. Korean program. Full data QSL card "Year of the Ram" received in 6 days for e-mail report to <qsl@rfa.org>. (GJ)

<u>Radio Free Asia</u> via Tinian 11605 kHz. Korean program. Full data QSL card "Khene" received in 10 days for report to: <qsl@rfa.org> (HT)



**Palau:** World Harvest Radio - T8WH 9930 kHz. Japanese program. Full data QSL card "The Second Advent" received in 431 days for report with 1 IRC to Preparing for Jesus' Comming: P.O. Box 821791, Vicksburg, MS 39182, USA (HT)

**Philippines:** Vatican Radio via Tinang 21560 kHz. Chinese program. Full data QSL card "His Holiness Francis visits the cockpit during the flight to Rio de Janeiro, Brazil, 22 July 2013" received in 83 days for report to Promotion Office: Vatican Radio, Promotion Office, Palazzo Pio, Piazza Pia 3, I-00120 Vatican City (HT)

**Romania:** Radio Romania International 11790 kHz. English program. Full data QSL card <u>"Bear's</u> Cave" received in 62 days for report to English Section: <engl@rri.ro> (HT)

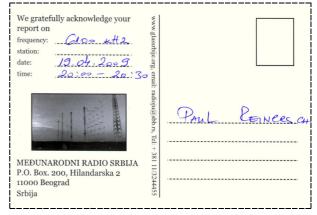
<u>Radio Romania International</u> 11790 kHz. English program. Full data QSL card "Bear's Cave" received in 62 days for report to English Section: <engl@rri.ro> (HT)

<u>Radio Romania International</u> 13650 kHz. Full data QSL card "Bears' Cave" received in only 55 days for report to R. R. I., English Service, 60-64 Gral Berthelot Street, 010165 Bucuresti, Romania (GJ)

**Rwanda:** AWR via Kigali 15700 kHz. Full data Special QSL "QSL Stamps" with QSL stamp "Kigali" and signature of Adrian M. Peterson received in 11 days for e-mail report on Arabic program to Box 29235, Indianapolis, IN 46229, USA (GJ)

<u>Deutsche Welle</u> 6040 kHz. Swahili program on 28 March 2015. Full data QSL card "Kurzwellen-Sendestelle Sines/Portugal" in 97 days (after reminder) for e-mail report to <info@dw.de>. It was disappointing that my special request was NOT fulfilled to give the station: Kigali / last day on air. I have regularly been listening - and reporting - to Deutsche Welle since 1955 (GJ)

<u>Serbia:</u> Radio Serbia 6100 kHz. QSL received for a report after 6 years sent to Radio Serbia, P.O. Box 200, Beograd 11000 (Srbija) (PR)



<u>South Africa:</u> <u>AWR via Meyerton</u> 11790 kHz. Fulfulde program. Full data QSL "Adventist World Radio - The Voice of Hope" with QSL stamp "AWR - Africa" and signature of Adrian M. Peterson

received in 10 days for e-mail report to Box 29235, Indianapolis, IN 46229, USA (GJ)

**Thailand:** IBB Thailand Transmitting Station Udonthani 12035 kHz. Full data QSL card for e-mail report on VOA's Deewa Radio program to <manager\_thailand@tha.ibb.gov>. (GJ)

<u>United Arab Emirates:</u> <u>Deutsche Welle</u> via Dhabayya 21780 kHz. Hausa program. Full data QSLcard "Kurzwellen-Sendestelle Sines/Portugal" received in 19 days for e-mail report to <info@dw.de>. (GJ)

<u>United States of America</u>: <u>Voice of America</u> 15730 kHz. French program. Full data QSL card "Edward R. Murrow Transmitting Station" with signature of Chief Engineer received in 52 days for report to V. O. A. Transmitting Station, 3919 VOA Site B Road, Grimesland, NC 27837-8977, USA (GJ)

<u>Unofficial / Free Radio:</u> <u>Chelmsford Calling Service</u> 6070 kHz. E-QSL received in 8 hours for reception report with audio clip in MP3 sent to: <info@chelmsfordcalling.co.uk> (DGa)

<u>Goldraush</u> 6070 kHz. E-QSL received in 7 days for reception report with audio clip in MP3 format sent to: <goldraush6070@yahoo.de> (DGa)

<u>Radio Joey</u> 6390 kHz. E-QSL received in 5 days for reception report with audio clip in MP3 sent to: <radiojoey@hotmail.com> (DGa)

<u>Radio Mustang</u> 6750 kHz. E-QSL received in 11 days for reception report with audio clip in MP3 sent to: <mustangradio@live.nl> (DGa)

Radio Pirana 6280 kHz. E-QSL received in 12 days for reception report with audio clip in MP3 sent to: <radio.piranha@gmail.com> (DGa)

<u>Radio Revival</u> 7430 kHz. E-QSL received in 4 hours for reception report with audio clip in MP3 sent to: <info@rock.x.se> (DGa)

<u>Radio Tower</u> 6475 kHz. E-QSL received in 7 days for reception report with audio clip in MP3 sent to: <radiotoweram@gmail.com> (DGa)

<u>Rock Live Radio</u> 6150 kHz. E-QSL received in 1 day for reception report with audio clip in MP3 sent to: <info@rockliveradio.de> (DGa)

<u>Vietnam:</u> <u>Voice of Vietnam</u> 12020 kHz. Japanese program. Full data QSL card "Splendid work of an expert" received in 13 days for report to Japanese Section: <japanese@vov.org.vn> (HT)

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The reporters of this edition of QSL CORNER have been:

**DGa** = Dario Gabrielli, Dolo (Ve), Italy

- **GJ** = Guenter Jacob, Passau, Germany
- **HB** = Prof. Dr. Hansjoerg Biener, Nuremberg, Germany
- **HT** = Hironori Takeuchi, Chiba, Japan
- **PR** = Paul Reinersch, Dudweiler, Germany

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Dear Friends,

I'm very happy that in this edition there are several contributions of our usual members. We hope that also other members can contribute in the next edition sending us their reports with some pictures of QSL's received. I want to remind you that the next deadline of contribution is on October 10th, 2015 at 23.00 UTC / GMT.

### Darío

# 28 Hörfahrplan Deutsch

#### Stand: 19. August 2015

Alle Zeiten in UTC (Weltzeit), also MESZ (Mitteleuropäische Sommerzeit) minus 2 Stunden / Time is always UTC.

Sendungen für das primäre Zielgebiet Europa sind **fett** dargestellt. Transmissions for the (primary) target Europe are printed **bold**.

Zeit (UTC)	Station, Programm	Frequenzen, Tag, Standort		
00:00				
0000-2400 0000-2400 0000-2400	R 700 Antenne Saar BR plus	3985/Eifel (inkl. Relais) 1179 (+ Französisch) 801/Dillberg/München 729/Hof/Würzburg		
0000-2400 0000-2400	Deutschlandfunk	,,		
		)		
		)		
		)		
0300-0600	RTL	1440/LUX (inkl. Relais)		
		)		
0400-0430	ERF Südafrika	3200/SWZ, 4775/SWZ (SAf) So -0500		
0430-0500	Andenstimme	3995/Wee, 7365/Wee		
	05:00	)		
0500-0615 0500-0700	ORF 1 Wien CRI Beijing	6155 17615/Ur, 17720/Kash		
		)		
0600-0628 0600-0800	R Rumänien Int. R Belarus	7435*, 9700 6005/Eifel; Mo-Sa		
0600-1000 0600-1100 0600-1100	R Mi Amigo R 700 CRI Beijing	3985 So 6005/Eifel; So 7310/Eifel (+Sonderprogramm) 1440/LUX		
0600-1130	R France Bleu Alsace			
0600-1700 0600-2400	R Europa 24 "Channel 292"	6150 (Plan - irr) 6070/R0B #		
0625-0630 0630-0700	Lutherische Stunde Andenstimme	(Plan - irr) inkl. Relais 3995/Wee, 7365/Wee 3995/Wee, 7365/Wee		
	N7·N1	)		
0700-0800 0723-0820 0730-0800	Hamburger LR IRIB Teheran Seewetter DP07	7265/MVP; Mi, Sa, +Sonder 15500, 17570 7310/Eifel, 9560/Eifel		
		)		
0800-1000 0800-1100 0800-1200 0830-1000	MV Baltic Hamburger LR R Mi Amigo R Pecs	7265/MVP; 1. So 6190/MVP; Mi, Sa, +Sonder 6005/Eifel, 9560/Eifel 873, 1188		

		09:00
0900-1000	MV Baltic R	9485/MVP; 1. So
		6070/0E; So
	B Gloria	7310/Eifel; 4. So
NQ30-1000	Andenstimme	3995/Wee, 7365/Wee
0000 1000	DARC R R Gloria Andenstimme	
		10:00
1000 1100	R Joystick	7330/OE; 1. So
	R Temesvar	630
	R Mi Amigo	7310/Eifel; So
1000 1100	it wit / tiligo	9560; Sa/So
1000-1500	R 700	6005/Eifel
	Evangelische	6055/N; Sa + So
	Missionsgemeinden	
	-	
		11:00
1100 1200	Johtvo D	3995/Wee; 7365/Wee
1100-1200	Homburgor I D	7265/MVP; Mi, Sa
1100-1300	lchtys R Hamburger LR Hamburger LR	9485/MVP; So
1130-1225		13760
1130-1223	INT AllKala	13700
		12:00
4000 4000	0 0007	
1200-1230	Seewetter DP07	
		9560/Eifel; Mo-So
		13:00
1300-1400	R Gloria	6005/Eifel; 4. So
	1	4:00
••••••		
1400-1430	R Slowakei	7310/Eifel
1400-1455	R Rumänien Int.	9600, 11620
		45.00
		15:00
1500-1530	Andenstimme	3995/Wee, 7365/Wee
1500-1530	R Slowakei Int.	6005/Eifel
1500-1600	DARC R	6070/ROB; Mo
1530-1600	Radiodienst Polen	7310/Eifel; So
1630-1700	R Bulgarien	7310/Eifel; Mo-Sa (-31.12.2015)
		16:00
1600-1630	R HCJB	3995/Wee, 7365/Wee
		(Mennonitenplatt)
1600-1630	R DARC	6070/RW
1600-1800	CRI Beijing	5970/ALB, 7380/ALB
1630-1700	Radiodienst Polen	6005/Eifel; So
1630-1700	R Bulgarien	6005/Eifel; Mo-Sa (-31.12.2015)
1630-1725	St. Koreas, Py.	9425, 12015 2005 Mag. 7265 Mag
1630-1900	r hcjb	3995/Wee, 7365/Wee
		17:00
1 - 0 - 1 - 1		
1700-1800	RAE Buenos Aires	15345 (9690)
1720-1820	IRIB Teheran	7200x, 9900
1730-1825	TRT Ankara	11835 2005ANoo 7265ANoo
1755-1800	Lutherische Stunde	3995/Wee, 7365/Wee
		18:00
1200 1000	Andenstimme	2005/M/oo 7265/M/oor Mi Ma
1800-1830 1800-1830	Andenstimme R Slowakei	3995/Wee, 7365/Wee; Mi-Mo 3985/Eifel
		0000/110
		7300* 05/0
1800-1856 1800-1900	R Rumänien Int.	<b>7300*, 9540</b> 1197–1323–1593: Mo-Er
1800-1856 1800-1900 1800-1900		<b>7300*, 9540</b> 1197, 1323, 1593; Mo-Fr <b>9525v (alt: 11785); 3985/Eife</b> l

1800-1940	R Belarus	7255, 11730, 11930
		Di, Mi, Fr – 1959
1800-2000	CRI Beijing	7395/Kash, 11650/Ur , 11775/Kash
1800-2300	CRI Beijing	1440/LUX
1830-1900	R 700	6005/Eifel
1830-1925	St. Koreas Py.	9425, 12015
		9:00
4000 4000	B 110 1B	0005111 7005111 (14

1900-1930 1900-2000 1900-2000 1900-2000 1905-2200 1930-2000 1930-2000 1930-2000 1930-2020 1931-2000	R Kairo R Taiwan Int. R 700 Radiodienst Polen R Bulgarien St Vietnams St. Koreas, Py. R Tirana	3985/Eifel; Mo-Sa 9430/UAE 9425, 12015 7465; Mo-Sa
	20:0	0
2000-2015 2000-2030 2000-2030 2000-2100 2000-2200 2000-2200	Andenstimme St Vietnams KBS World R Pecs	9390 3995/Wee, 7365/Wee; 9430/UAE 3955/Wof 873, 1188 3985/Eifel
		00
2100-2200 2100-2200	lchtys R RAE Buenos Aires	
	22:	00
2200-2300	R Studio X (Tirol)	1584; Di
		00

Zeitangaben in UTC = Mitteleuropäische Sommerzeit (MESZ) minus 2 Stunden / time is UTC = MEST minus 2 hours

#### Abkürzungen / Abreviations:

bei Station: Int. = International, R = Radio, St = Stimme, Vo = Voice of

#### Senderstandorte bei Frequenz / transmitter sites:

#### Technischer Hinweis bei Frequenz:

/USB = oberes Seitenband, /LSB = unteres Seitenband, v = variabel, # = meist schwieriger Empfang bzw. gelegentlicher Senderausfall, ## = derzeit inaktiv (Frequenz)/x Frequenzänderung möglich \* = digitale Sendungen (DRM), LP / \*\* mit geringer Sendeleistung (DRM-Empfang nur mit geeigneten Empfängern möglich)

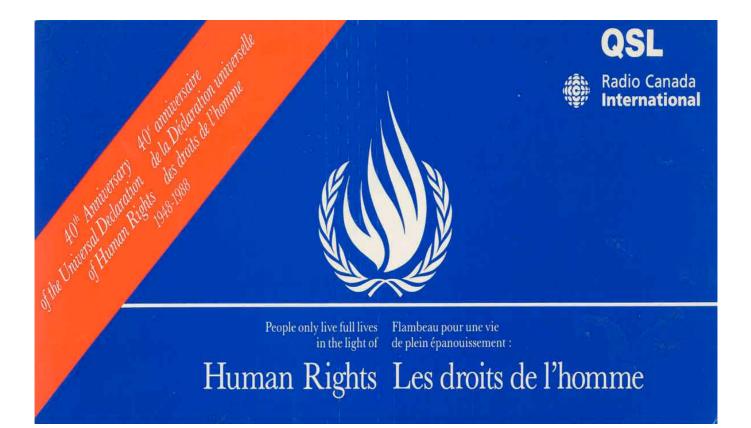
Es sind nur Sendungen bis 22000 kHz gelistet. Die Auflistung erhebt keinen Anspruch auf Vollständigkeit, alle Angaben erfolgen nach bestem Wissen und ohne Gewähr. Einige Sendungen sind auch außerhalb der eigentlichen Zielgebiete hörbar. Kurzfristig sind Änderungen möglich, um z.B. störenden Stationen auszuweichen. Mittelwellensendungen sind stets für die Region gedacht. Es gibt noch eine Reihe lokaler Sender außerhalb Europas mit teils geringer Leistung (z.B. in den USA, Kanada, Brasilien, Australien) die stundenweise deutschsprachige Programme ausstrahlen.

#### Die Sendeperiode A15 dauert bis Ende Oktober 2015.

Aktuelle Hinweise auf Änderungen und Ergänzungen sind stets willkommen an:

e-mail: >we@kwrs.de< oder >we@wwdxc.de<

Redaktion: Walter Eibl, D-91074 Herzogenaurach



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

March 29 - October 24, 2015 - V4 As of June 24, 2015

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eMail: <mail@wwdxc.de> URL: <<u>http://www.wwdxc.de</u>>

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 En, Ge or Sp, indicate weeks of the month. Times and days in UTC.
- STL Satellite transmission. drm = DRM digital mode

#### Monday

0045 RMI, Sp/E, "Viva Miami" - 9955 11580 0100 WRMI, E, Blues Radio International - 9955 0109 RHC Habana, E, "DXers Unlimited" - 6000 6165 0130 WRMI, E, World of Radio - 9955 0130 KVOH, E, AWR Wavescan - 9975 0130 WRMI, E, AWR Wavescan - 9955 11580 0135 RHC Habana, Sp, "En Contacto" -5040 6060 9535 9710 11670 11760 11840 13740 15230 LatAM 0150 BBCWS "Over to You" LW198, livestream online, UK DAB 0200 RRI Bucharest, Sp - 9520 9730 11800 11945 0209 RHC Habana, E, "DXers Unlimited" - 6000 6165 0300 WBCA, E, World of Radio via Area 51 - 5110v 0309 RHC Habana, E, "DXers Unlimited" - 6000 6165 0330 WRMI, E, World of Radio - 9955 0400 WRMI, Sp, Frecuencia al Dia - 9955 0409 RHC Habana, E, "DXers Unlimited" - 6000 6165 0430 HCJB Quito, G - 3995 7365 Weenermoor EUR 0509 RHC Habana, E, "DXers Unlimited" -5040 6000 6060 6100 6165 0609 RHC Habana, E, "DXers Unlimited" -6000 6060 6100 6165 0630 HCJB Quito, G - 3995 7365 Weenermoor EUR 0800 DX-News, E / Dutch - 7310 Kall relay 0930 HCJB Quito, G - 3995 7365 Weenermoor EUR 1030 AIR Delhi, E, "Faithfully Yours" 1053 7270 13605 13695 15030 15410 17510 17895drm 1100 WRMI, E, AWR Wavescan - 9955 1145 WWCR Nashville, E, "Australian DX Report" - 15795 1230 WRMI, Sp, Antena DX - 9955 1315 WRMI, E, AWR Wavescan - 9955 1345 WRMI, Sp/E, "Viva Miami" - 9955 1425 AIR Delhi, E, "Faithfully Yours" 9690 11620 13710 1500 DARC Radio, via ch292 Rohrbach Waal, G - 6070

1500 HCJB Quito, G - 3995 7365 Weenermoor EUR 1500 KVOH Voice of Hope, Sp, Frecuencia Al Dia - 17775 1630 Amateur Radio Mirror, via Sentec, E - 3230 7082-usb 1700 DX-News, E / Dutch - 6005 Kall relay 1730 Radio Australia, E, Download This Show -9580 12065 12085 AS/PAC 1800 HCJB Quito, G - 3995 7365 Weenermoor EUR 1800 Radio Belarus Minsk, G - 11730 11930 1830 AIR Delhi, E, "Faithfully Yours" - 7550 9445 9950drm 11580 11670 11935 13695 17670 2000 HCJB Quito, G - 3995 7365 Weenermoor EUR 2115 WWCR Nashville, Sp, Frecuencia al Dia - 6115 2120 AIR Delhi, E, "Faithfully Yours" 7550 9445 9910 9950drm 11620drm 11670 11740 2130 RAE Buenos Aires, G - 9690 15345 2330 AIR Delhi, E, "Faithfully Yours" 9690 9705 11645drm 11710 13605drm

#### Tuesday

0100 WRMI, Sp. Historias de Radio - 9955 0130 WRMI, Sp, Frecuencia al Dia - 9955 0330 WRMI, E, AWR Wavescan - 9955 0415 WRMI, Sp/E, "Viva Miami" - 9955 0430 Radio Australia, E, "Future Tense" technology -15240 15415 17840 PAC / AS / NoAM 0522 NHK R Japan Tokyo, RJ Manual, E -5975wof 11970iss 0600 Radio Belarus Minsk, G - 6005 Kall relay 0700 Radio Belarus Minsk, G - 6005 Kall relay 0800 DX-News, E / Dutch - 7310 Kall relay 1022 NHK R Japan Tokyo, RJ Manual, E -9625 PAC 1100 WRMI, E, World of Radio - 9955 1222 NHK R Japan Tokyo, RJ Manual, E -11740sng 1330 WRMI, Sp/E, "Viva Miami" - 9955 1345 WRMI, E, "EU Network News" - 9955 1422 NHK R Japan Tokyo, RJ Manual, E -11705pal 15735tac 1700 DX-News, E / Dutch - 6005 Kall relay 1805 BBCWS "Click" E: online UK DAB livestream 1822 NHK R Japan Tokyo, RJ Manual, E -9755mey AF 1900 RRI Bucharest, Sp - 9540 11625 1930 RHC Habana, E, "DXers Unlimited" -11760 NoAM Chicago 1930 Radio Australia, E, Download This Show -9580 12065 12085 AS/PAC 2000 Radio Belarus Minsk, G - 3985 Kall relay 2100 RRI Bucharest, Sp - 15170 17745 2100 Radio Belarus Minsk, G - 3985 Kall relay 2130 RAE Buenos Aires, G - 15345

2200 Radio Belarus Minsk, G - 3985 Kall relay

2230 WBCQ, Sp, Frecuencia al Dia – 7490
2250 RAE Buenos Aires, Sp, Suplemento de Actualidad DX – 6060 15345
2300 Radio Belarus Minsk, G – 3985 Kall relay
2300 RRI Bucharest, Sp – 9765 9790 11700 11795
2330 RHC Habana, E, "DXers Unlimited" – 11880 AF
2330 RHC Habana, E "DXers Unlimited" – 5040 Banda Tropical

#### Wednesday

0130 RHC Habana, E, "DXers Unlimited" -6000 6165 USA/CAN 0145 WRMI, Sp/E, "Viva Miami" - 9955 11580 0200 RRI Bucharest, Sp - 9520 9730 11800 11945 0230 RHC Habana, E, "DXers Unlimited" -6000 6165 USA/CAN 0300 WRMI, Sp, La Rosa de Tokio - 9955 0330 RHC Habana, E, "DXers Unlimited" -6000 6165 USA/CAN 0415 WRMI, E, "EU Network News" - 9955 0430 RHC Habana, E, "DXers Unlimited" -6000 6165 USA/CAN 0432 BBCWS "Click" LW198, livestream online, UK DAB 0530 RHC Habana, E, "DXers Unlimited" -5040 6000 6060 6100 6165 NoAM 0630 RHC Habana, E, "DXers Unlimited" -6000 6060 6100 6165 USA/CAN 0630 HLR Goehren-Germany, E, World of Radio - 7265cusb 0800 DX-News, E / Dutch - 7310 Kall relay 1100 WRMI, Sp, Antena DX - 9955 1230 WRMI, E, AWR Wavescan - 9955 1300 WRMI, E, "EU Network News" - 9955 1315 WRMI, E. World of Radio - 9955 1345 WRMI, Sp/E, "Viva Miami" - 9955 1430 HLR Goehren-Germany, E, World of Radio - 7265cusb 1530 BBC R4, "The Media Show", E -LW 198, MW, FM, DAB, STL, livestream online 1700 DX-News, E / Dutch - 6005 Kall relay 1825 RAE Buenos Aires, E, Dxers Special - 15345v 1930 WWCR Nashville, E, "Ask WWCR" - 15825 2100 WBCQ, E, World of Radio - 7490v 2115 WRMI, Sp/E, "Viva Miami" - 7570 15770 2200 WRMI "Chelmsford Calling World Service" - 9955 2332 BBCWS "Click" livestream online, UK FM DAB

#### Thursday

0100 WRMI, E, AWR Wavescan – 9955 11580 0145 WRMI, E, "EU Network News" – 9955 0225 RAE Buenos Aires, E, Dxers Special – 11710 0300 WRMI, It, Studio DX – 9955 0330 WRMI, E, World of Radio – 9955 0415 WRMI, Sp/E, "Viva Miami" – 9955 0730 CRI Beijing, Sp, DX – 17680kas 0730 Radio Australia, E, "Media Report" –

15240 15415 17840 PAC / AS 0800 DX-News, E / Dutch - 7310 Kall relay 1100 WRMI, Sp, Frecuencia al Dia - 9955 1130 WRMI, E, World of Radio - 9955 1300 WRMI, E, AWR Wavescan - 9955 1345 WRMI, Sp/E, "Viva Miami" - 9955 1700 DX-News, E / Dutch - 6005 Kall relay 1800 DeutschlandRadio Kultur, Berlin, G, Medienmagazin 1800 Radio 700 Medienmagazin, G 1<sup>st</sup> / 3<sup>rd</sup> -FM, livestream 1930 Radio Australia, E, "Future Tense" -9580 12065 12085 PAC / AS 2100 WRMI, E, World of Radio - 7570 15770 2115 WRMI, Sp/E, "Viva Miami" - 7570 15770 2230 Radio Australia, E, "Media Report" -15240 15415 17840 PAC / AS / NoAM 2300 WBCQ, E, Allan Weiner Worldwide, - 7490 2300 WRMI, Sp, La Rosa de Tokio - 9955

#### Friday

0100 WRMI, Sp, Antena DX - 9955 0130 WRMI, E, Blues Radio International - 9955 0315 WRMI, E, AWR Wavescan - 9955 0345 WRMI, Sp/E, "Viva Miami" - 9955 0415 WRMI, E, "EU Network News" - 9955 0430 WRMI, Sp/E, "Viva Miami" - 5985 0430 Radio Australia, E, "Download This Show" -15240 15415 17840 PAC / AS / NoAM 0800 DX-News, E / Dutch - 7310 Kall relay 0930 Radio Australia, E, "Future Tense" -9580 12065 12085 PAC / AS 1100 WRMI, Sp, Historias de Radio - 9955 1230 WRMI, E, AWR Wavescan - 9955 1345 WRMI, Sp/E, "Viva Miami" - 9955 1500 KVOH Voice of Hope, Sp, Frecuencia Al Dia - 17775 1530 BBC R4, Feedback, E -LW 198, MW, FM, UK DAB, STL, livestream online 1700 DX-News, E / Dutch - 6005 Kall relay 1825 RAE Buenos Aires, E, Dx Supplement - 15345 1940 R Taiwan Int, G, ADDX DX px, 2<sup>nd</sup> - 6185wof 2100 WRMI, E, AWR Wavescan - 7570 2115 WWCR Nashville, Sp, Frecuencia al Dia - 6115 2130 WRMI, E, World of Radio - 7570 15770 2130 RAE Buenos Aires, G - 9690 15345 2200 WRMI, E, Media Network Plus, PCJ Radio - 9955 2250 RAE Buenos Aires, Sp, Suplemento de Actualidad DX -6060 15345 2300 WRMI, Sp/E, "Viva Miami" - 11580

#### Saturday \_

0000 and 0100-0130 WBCQ, E, Allan Weiner Worldwide, Area 51, - 5110cusb 7490 0015 WRMI, Sp/E "Viva Miami" - 9955

0130 WRMI, E, AWR Wavescan - 9955 11580 0225 RAE Buenos Aires, E, Dx Special Supplement - 11710 0300 WRMI, Sp, Historias de Radio - 9955 0415 WRMI, Sp/E "Viva Miami" - 9955 0430 HCJB Quito, G - 3995 7365 Weenermoor EUR ex 4th 0430 HCJB Quito, G, AGDX-px by Olaf Mertens 4<sup>th</sup> -3995 7365 Weenermoor EUR 0630 HCJB Quito, G - 3995 7365 Weenermoor EUR ex 4th 0630 HCJB Quito, G, AGDX-px by Olaf Mertens 4<sup>th</sup> -3995 7365 Weenermoor EUR 0630 HLR via Goehren-Germany, E, World of Radio -7265cusb 0800 DX-News, E / Dutch - 7310 Kall relay 0825 KBS World Radio Seoul, E, "Listeners Lounge" mailbag show - 9570 AS 0900 WRN / Sky channel EUR, E, World of Radio 0905 SWRinfo, G, Medien - FM, DAB+, STL Astra 0930 VOA Radiogram [digital tests] E - 5745gre AM 0930 HCJB Quito, G - 3995 7365 Weenermoor EUR ex 4th 0930 HCJB Quito, G, AGDX-px by Olaf Mertens 4<sup>th</sup> -3995 7365 Weenermoor EUR 1000 WRMI, Sp/E, "Viva Miami" - 9955 1005 WDR5 Cologne, Medienmagazin, G - FM, STL, DAB-S 1100 WRMI, E, AWR Wavescan - 9955 1105 DeutschlandRadio Kultur, Berlin, G, Breitband Media 1110 KBS World Radio, Sp, Antena de la Amistad -11795 SoAM/CeAM 1145 Voice of Turkey, G - 13760 1150 BBCWS "Over tou You": livestream online, UK DAB etc. SW 6195sng 9740sng 11895tha 15285sng 1200 HLR Goehren-Germany, E, "Chelmsford Calling", 3<sup>rd</sup> -7265cusb 1230 SWRinfo, G, Medien - FM, DAB+, STL Astra 1241 Voice of Turkey, E, Letterbox forthnightly - 15450 1245 WRMI, Sp/E, "Viva Miami" - 9955 1320 SR2 Saarebruck, Medienwelt, G -FM, STL Astra ADR, DAB-S 1325 KBS World Radio Seoul, E, "Listeners Lounge" mailbag show - 9570 AS 15575 AM 1330 Media Network Plus, PCJ Radio, E - [special - irreg.] 13720trm 1400 HLR Goehren-Germany, E, "PCJ Media Network Plus", -7265cusb 1427 RRI Bucharest, G - 9600 11620 1430 HLR Goehren-Germany, E, World of Radio -7265cusb 1500 HCJB Quito, G – 3995 7365 Weenermoor EUR ex 4<sup>th</sup> 1500 HCJB Quito, G, AGDX-px by Olaf Mertens 4<sup>th</sup> -3995 7365 Weenermoor EUR 1505 DeutschlandFunk Cologne, G, Media Magazine 1600 VoA Radiogram [digital tests] E - 17860gre EUR / AF 1600 Radioeins, Rundfunk Berlin-Brandenburg (rbb), G,

- Medienmagazin FM, DAB+, STL Astra digital
- 1625 KBS World Radio Seoul, E, "Listeners Lounge"

mailbag show - 9640 AS 1630 WWCR Nashville, E, AWR Wave Scan - 12160 1630 Voice of Turkey, Sp - 11930 1641 Voice of Turkey, E, Letterbox forthnightly - 15520 1700 DX-News, E / Dutch - 6005 Kall relay 1700 WRN, E, PCJ Media Network Plus, NoAM / Af / AS 1730 WRN, E, World of Radio, NoAM / Af / AS 1730 Voice of Turkey, G - 11835 1750 BBCWS "Over to You" LW198, livestream online, UK DAB 1800 HCJB Quito, G - 3995 7365 Weenermoor EUR ex 4th 1800 HCJB Quito, G, AGDX-px by Olaf Mertens 4<sup>th</sup> -3995 7365 Weenermoor EUR 1800 Radio Belarus Minsk, G - 11730 11930 1811 RRI Bucharest, G - 7300drm 9540 1825 KBS World Radio Seoul, E, "Listeners Lounge" mailbag show - 7275 AS 1841 Voice of Turkey, E, Letterbox forthnightly – 9785 1951 KBS World Radio Seoul, via Sofia, G -5885drm 5900 EUR 2000 HCJB Quito, G - 3995 7365 Weenermoor EUR ex 4th 2000 HCJB Quito, G, AGDX-px by Olaf Mertens 4<sup>th</sup> -3995 7365 Weenermoor EUR 2041 Voice of Turkey, E, Letterbox forthnightly - 7205 2051 KBS World Radio Seoul, G - 3955wof EUR 2105 Radio NZL Internat., E, Mediawatch -11725 15720drm PAC 2130 Global 24, Sofia-BUL, E, World of Radio - 9525 2211 Voice of Turkey, E, Letterbox forthnightly - 9830 2225 KBS World Radio Seoul, E, "Listeners Lounge" mailbag show - 11810 EUR 2245 WRMI, Sp/E, "Viva Miami" - 9955 2300 Radio 700 Medienmagazin, G 1st / 3rd - livestream

#### Sunday \_

0000 WTWW, E, "QSO Radio Show" by Ted Randall, -5085 9930 0100 Voice of Turkey, Sp - 9770 9870 0110 KBS World Radio, Sp, Antena de la Amistad -11810 AM 0130 Radio Australia, E, Future Tense technology -15240 15415 17840 PAC / AS / NoAM 0145 WRMI, Sp/E, "Viva Miami" - 9955 11580 0225 KBS World Radio Seoul, E, "Listeners Lounge" mailbag show - 9580 AS / AM 0230 VoA Radiogram [digital tests] E - 5745gre AM 0311 Voice of Turkey, E, Letterbox forthnightly - 6165 9515 0505 WWCR Nashville, E, Into Tomorrow - 4840 0510 NHK R Japan Tokyo, Friends Around the World, E -5975wof 11970iss 0600 Radio Belarus Minsk, G - 3985 Kall relay 0605 WWCR Nashville, E, Into Tomorrow - 4840 0700 Radio Belarus Minsk, G - 3985 Kall relay 0800 DX-News, E / Dutch - 7310 Kall relay

0800 Amateur Radio Mirror, via Sentec, E -7082usb 7205 17660 0803 SWRinfo, G, Medien - FM, DAB+, STL Astra digital 0812 Radio NZL Internat., E, Mediawatch - 9700 PAC 0830 WRN, E, World of Radio, - NoAM 0844 InfoRadio, Rundfunk Berlin-Brandenburg (rbb), G, Medienmagazin – FM, DAB+, STL Astra digital 0900 WRN, E, "PCJ Media Network Plus", - NoAM 0900 DARC Radio, via ORS Moosbrunn Austria, G - 6070 0945 WWCR Nashville, E, "Ask WWCR" - 4840 0950 BBCWS "Over to You" livestream online, UK DAB 1010 NHK R Japan Tokyo, "Friends Around the World", E -9625 PAC 1105 Radio Australia, E, Download This Show -9580 12065 12085 AS/PAC 1132 SWRinfo, G, Medien - FM, DAB+, STL Astra 1205 BR5 Munich, Medienmagazin, G -FM, STL Astra digital, DAB+, Livestream 1210 NHK R Japan Tokyo, "Friends Around the World", E -11740sna 1245 WRMI, Sp/E, "Viva Miami" - 9955 1324 InfoRadio, Rundfunk Berlin-Brandenburg (rbb), G, Medienmagazin – FM, DAB+, STL Astra digital 1335 RHC Habana, Sp, "En Contacto" -9640 9820 11860 11950 13740 15230 15370 15730 LatAM 1410 NHK R Japan Tokyo, "Friends Around the World", E -11705pal 15735tac 1435 BR5 Munich, Computermagazin, G -FM, STL Astra digital, DAB+, Livestream 1530 AWR Wavescan Asia Guam, E, CHN/IND - 15670nau 1600 AWR Wavescan Asia Guam, E, AS/IND -11995trm 15530 1644 InfoRadio, Rundfunk Berlin-Brandenburg (rbb), G, Medienmagazin – FM, DAB+, STL Astra digital irregularly scheduled, ceased during sports events. 1700 DX-News, E / Dutch - 6005 Kall relay 1730 WRN, E, "PCJ Media Network Plus", - AF / AS 1800 HCJB Quito, G, AGDX-px by Olaf Mertens 4<sup>th</sup> -3995 7365 Weenermoor EUR 1810 NHK R Japan Tokyo, "Friends Around the World", E -9755mey 1810 KBS World Radio, Sp, Antena de la Amistad -9740 EUR/ME/NE/AF 1830 AWR Wavescan Asia Guam, E, AF - 11840mey 1835 BR5 Munich, Computermagazin, G -FM, STL Astra digital, DAB+, Livestream 1900 RRI Bucharest, Sp - 9540 11625 1900 Radio Cairo, G, Letterbox - 9665 1902 BBC R4, Feedback, E - LW 198, MW, FM, DAB, STL, livestream Online 1903 SWRinfo, G, Medien - FM, DAB+, STL Astra

1909 RHC Habana, E, "DXers Unlimited" – 11760 NoAM Chicago

- 1930 VoA Radiogram [digital tests] E 15670gre EUR / AF
  2000 HCJB Quito, G, AGDX-px by Olaf Mertens 4<sup>th</sup> 3995 7365 Weenermoor EUR
  2100 WRMI, E, World of Radio 15770
  2100 AWR Wavescan Asia Guam, E, AF 11955mos
  2100 RRI Bucharest, Sp 15170 17745
  2145 WRMI, Sp/E, "Viva Miami" 15770
  2200 AWR Wavescan Asia Guam, E, SoAS/PAC 15435
  2235 RHC Habana, Sp, "En Contacto" 17730 EUR 5040 9535 9710 11760 11840 13740 No/LatAM
  2245 WRMI, Sp/E, "Viva Miami" 9955
  2300 RRI Bucharest, Sp 9765 9790 11700 11795
  2300 WRMI, E, World of Radio 11580
  2309 RHC Habana, E, "DXers Unlimited" 5040 Banda Tropical
- 2309 RHC Habana, E, "DXers Unlimited" 11880 AF
- 2330 AWR Wavescan Asia Guam, E, VTN/SoEaAS 15320

Web sites for DX & Media programmes: many of these have live or archived audio or programme scripts.

Ask WWCR (live): <www.wwcr.com> Australian DX Report: <adxr.podbean.com> AWR "Wavescan": <www.awr.org/en/listen/program/143/ru> BBC R4 Feedback: <www.bbc.co.uk/radio4> (live+archive) BBC World Service "Click": <www.bbc.co.uk/programmes/p002w6r2> BBC World Service "Over to You": <www.bbc.co.uk/programmes/p002vsn8> Chelmsford Calling (monthly): <www.chelmsfordcalling.co.uk> DXers Unlimited: <dxersunlimited.blogspot.com> Global 24 Radio: <a href="http://about.global24radio.com/programs/">http://about.global24radio.com/programs/</a> Happy Station/PCJ Media Network Plus: <www.pcjmedia.com/medianetworkplus> NHK Radio Japan <www3.nhk.or.jp/nhkworld/english/radio/program/index.html> KBS World Radio: <world.kbs.co.kr/english> VOA Radiogram: <a href="http://voaradiogram.net/">http://voaradiogram.net/></a> World of Radio: <www.worldofradio.com WRMI: <www.wrmi.net>

(thanks to BrDXC-UK British DX Club item)

# 3475 Years of HCJB Shortwave

In the early 1940's, the physics department of the University of Chicago was undoubtedly an exciting place. In late 1942, the world's first self-sustaining nuclear reaction took place under the stands of the football stadium under the direction of Columbia Unviersity Professor Enrico Fermi.

On Easter Sunday 1940, the atomic pile had not yet been built, but the University was clearly about to be at the center of some of the greatest science of our time. But one graduate student was about to hear a different call, and it came over the shortwave radio.

On Easter Sunday, 1940, a new radio station had just come on the air and was conducting its inaugural broadcast with a new 10 KW

shortwave transmitter. The station wasn't entirely new, but it had just installed the new transmitter, and it now had a strong signal to North America. That station was HCJB, the Voice of the Andes, in Quito, Ecuador.

The station had been founded in 1931 by American missionary Clarence W. Jones. Jones had worked under Chicago evangelist Paul Rader, who had been one of the first radio evangelists, having a weekly program called "WJBT" (Where Jesus Blesses Thousands), which was carried by WBBM in Chicago. Jones had been impressed by the radio's ability to spread the Gospel, and felt called to establish a radio ministry in Latin America. In 1928, he traveled to Venezuela, Colombia, Panama and Cuba, seeking a location for the station, but was unable to receive government permits in any of those countries.

Later, Christian and Missionary Alliance missionaries to Ecuador encouraged him to start the radio station there. In 1930, Jones obtained the approval of the Ecuadorian government to begin a station,

HCJB came on the air on Christmas Day, 1931. The initial 30-minute broadcast in English and Spanish was from a fairly respectable 200 watt transmitter. But that transmitter was sitting on a table in Jones' living room, with a simple wire antenna strung between two poles. And there were only six receivers in the country at the time.

Notwithstanding its small start, the station continued to grow. And by 1940, it was able to install the substantial 10 KW shortwave transmitter that would provide good coverage in both South and North America. By 1941, broadcasts were expanded to include Russian, Swedish and Quichua. Other languages soon followed.

The inauguration of the new shortwave transmitter was noted in North America. The shortwave bands reflected the fact that Europe was now at war, and the message of peace transmitted from Ecuador was a breath of fresh air. The shortwave editor of Radio Guide magazine made these observations in the April 20, 1940, issue:

#### "The Voice of the Andes"

To those listeners tired of the eternal babble of Europe's shortwave voices of hate and war: Turn your dials to HCJB (12.48), "The Voice of the Andes," at Quito, Ecuador. Here, at an elevation of 10,000 feet, encircled by eleven snow-capped peaks of the mighty Andes, nestles the oldest city of the New World, one of the ancient capitals of the Incas steeped in fifteen hundred years of traditions; a city whose many white churches shelter staggering treasures in gold and precious stones; a city with winding cobbled streets, overhanging balconies, ancient archways, sunlit plazas and countless white-stone houses perched crazily on steep hillsides, their red-tile roofs, with green moss cropping out here and there in the cracks, forming vivid splotches of color against the snowy mantle of the guardian peaks.

Such a historic and picturesque setting seems indeed a fitting site for a missionary radio station whose messages are those of peace and good-will. This new 10,000-watt modern short-wave transmitter-the most powerful in South America and the only broadcast station to employ a fully rotatable antenna-stands as a tribute



HCJB grounds. Wikipedia photo. by Mschaa – Own work. Licensed under GFDL via Wikimedia Commons.

to the sacrificing labors of one many–Clarence Jones, a gospel missionary from Chicago, whose lifework is to minister to and teach the Andean Indians. Because of the rugged contours of Ecuador, making transportation exceedingly difficult, Reverend Jones recognized long ago the vital value of radio in carrying on his work and



HCJB technical staff in 1945. Head engineer Clayton Howard is in the center. (Image by SkagitRiverQueen, Licensed under CC BY-SA 3.0 via Wikipedia.)

subsequently installed several small short-wave stations at Quito, including the former 1,000-watt transmitter of HCJB and a mobile broadcasting station which carries this active pastor's voice to the most remote jungle and mountain tribes. The new station–a labor of love paid for by voluntary subscriptions from his loyal friends–was built by an American amateur, Clarence Moore, who is well known to hundreds of amateur friends under his call, HC1JB. The new "Voice of the Andes" was officially inaugurated on Sunday, March 24.

On the dial, HCJB (12.46) comes in above the 25-meter band and approximately half-way between the 12 and 13 megacycles figures in frequency. You will have no trouble in hearing HCJB, since its unique location and rotatable aerial make it possible for it to project strong signals into North America.

HCJB is on the air for several hours daily with Spanish programs for the benefit of listeners in the Latin Americas, but English listeners will be primarily interested in "Ecuadorian Echoes," on from 6:00 to 7:00 p.m., and the "Friendship Hour," broadcast nightly except Mondays from 9:00 to 10:00 p.m. EST. These all-English programs are directed specifically to North America. "Ecuadorean Echoes," one of the most interesting programs on the air, breathes the very soul of Latin America. During this period the native music, the literature and the very lives and habits of these romantic peoples come to life and parade before the microphone. "The Friendship Hour" is a strictly good-will program consisting of classical music, old-time hymns, simple gosple messages, the reading of letters from listeners and personal messages to friends everywhere.

Among the listeners to that first program on Easter Sunday 75 years ago was University of Chicago graduate student Clayton Howard. He had received his undergraduate degree in physics the previous year from nearby Wheaton College. He had been born in China to missionary parents who returned to the United States when Clayton was 9, in order for Clayton's father, Charles Howard, to organize the biology department at Wheaton.

By this time, Clayton was a licensed amateur radio operator. In the 1938 call book, he is listed as holding call sign W9KJZ. For whatever reason, he happened to be tuning above the 25 meter band that night and heard the new station. He later recounted that he was aware of a missionary station in South America, but knew little about it before chancing upon its broadcast that night. He was intrigued enough to seek out Reuben Larson, one of the missionaries to Ecuador who had a decade earlier encouraged Jones to start the station.

The name Clayton Howard is familiar to many hams and shortwave listeners. 1941 saw Howard be commissioned by his church as a missionary and accept a call to serve on the technical staff of HCJB. Howard went on to become the station's chief engineer, and is best known as being the on-air host of the "DX Partyline" program, which he produced and hosted for 22 years. This program was very popular with SWL's,



Clayton Howard and wife Helen hosting DX Party Line, 1970's. Photo courtesy HCJB, used with permission.

as it included station reports and other listening tips. The program always concluded with Howard offering a short segment entitled, "Tips for Real Living," in which he shared with listeners a brief Gospel devotional message.

The Soviets didn't normally provide recognition to Christian missionaries, but in Howard's case, they made an exception. When Howard retired in 1984 and made his last DX Partyline broadcast, Radio Moscow announced that "the living legend of the Andes has retired."

If you grew up as I did listening to a shortwave radio in the 1960's and 1970's, the name Clayton Howard is certainly a familiar one. And chances are, you heard one of those tips for real living. If you

did, it was probably because on Easter Sunday, 1940, a 12.48 megacycle radio signal traveled from the Andes to a receiver in Chicago.

As a result of that Radio Signal, Clayton Howard probably never met Enrico Fermi. He probably had nothing to do with the construction of the atomic pile under the football stadium. If he had, perhaps Howard would be remembered today as a nuclear physicist. But God called him elsewhere, and it appears that He made that call on 12.48 megacycles.

#### (OneTubeRadio.com - <http://onetuberadio.com/2015/03/24/75-years-of-hcjb-shortwave/>)

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#### Does the BBC World Service have a future? by Andrew Whitehead, openDemocracy.net

The editor of BBC World Service News until earlier this year argues that the funding of the World Service through the licence fee strengthens the corporation's hand in negotiations about a new charter.

'We all have to decide what we want to do with the World Service, whether it wants a strategy for growth or managed marginalisation'. This was James Harding, the director of BBC News, speaking at the launch of his Future of News report in January 2015.

When editors declare that part of their empire faces a choice between expansion or decay, they are, of course, not advocating the second option. But the stark manner in which the issue was raised – what do we do with the World Service? – chimes with a debate pursued fitfully within the BBC in recent years. When the corporation faces such acute funding challenges, what role is there for what's sometimes perceived as a heritage brand remote from its new funder, the licence fee payer?

If the BBC was designing a range of global services from scratch, it would probably not put as much effort in a global English language radio service as it would in television and digital offers. And if it broadcast at all in other languages, it might well be in a small number of widely spoken languages. But the BBC is not new in the game. It's in the privileged position of being the best regarded global news broadcaster with a reach and authority built gradually over decades of endeavour. It is currently attracting three-hundred million viewers, listeners and users around the world and has been set – by director general Tony Hall – the task of raising that to half-a-billion by the BBC's centenary in 2022.

#### What is the World Service?

One of the difficulties in discussing the World Service is deciding what it is. The World Service Group, a fairly recent rebranding within BBC News, stretches well beyond what most would understand by that name. By the World Service, we mean those international-facing sections of the BBC that were funded principally by a Foreign Office grant-in-aid until April 2014 when they came under the licence fee:

- the English World Service, a 24-hour radio network which is also increasingly a content provider for digital as well as audio platforms;

- the twenty-seven language services, once radio operations but now with as big a reach on television, the internet and social media.

That does not stretch, for our purposes here, to encompass those components of the World Service Group which have a different funding basis or history: BBC World News television and the bbc.com website, with audience reach outside the UK of 85 million and 32 million respectively, are largely commercially-funded; BBC Media Action, an ambitious global development communications charity, is supported by donors, governmental and otherwise; BBC Monitoring, funded principally by the Cabinet Office until 2013, now falls under the licence fee.

The transfer of funding responsibility from the Foreign Office to the licence fee was preceded by a reduction of about a quarter in the World Service budget, entailing the closure of several language services as well as of

transmitters and frequencies. The unceremonious dumping of the World Service on the licence fee produced an undertow of resentment elsewhere in the BBC, faced with the prospect of cuts to accommodate services the Foreign Office no longer wished to support. That anxiety was mirrored within the World Service. So far, though, the BBC has lived up to its public commitment to inject additional money into the World Service – though that does not mean that global services will, or should, be immune from the need to achieve further savings.

If the Foreign Office was still the funder, the World Service would certainly have faced cuts much deeper than it has so far endured. And simply on the grounds of convincing our audiences of our editorial independence, the rock on which the BBC's worldwide reputation stands, being funded in the same way as much of the rest of BBC News feels a lot more comfortable than receiving a grant directly from government.

All this coincided with the BBC's move out of Bush House, a building so resolutely unmodern that it really was an example of managed decline. However much the World Service loved Bush House and the cosmopolitan culture it nourished over seventy years, being at a distance from Broadcasting House and Television Centre created formidable barriers to binding with the broader BBC. The move to the lavishly expanded Broadcasting House, where World Service teams are co-located with the rest of BBC News, has proved to be a blessing.

#### The 'soft power' argument

The funding change has required a recalibration of the case for public money to fund services which are directed largely to audiences outside the UK. The most difficult argument for the World Service is the one James Harding turned to first when launching his Future of News report – that it is 'an ambassador of Britain's values and an agent of soft power in the world'. The argument that respect for and the reach of the BBC World Service brings benefit to Britain is unexceptional. But if that extends to presenting the World Service as an informal aspect of British diplomacy, then a line has been crossed.

The main purpose of the World Service is to meet a demonstrable need for impartial, authoritative and engaging news. If that is diluted, even if simply to help make a case in Westminster and Whitehall, there is a risk of damaging the trust which is the basis of the service's reputation and reach.

#### It's the audience size, stupid

The more compelling case for the World Service is its continued success in attracting audiences. Across the world, one in every sixteen adults makes use of the BBC. Two-thirds of that reach comes from the World Service. It's what sustains the BBC as a global brand.

The English World Service is by far the BBC's biggest radio network. According to the 2015 Global Audience Measure, more than 50 million listeners tune in every week. The latest figures indicate an impressive year-on-year increase in audience of almost a quarter. A gradual fall-off in short-wave listening has been more than matched by increasing audiences to FM relays in major cities and by World Service content being carried on hundreds of partner stations who dip in to BBC output for part of the day. Half the total English audience is in Africa. Half of the rest is in the United States, where public radio pays (not a huge sum, but in total several million dollars a year) for the right to rebroadcast flagship programmes such as Newshour.

Although only 4 per cent of the audience for the English World Service is in the UK – split roughly equally between those listening on digital audio and in the night hours on Radio 4 frequencies – that still delivers a reach of more than two-million, which is about the same as Radio 3. It's a powerful reaffirmation of the value of the World Service to licence fee payers.

The network has devised new, more engaging, formats for news and current affairs, with programmes such as World Have Your Say and Outside Source. It produces the BBC's most widely accessed news podcasts (the Global News podcast has approaching half-a-million downloads a day) and has developed a Facebook community, notably in South Asia, which is well over the three-million mark. The 2016 audiences figures will, for the first time, reflect the success of the newly-launched BBC Minute, a 'bite-sized conversation of what's happening now around the globe' refreshed every half-hour. This has a tone and news agenda aimed particularly at younger listeners to mixed genre radio stations in Africa; it will add several millions to overall

reach.

A radio service which is sometimes seen as unchanging has had a greater pace of change than any other of the BBC's national radio networks – accompanied by greater audience growth.

#### World Service 'in a sweet spot'

The reputation of the World Service, and the generally high standing it enjoys with parliamentarians and opinion formers, is a valuable asset to an embattled BBC and threatened licence fee. Some years ago, a senior member of the BBC's audiences and marketing team, in presenting a survey of parliamentary and political opinion about the BBC and its constituent parts, commented lyrically that the World Service was 'in a sweet spot' while the broader BBC was simply 'in a spot'. That's still the case. John Whittingdale who, as the new culture secretary is regarded in some quarters as 'the scourge of the BBC', presided over a culture, media and sport select committee report which lauded the World Service as 'a reliable, respected foreign and English language news service' with 'an increasingly important role in what is a global information war'.

That outlook is reflected in the government's green paper on the BBC published in July 2015, which emphasises the need for continuing change in the World Service - but to ensure its continued vitality rather than to squeeze value out of it:

We want to look at how this important part of the BBC's service can continue to compete with other international providers and remain relevant in a changing global environment.

... Making sure the World Service continues to have the funding it needs will be vital to allow it to continue to deliver value for the UK.

The pressure on the World Service's budgets (the green paper puts these at £254 million in 2014-15) is likely to come from inside the BBC rather than from external pressure to reduce the scope of global news provision.

The funding of the World Service through the licence fee strengthens the BBC's hand in negotiations about a new charter – in the words of the Economist, 'while the World Service remains a national treasure, it is also a valuable ransom'. The BBC's case for charter renewal is likely to argue that only a sufficient overall settlement will allow the World Service to thrive and, in particular, to implement some of the recommendations put forward by Sir Howard Stringer, former president and CEO of Sony and a non-executive member of the BBC's executive board, about how to reach the half-billion audience target. These include consideration of a service in Amharic for Ethiopia, Africa's second most populous nation, and a platform to reach the people of North Korea.

#### Language services

The BBC's language services have been through more profound change than perhaps any other part of the corporation. Once almost entirely radio services, these now gain as much of their reach through television, online and social media. Television services in Arabic and Persian, with audiences of 32 million and 14 million respectively, are now the main BBC platforms into the Middle East. While radio remains the primary means of reaching audiences in much of Africa, TV news services in Swahili, building on the Focus on Africa brand in English, are starting to attract millions of viewers.

The case for broadcasting in the most widely spoken languages, and in a small number of lifeline languages (Somali is a good example) where the BBC has high standing and can meet profound need, is fairly clear cut. Not all the current range of services fit in one or other category. This is in part a legacy of rancour between the BBC and the Foreign Office over the implementation of public spending cuts. The Foreign Office insisted on retaining a right of veto over the closure of languages services while divesting itself of funding responsibility. This curious anomaly may well get ironed out in the charter negotiations. But the enduring veto limited the BBC's scope for a thorough remodelling of the range of languages in which it broadcasts – and it may well wish to return to this issue once a new charter is in place. That certainly is the message from Howard Stringer, who recommended prioritising languages and services with the greatest potential for growth and ensuring that digital and 'mobile first' strategies punch through.

#### **Commercialising the World Service**

While the BBC's World News TV network and the global-facing website have shown the way in attracting commercial income, the World Service also needs to explore opportunities for topping-up budgets. Some of the bigger language websites have piloted taking adverts, and the success of Arabic TV is likely to prompt consideration of its commercial potential. There's not so much prospect of further commercial revenues from the English World Service – unless it, too, pilots taking advertising, which would be politically difficult and, given the absence of an established advertising market in international radio, may not be all that lucrative.

Not many licence fee payers watch or listen to the BBC's language service but they gain in another way. Languages journalists allow the BBC to maintain comprehensive global cover at a time when resources are tight and the newsgathering footprint is shrinking. Correspondents brought in to the BBC to work for language services – among them Shaima'a Khalil, Tomi Oladipo, Anne Soy, Nomsa Maseko and Rupa Jha – are increasingly familiar faces and voices to audiences in the UK. This sharpens the BBC's journalism, freshens the range of on air talent and is a more efficient use of the licence fee. It is one of those examples of crisis being a catalyst to changes which are altogether beneficial.

#### 'Our biggest job is not to screw it up'

Over the past few years, the World Service has avoided the prospect of death by a thousand cuts through innovation and new investment, as well as a pursuit of greater efficiency. Judging by audience size, it has worked handsomely. That success offers the BBC the opportunity of remaining a vital force in international news at a time of retrenchment.

The new form of funding for the World Service carries risks, and it remains possible that a smaller BBC will turn in on itself and focus narrowly on a public service remit in the UK. That is not only unlikely, it would also be unwise. The harm it would inflict on the BBC's global reputation, and so its ability to provide comprehensive news for domestic as well as international audiences, would be immense. As James Harding put it recently, 'the BBC is unique, the most trusted, responsible and reliable news source in the world, and our biggest job in the next ten years is not to screw it up'.

(This is an edited extract of a chapter from the forthcoming book: *The BBC Today: Future Uncertain.* Ed. John Mair, Professor Richard Tait and Professor Richard Lance Keeble. Abramis Bury St Edmunds: 5 September 2015, ISBN: 9781845496562)

## 'Indispensable Help In Difficult Times' — RFE/RL Celebrates 20 Years In Prague



This week, RFE/RL marked its 20th anniversary in the Czech Republic in an event convened under the auspices of Czech

Prime Minister Bohuslav Sobotka and attended by dignitaries from over 22 countries.

In his keynote remarks, Prime Minister Sobotka recalled listening to RFE/RL as a student in Czechoslovakia.

"I want to thank RFE/RL not only for the last 20 years, but...for the indispensable help in difficult times of oppression, for being a fixed point in space of objectivity in a universe of disinformation, for providing a sense of direction for so many listeners, and for disseminating the voices of freedom," he said.

Sobotka announced the award of two Karel Kramar medals for national service to former RFE/RL Czechoslovak Service Director Pavel Pechacek and former RFE/RL President Kevin Klose. Pechacek was the only independent journalist to report to audiences in their native Czech language directly from Wenceslas Square during the 1989 Velvet Revolution. Klose led RFE/RL during the move to Prague in 1995. The medals will be presented to the recipients during the Prime Minister's visit to the U.S. this fall.

Representing the Broadcasting Board of Governors at the event, Ambassador Ryan Crocker paid tribute to the importance of informed media in conflict zones, and the courage of RFE/RL journalists working on the front lines in Ukraine, Afghanistan, and elsewhere.

U.S. Ambassador to the Czech Republic Andrew Schapiro expressed the United States' deep appreciation for the U.S.-Czech bilateral relationship and their partnership in supporting RFE/RL.

RFE/RL began broadcasting from Munich to the former Soviet Union and eastern and central Europe in 1950, moving its operations to Prague in 1995 at the invitation of then Czech President Vaclav Havel. Sixty-five years after its first broadcast, RFE/RL is a leading innovator in international media, reaching an audience of 23.3 million people in 24 countries and 28 languages on TV, web, social networks, and mobile platforms.

(Broadcasting Board of Governors (BBG), JULY 2, 2015 - via Prof. Dr. Biener, Germany)

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## ZBC desecrates Gweru station, fires all journalists

The Zimbabwe Broadcasting Corporation today fired all journalists and majority of supporting staff at its Gweru based Voice of Zimbabwe station. The development could literally means the station has been shut down.

The station was in the build up to the 2002 elections during the first stint of Jonathan Moyo as Information minister. It was accessible on the short wave band and it is understood its establishment was meant to jam foreign-based stations that the Zanu (PF) regime believed to be hostile towards it while sympathising with the MDC ahead of the watershed polls.

Sources at the station today pointed out that all employees working on the current affairs department that comprised of about 20 journalists were given letters informing them that their contracts had been terminated on three months' notice. Joseph Nhara, the station manager, is understood to have also been fired together with employees from other departments like news production, engineering, security and drivers- bringing the total figure of the affected workers to about 50.

"We write to advise that the employer has decided to exercise its right in terms of the Common Law and Section 12 (4) of the Labour Act (Chapter 28:01) (Hereinafter referred to as the Labour Act to terminate your contract of employment in notice with immediate effect," reads part of a letter addressed to one of the sacked workers. It is dated 11 August and was signed by ZBC's Acting Chief Executive, Patrick Mavhura.

The correspondence also demanded that the sacked workers today surrender identification cards and properties that they used as ZBC employees.

"Please ensure that you surrender the ZBC identity card, information relating to your responsibilities and any other ZBC property in your possession to the undersigned by 12 August 2015."

A few employees numbering about five were spared and sources said they are next line but only survived in order to safeguard equipment and properties at the radio station.

When this reporter arrived at the station, there was sombreness among the affected workers who were packing out.

"We have been caught off-guard. The ZBC had given us assurances that our jobs were safe. There is desperation here," said one of the affected employee from the current affairs department.

Last week ZBC fired its embattled chief executive, Happison Muchechetere and three other top officials who were on suspension over corruption-related charges.

According to the Zimbabwe Congress of Trade Unions, about 20 000 employees have lost their jobs since deliverance of a Supreme Court ruling that gives employers the right to fire employees upon giving them three

(The Zimbawean, August 12, 2015)

## HAARP - Alaska Military Site That Has Fueled Conspiracy Theories Will Be Transferred to Civilian Operators

It's been a suspected death beam, a secret tool to control the weather and even a weapon to manipulate the human mind. Now, the High Frequency Active Auroral Research Program, better known by its acronym, HAARP, has reached the final stage of its strange journey that began with Cold War concerns about nuclear war: Next month, the Alaska-based research station will be transferred to civilian control. HAARP will be handed over in August to the University of Alaska, confirmed Othana Zuch, an Air Force spokesperson. A ceremony for the handover is also scheduled for that month.

"The Air Force Research Lab has control of the HAARP facility until Aug. 11," Marmian Grimes, a university of spokesperson, wrote in an email to The Intercept. "After that, the university will have access to the site under the terms of



HAARP antenna field - Wikipedia photo

an agreement between [University of Alaska Fairbanks] and the Air Force.

\*

That agreement allows access for two years, which will provide the university and the Air Force time to negotiate an agreement regarding the transfer of the land." Located on a site near the town of Gakona, Alaska, HAARP consists of 360 radio transmitters and 180 antennas, which are used to generate radio waves that heat up the ionosphere by accelerating electrons, allowing scientists to conduct experiments. When it was first conceived during the Cold War, HAARP was going to study whether currents of charged particles traveling through the ionosphere, a region of the upper atmosphere, could be used to transmit messages to nuclear submarines lurking deep underwater. When the Cold War ended, HAARP supporters offered up other uses, like examining ways to detect underground facilities in countries like North Korea. In 2002, the Pentagon grew interested in using HAARP to study ways to counter high-altitude nuclear detonations.

That plan, too, eventually fell to the wayside, and funding dried up. The Defense Department spent almost \$300 million - most of it provided through congressional add-ons - over two decades to build the site, which was finally completed in 2007. Less than seven years later, the Air Force announced it would close and dismantle it. Given its seeming esoteric goal - studying the ionosphere - the facility received outsized attention from those who believed it is a classified military facility. Over the years, HAARP strove to break free of the conspiracy theories that surrounded it, even holding annual open houses for the public to allow people to view the facility. It didn't work, and the conspiracy theories continued, including allegations that HAARP was the cause of the massive 2010 earthquake that devastated Haiti.

Last summer, the Air Force announced that it was getting ready to dismantle HAARP. The facility's most obvious application - as a tool for scientists to study the ionosphere - wasn't enough to attract federal funding. Physicist Dennis Papadopoulos, a professor at the University of Maryland and longtime proponent of HAARP, said the agreement that was worked out would transfer the facility from the Defense Department to the state of Alaska, and then over to the University of Alaska, which has long been involved in research at the site. HAARP will then operate, like other ionosphere research sites, as a scientific facility supported by those conducting experiments there. Papadopoulos said that the state of Alaska will put in about \$2 million, and some additional funding may come from the National Science Foundation and the Pentagon.

The facility has been dormant this summer, and Papadopoulos doesn't expect it to be operational until next spring, because of Alaska's harsh winter. "The most important thing is the transfer," he said, "and that is

happening in August."

(July 13. 2015 - Copyright © Michael Janitch, Dutchsinse, 2015)

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## The End of Radio Yugoslavia - International Radio Serbia



friends. Radio Yugoslavia Dear International Radio Serbia, ceases to exist on 31 July 2015. For you, our faithful listeners from all over the world, and also for us who have worked on this radio, the only consolation would be the fact that this only state short-wave station in Serbia, which has existed for 79 years, will be remembered as an efficient and reliable promoter of Serbia worldwide. No one has ever presented valid reasons why this media, of rich tradition, range and staff potentials, and with big plans until should cease to exist. vesterdav. Unfortunately, the assessments not based on arguments were louder than serious analyses and recommendations of experts, professionals and numerous listeners that

the world radio service is necessary for Serbia, that it presents the country worldwide in the best manner possible and that no serious state will renounce such an effective diplomacy.

Our significance has been confirmed by the letters of thousands of listeners from all over the world. Some listened to us because of our information programmes, some because of economic topics, while many got to love our country, Serbia, because of its tradition, beautiful and interesting landmarks and the rich heritage they were acquainted with by listening to International Radio Serbia. Regardless of your affinities, you have all told us that you were listening to us because of our objectivity and the possibility of hearing us at any time and everywhere, for such is the power of short waves.

The Serbian government, however, believes that the closing down of Radio Yugoslavia - International Radio Serbia - is a justified move. Regardless of the fact that the state of Serbia is in an economic crisis, that each saved penny is precious, that many citizens have been rendered jobless, that new work positions should be opened, it has become unclear to the very end why the only state short-wave station has suddenly become too expensive after 80 years. We are, however, certain, that Serbian citizens, taxpayers, who have financed us for all these years, would have decided differently had they been asked to.

International Radio Serbia has been the only short-wave radio station in the country broadcasting its program to all parts of the world, in twelve languages - in Serbian for our Diaspora, as well as in English, French, German, Russian, Spanish, Arabic, Albanian, Greek, Italian, Hungarian, and Chinese. It is worth reminding that the International Radio Serbia has been one of the oldest shortwave radio stations, founded six years before the Voice of America. It started broadcasting on 8 March 1936, in the then Kingdom of Yugoslavia.

What remains, after all, is the pride we feel because of the history of our radio as well as the hope that the voice of Serbia will reach our listeners wherever they are.

Thank you, dear listeners from all over the world, for having trusted us all these years! Radio Yugoslavia - International Radio Serbia now greets you and signs off.

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# WORLDWIDE DX CLUB

WORLDWIDE DX CLUB, founded in 1966, does not claim to be the biggest or best DX club in the world. Nevertheless, it offers its members and subscribers a rather good monthly bulletin (mainly in English) entitled "DX MAGAZINE" with up-to-date information on most aspects of DX'ing at the reasonable price of €18.00, £15.25 or US\$24.50 per year (air mail: €21.60, £18.30 or US\$29.40).

Since WORLDWIDE DX CLUB is the "International Department" of ARBEITSGEMEIN-SCHAFT DX (AGDX), the head organization of the German language DX clubs, it is able to offer its members and subscribers another DX publication in German entitled "Radio-Kurier - weltweit hören". This is jointly issued by the German DX organizations ADDX and AGDX and is available for €59.00 per year inside Germany; other countries: €70.00, £59.30 or US\$95.25. "Radio-Kurier - weltweit hören" ordered together with "DX MAGAZINE": €74.00 inside Germany; other countries: €85.00, £72.00 oder US\$115.70.

Both publications, "DX MAGAZINE" as well as "Radio Kurier - weltweit hören", are also available as PDF files. If you decide to receive this version, a worldwide subscription rate of  $\notin 9.00, \pounds 7.65$  or US\$12.25 applicable for "DX MAGAZINE". "Radio Kurier - weltweit hören" is available for  $\notin 35.00, \pounds 29.65$  or US\$47.65, both publications together for  $\notin 41.00, \pounds 34.75$  or US\$55.80.

WORLDWIDE DX CLUB has currently the following special publications available:

- 1. "REPORTING GUIDE", published by the EUROPEAN DX COUNCIL (€2.00 or 2 IRC's).
- "EDXC RADIO COUNTRIES LIST 2007", published by the EUROPEAN DX COUNCIL (€2.00 or 2 IRC's).
- 3. "WORLD RADIO TV HANDBOOK 2015", published by WRTH Publications Limited in December 2014 (€32.00, including postage and packing inside Europe).
- 4. "DAS OHR ZUR WELT" (Eine Einführung in den Rundfunk-Fernempfang, herausgegeben von der ARBEITSGEMEINSCHAFT DX e. V.) (€2.00 or 2 IRC's).

These prices include postage and packing. Delivery against advance payment by PayPal, International Money Order, cheque in € drawn on a German bank (otherwise please add €5.00 for bank charges), cheque in US\$ drawn on a US bank, cash in any convertible currency, Postal Money Order or transfer to our bank accounts: Raiffeisenbank Graevenwiesbach No. 100019984 (IBAN: DE75 5006 9345 0100 0199 84 - BIC/SWIFT-Code: GENODE51GWB) or ING/Netherlands No. 3822840 (IBAN: NL08 INGB 0003 8228 40 - BIC/SWIFT-Code: INGBNL2A).

Die obigen Preise enthalten Porto und Verpackung. Lieferung gegen Vorauszahlung durch Überweisung, Scheck in € (gezogen auf eine deutsche Bank, sonst €5,00 zusätzlich für Bankgebühren), PayPal, Postanweisung oder Bargeld. Konten: Raiffeisenbank Grävenwiesbach Nr. 100019984 [Bankleitzahl 500 693 45] und ING/Niederlande Nr. 3822840.

For further information on WORLDWIDE DX CLUB please write to: WORLDWIDE DX CLUB, Postfach 1214, D-61282 Bad Homburg, GERMANY (e-mail: <info@wwdxc.de>), or visit us in the Internet at <http://www.wwdxc.de>.

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