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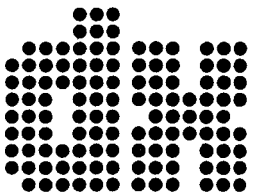
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WORLD WIDE DX CLUB



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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 eMail to our members on request)
- Archive copies of DX MAGAZINE (PDF) since the year 2000: <<http://online.wwdxc.de>>



QSL card of NHK Tokyo for report on transmission via Issoudun (via Siegbert Gerhard, Germany)

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DX MAGAZINE No. 1



Vol. LIII



January 2018

Hello again,

Welcome to the first issue of our DX MAGAZINE in this New Year 2018. Let me take this opportunity to wish you a very happy, healthy and successful year. Additionally, let me thank all of you who have paid their membership/subscription fees for the year 2018 recently and especially those who have added a donation for the club to their payment.

Our QSL CORNER editor Dario Gabrielli is asking for more contributions to his section. Therefore please send him your contribution, whenever you receive a new QSL card or letter from a radio station. The same applies of course to the other sections of our DX MAGAZINE. Our editors always appreciate your contributions to their sections. The deadline is usually the 2<sup>nd</sup> Saturday of each month, but our editors are thankful if your contribution is sent something earlier.

OM Rudolf Grimm from Brazil informs us that DXways-br are releasing the new edition of the electronic publication 'QSL.window' with new information from e-mail and postal addresses used successfully in obtaining a QSL card, a confirmation letter, or an eQSL from radio stations that received reception reports. The layout of this publication data has been improved, making it easier to locate the information that is being sought.

Many radio stations continue to receive and accept reception reports, confirming them in the best way they understand how to do it, and this is what the pages of this electronic edition presents.

Developed initially in 2012 in a joint activity with my friend Fabricio Silva (Tubarão SC), the information base of 'QSL.window' brings together data provided by SWLs from Brazil and from other countries for the use of others who wish to increase the number of their confirmations. The collaborators are presented at the beginning of the publication, to whom we thank you once again.

This publication is free. You are free to disclose this data through blogs, website or similar, always crediting the source of origin. For comments and suggestions, please contact: <grimm.r@outlook.com.br>.

To access 'QSL.window': Go to <<http://dxways-br.blogspot.com>>, click on 'QSL.window - January 2018' (on the right of the screen, just below the DX Clube do Brasil logo).

(Cf. DXM 11/2017) Der Kontestzeitraum für den Jubiläumskontest des RTHK-Hörerklubs wurde um eine Woche verändert, d. h. es werden nun Empfangsberichte bis einschließlich 20. Januar 2018 akzeptiert. Der Einsendeschluß wurde vom 20. auf den 27. Januar 2018 verlegt. Der Kontest-Fragebogen kann nach wie vor unter <<http://rthk.agdx.de/Kontest-Fragebogen.pdf>> abgerufen werden.

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

A handwritten signature in black ink, appearing to be "R. Grimm".

# NEWS ABOUT BROADCASTING (+other) STATIONS

Editor: WALTER EIBL ■ eMail: <news@wwdxc.de>

**ARMENIA** - 9910 kHz, on Dec 16 at 1432 UT, SAsian song at S=8-S5, then talk in unID language. Aoki/NDXC list shows TWR India, 300 kW, 100 degrees via Yerevan-Gavar, at 1430-1445 UT Saturday in Haryanvi; weekdays in Hindi; Sundays in Mewadi. EiBi's readme language list: "HAR Haryanvi/Bangri/Harayanvi/Hariyanvi: India-Haryana (8m) [bgc]". (gh, hcxd and dxld Dec 16)

BRB Denge Kurdistan on two frequencies in parallel on Dec. 24:

0330-1600 on 7520 ERV 300 kW / 192 deg to WAs Kurdish, as scheduled in B17

1000-1100 on 7320 ERV 300 kW / 280 deg to WAs Kurdish, scheduled 1600-2200

(DX MIX NEWS # 1050)

Fair to good signal of Voice of Armenia on Jan. 5:

1530-1545 on 4810 ERV 050 kW / non-dir to N/ME Assyrian

1545-1600 on 4810 ERV 050 kW / non-dir to N/ME Greek

1600-1630 on 4810 ERV 050 kW / non-dir to N/ME Kurdish

1630-1700 on 4810 ERV 050 kW / non-dir to N/ME Yezidi

1700-1715 on 4810 ERV 050 kW / non-dir to N/ME Turkish Mo-Fr

1700-1730 on 4810 ERV 050 kW / non-dir to N/ME Turkish Sa/Su

1715-1745 on 4810 ERV 050 kW / non-dir to N/ME Azeri Mo-Fr

1730-1745 on 4810 ERV 050 kW / non-dir to N/ME Azeri Sa/Su

1745-1815 on 4810 ERV 050 kW / non-dir to N/ME Farsi

1815-1845 on 4810 ERV 050 kW / non-dir to N/ME Arabic

(DX MIX NEWS # 1051)

**AUSTRALIA** - 4KZ Fires Up! 5055 4KZ - Innisfail QLD. Relay of the mediumwave 4KZ first noted at 0840 UT on Dec 20. Weak signal (much weaker than the 5045 kHz Ozy R.) and heavy summertime QRN. Pops and occasional adverts, ID at 0852 UT. At 0900 UT, another ID and then news. Also heard on most of the NZ web SDR remotes with the best being at the Bay of Islands site. At 0904 UT, mention made of the 5055 kHz shortwave outlet! We believe this is the first day of operation. (Rob Wagner-Vic-AUS VK3BVW, via wwdxc BC-DX TopNews Dec 20)

5055 Australia, excellent signal Dec 21 on both 5045 and 5055 kHz around 1500 UT. 5055 kHz at 1510 UT local news re terrorism, phone in program, mainly about local Australian terrorism incidents and attacks 1520 UT local ads for Innisfail. Perseus and west beverage. (Don Moman-AB-CAN VE6JY, dxld Dec 21)

5045 and 5055 kHz - I was listening to 4KZ on your Western Beverage last night (circa 0834-0933 UT) and they were coming in OK - S2 with occasional peak to S3. My Internet kept dropping the link to your site about every 4-5 min or so - very annoying. I am pretty sure it was my local Internet, which periodically drops its DSL signal due to our being at the far end of the advertised max distance for DSL transmission. Also I was also monitoring 4KZ on the KiwiSDR in Bay of Islands NZ and that link dropped at exactly the same time as yours did. Anyway sounds like your local sunrise or gray line reception is much better than Queensland's local sunset!

(Bruce W. Churchill-CA-USA, dxld Dec 21)

Strong signal of Reach Beyond Australia on Jan 1:

1115-1130 on 15575 KNX 100 kW / 315 deg to SEAs English Mo-Wed/Fr

Very good signal of Reach Beyond Australia on Jan 1:

1245-1300 on 11865 KNX 100 kW / 320 deg to SAs English Daily

1315-1330 on 11865 KNX 100 kW / 320 deg to SAs English Mo/Wed/Fr

Reception of Reach Beyond Australia on Jan 1:

1415-1500 on 12040 KNX 100 kW / 310 deg to SAs English Daily

(Ivo Ivanov, SWL DX Bulgaria News, Dec 31-Jan 1, dxldyg via DXLD)

**BHUTAN** - 6035, BBS Thimpu. On Jan 5, with \*0106 UT. Usual format of announcers with brief breaks for their distinctive indigenous stringed instrumental music at 0112, 0114 and 0116 UT; indigenous music/singing/chanting 0116-0129 UT. Sign on times here can vary as much as by half an hour!

(Ron Howard-CA-USA, DXplorer via wwdxc BC-DX TopNews Jan 5)

**BOLIVIA** - 3310 kHz Radio Mosoj Chaski, Cochabamba, at 0000 UT OM in Quechua language, good signal to 0040 UT retune seemingly a call in with announce and second OM, brief music bridge at 0047 UT. 17 Dec. (Robert Wilkner-FL-USA, DXplorer via wwdxc BC-DX TopNews Dec 17)

5952.42, Radio Pio Doce, on Jan 1. With their annual extended special New Year's Eve broadcast; 0335 mostly chatting on phone; count down to the New Year (0400), followed by National Anthem (instrumental); speeches; many IDs - "Viva Radio Pio Doce." ... BTW - 5952.42, Radio Pio Doce, was already off the air by 0103, on Jan 2, after their greatly extended schedule for New Year's Eve. (Ron Howard, Asilomar State Beach, CA, Etón E1, antenna: 100' long wire, dxldyg via WOR 1911, DXLD)

6134.82, R. Santa Cruz. Jan 2, with usual closing format of the "Santa Cruz" song 0203-0205, then dead air for a long time. (0300+). (Ron Howard, Asilomar State Beach, CA, Etón E1, antenna: 100' long wire, dxldyg via DXLD)

**BOTSWANA** - 4930, VOA, continuing with their expanded schedule; Dec 27, 0200-0205 VOA news; followed by music program IDing as "VOA 1" --- <<http://www.voanews.com/t/92.html>> fair.

4930, VOA, continuing with their expanded schedule; Jan 1 at 0151; New Year's Eve music program of pop songs; "Happy New Year from the Hit - VOA 1"; fair. (Ron Howard, Asilomar State Beach, CA, Etón E1, antenna: 100' long wire, dxldyg via DXLD)

**BRAZIL** - Radio Aparecida has returned to 11855 kHz after a few days' absence. Actual frequency is 11854.89 kHz. Heard with a weak signal from 0340 UT with songs, male anncr in Portuguese. Not very readable, but signal actually improved a bit toward TOH. Clearly // to 9630 kHz (which was worse). (Arthur Delibert-Maryland-MD-USA, hcdx Dec 27)

4885, Jan 1 at 0528, R. Clube do Pará with full ID mentioning Belém, now up to S9-S7, avoiding CODAR by LSB tuning; while earlier in evening it was too weak to copy any NYE celebrations. 4885 is normally running all-night anyway, and the biggest 60m ZY signal. Without DST, Pará 2018 arrived at 0300 UT. Tried for any other Brazilians around 0200 for \*2018 in much of Brasil, but nothing more than JBA carriers on 25, 31, 49, 60 m. (gh, DXLD)

6011.74, R. Inconfidência. First found around 2252 with M and W. W in Portuguese went over the 2300 ToH. Some canned announcements at 2302, and into music at 2304. Slowly getting better. M in Portuguese at 2318 recheck, and more music. Music program with M DJ hosting continued, playing a bunch of songs in a row after 2330. Got a het from presumed China on 6010. Nothing noted on 15190 as conditions were too poor. Heard on a couple ZY web receivers too and only 1 ID in the 2300-0000 hour. Wonder why it's so far off frequency. 26 Dec. (Dave Valko, Perseus SDR, Wellbrook ALA1530S loop at home, Dunlo PA, HCDX via DXLD)

6011.736 (thanks to Dave Valko for this measurement), Rádio Inconfidência. Don't recall them being this far off frequency before? Thanks to Dave's alert, heard faint audio with some music at 0144, on Dec 27; too weak for any meaningful details. (Ron Howard, Asilomar State Beach, CA, Etón E1, antenna: 100' long wire, dxldyg via DXLD)

[and non]. 6011.732, Dec 30 at 0625, JBA carrier, and a stronger carrier on 6010.021v, with some music, and audibly varying. Per Dave Valko log Dec 26 around 2300 in Portuguese, R. Inconfidência was on 6011.74, and EiBi Dec 29 has it on 6011.7. No other stations known now around 6010, so 6010.021 is presumably LVC, far too close to nominal (and 5910v is off). (gh, WOR 1911, DXLD)

6160.03, Super R. Boa Vontade (presumed) Came on late at 0907:54 today with male choral song. Too weak as usual. 26 Dec. (Dave Valko, Perseus SDR, Wellbrook ALA1530S loop at home, Dunlo PA, HCDX via DXLD)

9514.93, R. Marumby. 2309 C&W like Portuguese religious song. 2312 M announcer in Portuguese with mention of Cristo, then choral music briefly, and canned announcement by M with phone #, and nice canned ID promo by M at 2313:30. Pretty decent signal. 21 Dec. (Dave Valko, Perseus SDR, BOGs of 315 feet, micro-DXpedition near Dunlo PA, HCDX via DXLD)

Rádio Aparecida has returned to 11855 kHz after a few days' absence. Actual frequency is 11854.89. Heard with a weak signal from 0340 with songs, male in Portuguese. Not very readable, but signal actually improved a bit toward TOH. Clearly parallel to 9630 kHz (which was worse). Tonight (12/28 at 0045), not hearing Aparecida on either frequency. (Art Delibert, North Bethesda, MD, 12/27/17, JRC NRD-93, Pennant antenna with DX Engineering pre-amp, Hard-Core-DX mailing list via DXLD)

11854.9, Dec 28 at 0650, R. Aparecida is still/again missing, while other 25m ZYs, 11815 and 11934.9 are detectable. Art Delibert in Maryland had noted it was back on in the meantime, UT Dec 27 at 0340 on 11854.89; and Wolfgang



## 6

Büschel listening via Florida put it on 11854.848 with a tiny signal Dec 28 at 1110. (gh, DXLD)

**BULGARIA** - 15110 kHz, 1600-1700 UT. New 'Radio Biafra' service imminent. So, today is the first day of broadcasting? I recorded the signal while I was having my research group meeting. On replaying the recording, didn't detect any audio until about the 1630 UT mark. Was the transmitter really on before and with audio? Or perhaps it's just a propagation effect. But why start at 1600 UT and have adjacent-channel QRM from AWR on 15105 kHz (at least, Monday through Friday), which must also be heard quite well in the target area?

Or, if the Biafra signal is strong enough in Nigeria perhaps it can handle the adjacent channel QRM. Signal, actually, turned out to be rather poor overall for the University Enschede Twente SDR receiver (of course, nowhere near the target direction) although there were periods when it was above the noise level and could be comprehended (if one understood the language).

Some mentions of Biafra and Nigeria in the audible parts of the recording. Signal fell back into the noise towards 1700 UT so couldn't tell when the audio ended or when the transmitter actually signed off. ...  
(Richard Langley-NB-CAN, dxld Jan 8)

**CANADA** - 6070 kHz CFRX Toronto. at 0015 UT "100 rewards the 13 greatest hits presented live", 17 Dec.  
(Robert Wilkner-FL-USA, DXplorer via wwdxc BC-DX TopNews Dec 17)

**CHINA [non]** - CHINA vs JAPAN, PBS Xinjiang vs Radio Japan NHK World on 9560 on Jan 1:  
1400-1430 on 9560 URU 100 kW / non-dir to EAs Uighur PBS Xinjiang, B17 till 1200  
1400-1430 on 9560 TAC 100 kW / 163 deg to SAs English Radio Japan NHK World  
(Ivo Ivanov, SWLDX Bulgaria News, Dec 31-Jan 1, dxldyg via DXLD)

**CONGO [and non]** - 6115, Dec 27 at 0639, music from R. Nikkei 2, JAPAN, but BFO affirms there is a second carrier making a slight beat, which per Aoki/NDXC can be nothing else but Brazzaville, altho it's a bit late for that, after sunrise 0449. Manuel Méndez in Spain often reports only Congo around 0600, but we should check as early as nominal \*0500 for it, lessening CCI from Japan where that's only 14 local time. New WRTN 2018 shows 05-19 sked, but domestic service is on before 0500 and after 1900, just when English news starts. Everything is irregular and approximate. (gh, DXLD)

**CUBA** - RHC La Habana, Cuba, Spanish on Dec 15, 14-15 UT, noted in remote SDR at NJ state USA.  
11650.010 S=9+5dB in NJ-US state at 1428 UT on Dec 15.  
11760even S=9+10dB IS, nx Spanish at 1430 UT.  
11840even S=9+15dB.  
11950even smallband audio like ancient world war communication, S=8 in NJ-USA.  
15230 S=8 in peaks, backlobe signal.  
15370 S=9+20dB at 1440 UT.  
17580 S=9+25dB  
17730 S=9+15dB at 1445 UT.  
Nothing on spurs 12230 nor 17430 kHz.  
[selected SDR options, span 12.5 kHz RBW 15.3 Hertz]  
(wb df5sx, wwdxc BC-DX TopNews Dec 15)

5040, RHC with English Hour including music, talk re the UN resolution condemning the US for recognizing Jerusalem as Israel's capital, item re generating electricity in Cuba/ into Cuban music. News headlines at 0656 & s/off of English with dead air starting about 0658:30 to carrier off. WAY overmodulated/distorted! 45542, distortion dropping what should have been an "O4" down to 2! 0625-0659\* 23/Dec.  
(Kenneth Vito Zichi, Williamston MI, MARE Tipsheet 29 Dec via DXLD)

6060, Dec 27 at 0636, RHC on best-modulated of the 49m overkill channels, in 'DXers Unlimited' with Arnie talking about plans to activate 90mb transmitters in B-18 season. Yeah, sure. Due to mumbling and fades, was not able to copy details, did anyone? I think he gave times and frequencies both for English and Spanish.

6165, Dec 27 at 0935, S9+20 of dead air. Got to be RHC failing to turn off a sesquiour earlier. Something's always wrong at RHC.

15232, 15301, 15439, 15508, all approx., Dec 27 at 1435, RHC filthy dirty extremely distorted spurblobs out of 15370 Spanish transmitter.  
Something's always wrong at RHC ....

Weaker ones further out obscured by high local noise level of S8 on this band; from neighborhood Xmas lites? Should not be on in daytime anyway, but maybe dirty transformers keep running. This happens every year, and can only hope it abate into 2018y.

6000 & 6165, Dec 28 at 0305, RHC's only two English frequencies are both S9+20 but just barely modulated, virtually open carriers. Something's always wrong at RHC.

**[and non]** At 0720 UT Dec 30: 6000, Very LOW modulated RHC Quivican in English. Despite S=9+25dB strong signal. Totally under-modulated. Could understand only the English language, but not content of program. So switched over to tune-in on

6060, RHC from Bauta site, At 0622 UT heard interview on touring industry among Cuba, different political dialogue, result as cruiseliner to come more and more to Cuba now. S=9+15dB. Slight BUZZ QRM on lower sideband from Brazilian interference of 6059.834 BRAZIL, ZYE726, SRDA, "Super Radio Deus e Amor", Curitiba, PR

6100, Also slight low modulated at S=9+25dB signal into MI-US. And also some Cuban spur signal noise jammers around 6130 to 6139 kHz at S=7 strength, like against Marti at Greenville-NC on 6030 kHz.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz]

(Wolfgang Büschel, df5sx, wwdxc BC-DX TopNews Dec 30, dxldyg via DXLD)

6000, Dec 31 at 0706, RHC English is S9+40, suptorted but sufficiently readable, better than usual; while // 6100 & 6165 are also undermodulated but not distorted, while 6060 has completely different loud modulation. 5040 is already off for the final hour of the cycle. Aoki shows 6000 is Quivicán site, the others all Bauta. (gh, DXLD)

**EGYPT** - Good signal & modulation of Radio Cairo on Dec 24

2115-2245 on 9899.6 ABS 200 kW / 325 deg to WEu English

Good signal & modulation of Radio Cairo on Dec 29:

1900-2000 on 9570.0 ABS 200 kW / 325 deg to WEu German,

2000-2115 on 9899.6 ABS 200 kW / 325 deg to WEu French,

2115-2245 on 9899.6 ABS 200 kW / 325 deg to WEu English

(DX MIX NEWS # 1050)

**EQUATORIAL GUINEA** - 5005 R. Bata (pres.) Found in the wake of the power outage at 0536-0555 UT w/M speaking in Spanish, but audio very weak. Finally into Pop ballad at 0556 UT. Imposs. to ID due to the weak audio, WWV slop QRM, and static crashing QRN.

(Dave Valko-PA-USA, direct via wwdxc BC-DX TopNews Dec 13)

**ETHIOPIA** - 6090, Amhara State Radio, via Gedja ETH. Dec 11, with Anguilla off the air. Carrier already on at 0246 UT; start of the correct Amhara State Radio IS (not the Radio Oromiya IS nor the Radio Fana IS) at 0259 UT; weak. (Ron Howard-CA-USA, DXplorer via wwdxc BC-DX TopNews Dec 11)

5940 R. Deegaanka Soomaalida, Ethiopian Somali Regional State Radio from Jijiga SRS, at 1929-1938 UT Dec 11, fast tlk by Men w/ment of Eritrea (Air-Ah-Try) and occas. instru. mx bridges. Poss. ment of Hargeisa. Went into HoA ballad w/western style at 1938 UT. 1940 UT Male returned. 1947 UT brief deadair and Male anncr w/maybe ID. 1950 UT subcont. mx briefly, Male anncr, then song cont. 1957 UT great stringed mx, still going when the Algeria OC came on at 2000 UT, and could still hear the song when Algeria pgm started at 2001 UT. Best signal yet from this one. (Dave Valko-PA-USA, direct via wwdxc BC-DX TopNews Dec 11)

5940 kHz R. Deegaanka Soomaalida, Jijiga. Somali talks at 1915 UT, groovy Horn of Africa songs at 1920 UT. Generally, a fair signal with some deep fades at times. Monitored through until 2000 UT when a much stronger R. Algerienne signed on with its booming 500 kW via TDF Issoudun France relay. Nov 24.

The transmitter is listed as Jijiga in far-eastern Ethiopia near the border with Somalia. The Somali city of Hargeisa is about 140 km due east of Jijiga. There are nine ethnic divisions within Ethiopia, which accounts for the constant state of turmoil between the various ethnic communities over the decades. Jijiga sits in the region known as the Somali Regional State of Ethiopia and has been the capital of the region since 1994. The people here are predominantly of Somali heritage, nearly 97% speak Somali, and many seek to become a part of Somalia or gain some type of independence. (Rob VK3BVW Wagner-Vic-AUS, ARDXC "ADXN magazine" SW Trial Dec 2017)

**FRANCE - FRANCE (non)** - Radio Herwa International via TDF Issoudun on Dec. 28:

1930-2000 on 9580 F 100 kW / 170 deg to Waf Hausa/Kanuri, weak

// frequency 11530 FL 100 kW / 087 deg to WAF Hausa/Kanuri, poor  
(DX MIX NEWS # 1050)

**GERMANY** - Frequency change of The Mighty KBC Radio eff. from Dec 31:  
0000-0200 6150 N 125 kW 300 deg to ENAm English Su.  
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Dec 22)

3975 kHz, on Dec 11 at 2115 UT, 3975 kHz AM Shortwave R. from Winsen-Aller in Germany. Announcement at 2116 UT between songs, but a ham right on top. 2116 UT to at least 2131 UT long version of "Don't Let Me Be Misunderstood". A lot of ham QRM especially after 2130 UT. Clear though at 2133 UT with Dance song. 2134:10 UT M with mention of "shortwave" in UK accent. Heavy QSB and signal dropped down after 2130 UT. When I got back home, I checked one of the European web receivers and caught the very end of the closing announcement at 2200 UT and the M announcer was the same heard at 2116 and 2134 UT.  
(Dave Valko-PA-USA, SWB Dec 17 via dxld)

Reception of World of Radio via HLR 6190/CUSB, Dec. 30:  
0731-0800 on 6190 G0H 001 kW / 230 deg to CEu English Sa, fair  
(DX MIX NEWS # 1050)

*Reception in Southern Germany: regularly good. (we)*

Reception of DWD Deutscher Wetterdienst on Jan. 6:  
0600-0630 on 5905 PIN 010 kW / non-dir to CEu German, fair  
0600-0630 on 6180 PIN 010 kW / non-dir to CEu German, good  
(DX MIX NEWS # 1051)

**GUAM** - Good signal of KTWR Trans World Radio Asia on Dec. 30:  
1100-1125 on 9910 TWR 200 kW / 350 deg to EAs Japanese Sa  
1127-1157 on 9910 TWR 200 kW / 350 deg to EAs Jap/Eng Sa

Fair signal of KTWR Trans World Radio Asia on Dec. 30:  
1230-1300 on 11695\*TWR 100 kW / 290 deg to SAs English Sa  
Not new freq 12160 TWR 100 kW / 290 deg to SAs in B17 HFCC  
\* strong QRM 11690 XIA 500 kW / 292 deg to CAs English CRI  
(DX MIX NEWS # 1050)

**GUATEMALA** - 4054.98, R. Verdad. Usual vibraphone-like music with Spanish ID announcement by M at 0805, and into religious music. Guess they were staying on all night for Christmas. Fair signal at best with a lot of crackly static-like noise through the entire SW spectrum. 25 Dec.  
(Dave Valko, Perseus SDR, Wellbrook ALA1530S loop at home, Dunlo PA, HCDX via DXLD)

**GUINEA** - 9650, R. Guinée. Nice local Afro music 1853-1859, deadair, then canned ID at 1859:30. 1900 Afro music briefly, live M in French with ID, music bridge, then M with presumed news. Nice signal but wandering band of ruined it, 19 Dec. (Dave Valko, Perseus SDR, Wellbrook ALA1530S loop at home, Dunlo PA, HCDX via DXLD)

**INDIA** - Frequency change of All India Radio from Dec. 22:  
1615-1715 NF 11560 BGL 500 kW / 325 deg to EEu Russian, very strong, ex 15140\*  
not parallel 9595 DEL 250 kW / 312 deg to EEu not in Russian, other language  
\* co-ch QRM 15140 THU 100 kW / 315 deg to WEu Arabic Radio Sultanate of Oman  
(DX MIX NEWS # 1050)

*AIR Spectrum Manager: RR welcome! (we)*

4870.03 AIR Delhi. Surprised to find a signal here at 0217 UT. Audio right at threshold. 0221 UT M anncr briefly, checked on the web rx in Coimbatore India and hrd M anncr speaking also, and on the exact same freq. 0223 UT mx and what sounded like a W anncr. Right a threshold here. Very rare to hear this at this time and no other Indians noted oddly enough. (Dave Valko-PA-USA, direct via wwdxc BC-DX TopNews Dec 14)

4920, AIR Chennai 1228-1229 couple canned announcements. 1229 W in hyper-speed mentioning upcoming English news. Deadair, then English news by soft-spoken M announcer to 1235. ID by studio W announcer, then subcontinental music. Fair. 28 Dec.



5010, AIR Thiruvananthapuram. English news by soft-spoken M 1230-1235 could just barely tell it was // 4920 and 5040 28 Dec.

5040, AIR Jeypore. Similar strength to AIR Thiru., and just barely able to tell it was // 4920 with English news by M 1230-1235. 28 Dec.

(Dave Valko, Perseus SDR, Wellbrook ALA1530S loop at home, Dunlo PA, HCDX via DXLD) See also GOA

4970, AIR Shillong, on Dec 31, with the usual "Country Roads" C&W music show at 1237; Kenny Rogers with "Daytime Friends & Nighttime Lovers," etc.; unusual propagation, as the signal went downhill rather badly by 1313.

5040, AIR Jeypore, on Dec 31, heard the AIR IS at 1128, followed by program in Hindi and subcontinent music. (Ron Howard, Asilomar State Beach, CA, Etón E1, antenna: 100' long wire, dxldyg via DXLD)

7550, AIR at 2217 // 9445 with a woman reading reception reports and letters on "Faithfully Yours" mailbag program and into subcontinental vocals at 2221 - Fair Jan.

(Mark Coady, Selwyn, Ontario, Kenwood TS440S or Ten-Tec Argonaut II and 40 and 80 meter off centre-fed dipoles, ODXA iogroup via DXLD)

9940.066, AIR Kingsway on air before 0700 UT, ready for 07- 08 UT Nepali transmission, S=8 here in Europe. Empty carrier 0656 UT. Log of Dec 30 of 0630-0730 UT- in southern Germany location.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb, df5sx, wwdxc BC-DX TopNews Dec 30)

11828.5v, INDIA AIR (site??). Found again today at 1410 with audio, unlike yesterday. M talk in what sounded like Hindi. 1412-1419 subcontinental music. 1419:25 clear AIR ID by M and talk. Another ID by M at 1429:37. Discussion by at least 2 men from 1430 until the signal suddenly went off at 1433:05. Fair signal with some QRM from 11830 which was easily notched out. I don't see AIR listed on either 11825 or 11830. 30 Dec.

(Dave Valko, Perseus SDR, Wellbrook ALA1530S loop at home, Dunlo PA, HCDX via DXLD)

**INDONESIA** - 3325 kHz, RRI Palangkaraya back on SW again. Good news on Dec 12. Checking at 1128 UT, found frequency clear (also no NBC Bougainville, which has recently been silent); pleasantly surprised at 1216 UT to hear the Jakarta news relay in Bahasa Indonesia, during which they also ran a promo; longer than normal news segment; 1238-1239 UT ending the news relay with the usual patriotic song "Bagimu Negeri" (For You Our Country), followed by RRI jingle; poor.

Nice to have them back again! Several days ago I emailed the station that I missed hearing them on SW and hoped they would return again shortly. Today will write a follow up, thanking them for broadcasting again via SW.

(Ron Howard-CA-USA, via wwdxc BC-DX TopNews Dec 12)

**IRAN** - PARS TODAY VIRI IRIB on jumping frequency on Dec.10:

1730-0230 on 6060-6061 ZAH 500 kW / 289 deg to EAF Arabic

Full B17 schedule of PARS TODAY VIRI IRIB via tx Zahedan is

0230-0530 7380 ZAH 500 kW 289 deg to NEAF Arabic

0530-1430 13820 ZAH 500 kW 289 deg to NEAF Arabic, even

1430-1730 7310 ZAH 500 kW 289 deg to NEAF Arabic, even

1730-0230 6060 ZAH 500 kW 289 deg to NEAF Arabic

(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Dec 11)

**KOREA (South)** - Frequency change of BRB Living Water Ministry Broadcasting, Jan. 2-3:

1500-1600 NF 7280 PUG 250 kW / 000 deg to NEAs Korean Tue-Thu, ex 9650 till Dec.28 (DX MIX NEWS # 1051)

On Jan 4, from 1307 to 1312 UT, there was no jamming at all of the various South Korea stations (5995, 6015, 6135, kHz etc.), but started up again at \*1312 UT. (Ron Howard-CA-USA, wwdxc BC-DX TopNews Jan 4)

1143 KOR Radio Free Korea, 100 kW, S=9+15dB newscast 0700-0704 UT, noted more radio programs 0700-0730 UT on Seoul remote SDR:

1134 KOR adjacent channel HLKC vocal group performance S=9+25dB at 0706 UT.

2850even KRE KCBS, light mx program, women chorus, S=9+20dB, 0707 UT and between some Korean spurious on 3040, 3050, 3120,

3219.925 KRE KCBS Pyongyang, S=9+10dB, 0708 UT

# 10

3249.995 KRE Pyongyang BS, S=8-9, 0709 UT, and // on  
3319.996 KRE Pyongyang BS, S=8-9, 0710 UT  
3480even KOR Voice of the People, Kyonggi-do Koyang, S=9+35dB, 0711 UT and heavy KRE jamming, different audio, bubble ditter, scratching plus spurious 3531 kHz.  
3909.965 KOR Voice of the People, Kyonggi-do Koyang, S=9+35dB, 0712 UT and heavy KRE jamming like 3480 kHz.  
3929.992 KOR Voice of the People, Kyonggi-do Koyang, S=9+35dB, 0714 UT light music singer group, and underneath poor KRE jamming.  
3985.013 KOR Voice of the People, Hwaseong site, S=9+35dB + KRE jamming  
4450even KOR Voice of the People, Kyonggi-do Koyang, S=9+35dB, 0717 UT and KRE jamming on 4449.940 kHz.  
4557.024 KRE Pyongyang BS probably, empty carrier, not modulated, S=9+5dB at 0718 UT.  
4885.005 KOR Echo of Hope, Seoul, music program, not jammed, S=9+30dB  
5830 KRE North Korean jamming in parking position, probably from Kujang site, no carrier to state, S=9+20dB at 0723 UT, 20 kHz wideband.  
5857.508 KOR HLL8 Seoul Meteo, S=9+10dB, 0725 UT.  
5995.031 KOR Echo of Hope, Hwaseong site, talk px, S=9+40dB, 0727 UT powerful 20 kHz wideband block.  
6045.010 KOR Echo of Hope, Hwaseong site, S=9+10dB, 0730 UT compare Japanese R Nikkei  
6055 kHz also S=9+10dB.  
6100even KRE KCBS Pyongyang, S=9+5dB, not as strong as expected 0734 UT  
6135even KRE North Korean jamming in parking position, probably from Kujang site, no carrier to state, S=9+25dB at 0735 UT, 20 kHz wideband.  
6250even KOR Echo of Hope, Seoul site, S=9+30dB, 0748 UT, KRE jamming  
6350even KOR Echo of Hope, Hwaseong, S=9+30dB, 0749 UT, KRE jamming  
6400.006 KRE Pyongyang BS, Kanggye, smooth female voice singer, light mx S=9+5dB 0751 UT.  
6418 JPN slot machine QPS Japan, S=9 at 0752 UT.  
6446 JPN slot machine QPS Japan, S=9 at 0754 UT.  
6519.973 KOR Voice of the People, Kyonggi-do Koyang, S=9+45dB, 0756 UT POWERHOUSE signal. KRE jamming.  
6600even KOR Voice of the People, Kyonggi-do Koyang, S=9+45dB, 0758 UT POWERHOUSE signal. KRE jamming.  
[selected SDR options, span 12.5 kHz RBW 15.3 Hertz]  
(wb df5sx, wwdxc BC-DX TopNews Jan 6)

**KOREA NORTH [non]** - Extended broadcast of Radio Free North Korea via BaBcock Tashkent, Dec 29:  
1100-1300 on 9345 TAC 100 kW / 076 deg to NEAs Korean, fair/good signal, ex 1200-1300  
(Ivo Ivanov, SWLDX Bulgaria News, December 28-29, dxldyg via DXLD)

**KUWAIT / CHINA** - 9450even Heavy CNR1 jamming of 20 kHz wideband signal against RFA Uyghur Kuwait underneath, 0118 UT Jan 6. S=9+30dB powerful. !! but much different cold war fight, - on !!  
9700even KWT RFA Uyghur is ahead of CHN jamming with S=9+30dB signal at 0122 UT on Jan 6.  
(wb df5sx, wwdxc BC-DX TopNews Jan 6)

**MADAGASCAR** - WCB Madagascar World Voice African Pathways Radio, Dec 30:  
1800-1900 17640 MWV 100 kW 310 deg to WAF English tx#2, good/weak

WCB Madagascar World Voice Radio Feda, Dec 30:  
1900-2000 11945 MWV 100 kW 355 deg to NE/ME Arabic tx#1, good  
2000-2100 11945 MWV 100 kW 355 deg to NE/ME Arabic tx#1, good  
2200-2300 11790 MWV 100 kW 325 deg to NAF Arabic tx#1, good

WCB Madagascar World Voice The Light of Life, Dec 30:  
2100-2200 11610 MWV 100 kW 325 deg to WeEUR Chinese tx#1, good  
2200-2300 9490 MWV 100 kW 55 deg to EAs Chinese tx#2, good  
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Dec 31)

**MEXICO** - 6185.015 XEPPM Radio Educacion, Mexico D.F. romantic mx heard 'cantante nacional de canciones ...' at 0350 UT on Dec 11.  
[selected SDR options, span 12.5 kHz RBW 15.3 Hertz]

(wb df5sx, wwdxc BC-DX TopNews Dec 11)

**MONGOLIA** - Frequency change of Voice of Mongolia effective Nov 20:

0900-0930 NF12084.9 U-B 250 kW 178 deg to SEAs English, ex 12034.9  
 0930-1000 NF12084.9 U-B 250 kW 116 deg to EAs Mongolian, ex 12034.9  
 1000-1030 NF12084.9 U-B 250 kW 116 deg to EAs Chinese, ex 12034.9  
 1030-1100 NF12084.9 U-B 250 kW 116 deg to EAs Japanese, ex 12034.9  
 (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Dec 5)

On Dec 14 at 10.00 UT Chinese lang service noted with tiny backlobe signal on 12084.877 kHz odd frequency, here in southern Germany.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz]

(wb df5sx, wwdxc BC-DX TopNews Dec 14)

**MYANMAR** - 5985 Myanmar Radio Yangon, at 1231-1238 UT on Wednesday Jan 3:

Language lesson "Say It In English"; "How do I pronounce this word?" "How do I say that?"; more dialog with Tom and his aunt Jennifer; not as readable as usual. Repeat of Monday's show.

Wednesday's (Jan 3) VOA program "The Benefits of Baby Talk," at 1542 UT; was a repeat of last Wednesday's show.

5985 kHz, on Thursday Jan 4, with NHK's production of "Friends Around the World," being a repeat of their Sept 24 show, with interview of storyteller John Kilaka.

(Ron Howard-CA-USA, wwdxc BC-DX TopNews Jan 4)

Log of remote SDR unit in eastern Thai-Cambodian border area:

Tonight poor signals from Myanmar on short skip zone in eastern Thailand:

5914.988 MMR Myanmar Radio Nay Pyi Taw, S=6 at 0010 UT.

5984.998 MMR Myanmar Radio Yangon, Burmese, S=8-9, hit heavy by 5980even RRI Bucharest Galbeni in Spanish, broadband 9.6 kHz wide, phone-in smaller 7.4 kHz wide signal modulation. S=9+30dB power.

6029.999 MMW Thazin program tentat. same level at 0033 UT.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz]

(wb df5sx, wwdxc BC-DX TopNews Jan 6)

**MYANMAR [and non]** - Reception of Myanmar Radio in English on Dec 29:

1530-1700 on 5985 YAN 025 kW / 176 deg to SEAs English, fair signal

\* co-ch same 5985 BEI 500 kW / 257 deg to CEAF Swahili CRI from 1600.

(Ivo Ivanov, SWLDXBulgaria News, December 28-29, dxldyg via DXLD)

**NEW ZEALAND** - RNZI Rangitangi, changes of Dec 1st, 9th and 18th:

0000-0458	15720	Pacific	Daily
0459-0758	13730	Pacific	Daily from 1 December 2017
0759-1058	9765	Pacific	Daily
1059-1258	11610	Solomon Isl, PNG	Daily
1259-1650	7390	Pacific, PNG	Daily from 18 December 2017
1651-1750	7285	DRM Cook Islands, Samoa, Tonga	Su-Fr
1651-1758	7430	Pacific	Sa, from 9 December 2017
1751-1850	9780	DRM Cook Islands, Samoa, Tonga	Su-Fr
1759-1958	11725	Pacific	Sat
1851-1950	11690	DRM Cook Islands, Samoa, Tonga	Su-Fr
1951-2050	13840	DRM Pacific	Su-Fr
1959-2058	13840	Pacific	Sa
2051-2400	15720	Pacific	Daily.

(Dec 18)

11610.008 kHz - now at 1145 UT S=9 or -69dBm signal here in Southern Germany.

Newscast phone-in from Samoa, and NZ companies involved ...

(wb df5sx, wwdxc BC-DX TopNews Dec 18)

**PALAU** - Weekend transmission of WHRI T8WH Angel 3 was back on air, Dec. 31:

1000-1300 on 9930 HBN 100 kW / 318 deg to EAs English Sa/Su, very good

Weekend transmission of WHRI T8WH Angel 5 was back on air, Dec. 31:

1300-1430 on 9965 HBN 100 kW / 345 deg to NEAs English Sa/Su, good/fair  
(DX MIX NEWS # 1051)

**PHILIPPINES** - 12095, FEBC. Diciembre 20. 2302-2325 UT. Via Bocaue.  
Música, luego desde las 2304 un hombre habla en idioma Hmong. SINPO: 45444.

12095, FEBC. Diciembre 23. 2303- 2330 UT. Via Bocaue. Espacio de música navideña. Luego habla una mujer y luego un hombre en idioma Hmong hasta las 2315. Luego un espacio de música. A las 2320 vuelve a hablar un hombre. Luego espacio musical y a las 2327, música de navidad y salida del aire a las 2330. SINPO: 45444.  
(Claudio Galaz; RX: TECSUN PL-660; ANT: Dipolo; QTH: Ovalle, IV Región, Chile, Dec 25, condiglista yg via DXLD)

9795, FEBC. 2309-2314 English language lesson in the Mon language program hosted by M and W announcers. Of course scriptures were used. And some words were spelled out such as "think" and "spoke". Fair signal. 21 Dec. (Dave Valko, Perseus SDR, BOGs of 315 feet, micro-DXpedition near Dunlo PA, HCDX via DXLD)

17700, R. Pilipinas, 0206, Dec 27; "From the presidential palace Manila, Dateline Malacañang," info about Mindanao survey regarding satisfaction with President Duterte; this frequency much better than // 15640 or 17820.

17700, R. Pilipinas, on Jan 1, with well above average reception; very readable; 0203 montage of recordings of past presidents; 0212 - show "It's more fun in the Philippines" (tourist program); 0318 year end review of highlights from the "Dateline Malacañang" programs; special year end PBS news review (president's "War on drugs"); 0328 closing ID with the correct frequencies given; National Anthem; 0329\*; this frequency much better than // 15640 or 17820.  
(Ron Howard, Asilomar State Beach, CA, Etón E1, antenna: 100' long wire, dxldyg via WOR 1911, DXLD)

**ROMANIA** - 6130, R. Romania Int. 12/26, 0130-0150 in English, music feature of 4 songs. For about the first 6 minutes, SINFO steady 43233; DX Mailbox, then the segment People and Places. Gradual decline of reception until end of program; final SINFO 21131

Also: 12/30, 0100-0145, in English; analog SINFO 31132 for first 15 minutes before change over to Aud.N. to check out RRI Encyclopedia, which featured a history of the first automobiles used in the Romanian provinces, circa 1895-1920. Very interesting. Recheck analog at 0130, no change. All That Jazz featured holiday standards. One last check on the radio shows only slight improvement.  
(Ronald Sives, South Plainfield, NJ, ETON field radio and 66 ft. random wire, NASWA Flashsheet via DXLD)

7340. Dec 31, 2017 at 0212-0220, Radio Romania International, Tsiganeshti, in Romanian. Classical Music program and man announcer says Maramures Concert in program "Romania Musical". RRI has a good signal and modulation at this frequency, 45444 (José Ronaldo Xavier, Cabedelo-PB, Brazil, Sony 7600GR, Longwire, Hard-Core-DX mailing list via DXLD)

15430, RRI at 1143 // 15255 in French with soft piano instrumentals and a woman with ID at 1145 and into a feature - Fair to Good with some fading Dec 31 - Romania and Spain always seem to propagate to my QTH through thick and thin regardless of band conditions.  
(Mark Coady, Selwyn, Ontario, Kenwood TS440S or Ten-Tec Argonaut II and 40 and 80 meter off centre-fed dipoles, ODXA iogroup via DXLD)

**RUSSIA** - 6000, Adygeyan R. (presumed) Had the signal here from [sic] but not strong enough for audio. Plus there was a band of local noise between 5999-6010. Went off at 1859:35. Had it fairly well on a web receiver in the Ukraine too. 25 Dec (Dave Valko, Perseus SDR, Wellbrook ALA1530S loop at home, Dunlo PA, HCDX via DXLD)

Reception of Radiocompany Adygeya/Adygeyan Radio, Dec 29:  
1800-1900 on 6000 ARM 100 kW / 188 deg to CeAs Adygeyan Fr, good  
(Ivo Ivanov, SWLDXBulgaria News, December 28-29, dxldyg via DXLD)

**SINGAPORE** - 11825 NHK R. Japan Tokyo via Kranji relay. Signal on right at 1100 UT and start of xmsn w/EG opening ID anmnt by M. 1101 UT nx in headlines and detail by M and W. Poor.  
(Dave Valko-PA-USA, direct via wwdxc BC-DX TopNews Dec 14)

**SINGAPORE / TAJIKISTAN / UZBEKISTAN** - Frequency change of BBC Korean Sce from Dec 9  
1530-1830 NF7395\*SNG 250 kW 25 deg to NoEAs, ex 9940 Tinang-PHL // freqs 5895 DB-TJK 250 kW 72 deg & 7530 TAC 100 kW 68 deg

\* co-ch CRI English/Hindi 1530-1700 UT and German 1800-1830 UT  
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Dec 11)

**SPAIN** - 11685 kHz ESP Surprise, surprise, all FOUR REE transmitters on air tonight from Noblejas, S=9+10dB at 2119 UT, 12 kHz wideband broad signal, // 9690 kHz S=7-8, 15390 kHz - 14 kHz wideband S=9+15dB, 15500 kHz S=9+10dB, all 10/12/14 kHz wideband broad. All transmissions with excellent audio, seemingly the faulty REE unit has been repaired now. (wb df5sx, wwdxc BC-DX TopNews Dec 26)

**SRI LANKA** - Reception of Sri Lanka Broadcasting Corporation SLBC on Jan. 4:  
1115-1215 on 9720 TRM 125 kW / 345 deg to SAs Hin/Mal/Hin/Tam, fair/good  
from 1200 on 9720 XIA 500 kW / 145 deg to SEAs Filipino CRI co-channel

Good signal of Sri Lanka Broadcasting Corporation, Jan. 05:  
1630-1730 on 11750 TRM 125 kW / 345 deg to N/ME Sinhala City FM Daily  
1730-1830 on 11750 TRM 125 kW / 345 deg to N/ME Sinhala City FM Sa/Su  
(DX MIX NEWS # 1051)

See also *English 1530-* . (we)

**TANZANIA {ZANZIBAR Isl}** - 11735 kHz Zanzibar Broadcasting Corporation - at Dole site, at 2047-2100\* UT on Dec 16. Nice music program hosted by a man announcer with Swahili talks. Off without any fanfare. Poor to fair signal. (Rich D'Angelo-PA-USA, DXplorer Dec 17)

**UNITED KINGDOM (non)** - BBC in 16 mb via Ascension/Meyerton/Woofferton, Jan. 3:  
1200-1230 on 17640 ASC 250 kW / 027 deg to Waf French, very good  
1200-1230 on 17780 RSA 250 kW / 342 deg to Caf French, weak/fair  
1200-1230 on 17830 Wof 250 kW / 170 deg to Naf French, powerful  
(DX MIX NEWS # 1051)

**U.S.A.** - Cancelled frequencies of Brother STAIR via US private stations:  
WRMI: 5850, 7570, 7730, 7780, 9395, 9455, 9955, 11530, 11580 and 11825  
WHRI: 5920, 6040, 7315, 7355, 9840, 15710 and 21610 kHz.  
Old recordings of Brother STAIR TOM from the end of 80 years, continue to be broadcast via WWCN, WBCQ, WWRB & via SPL Bulgaria.

Statement on the Overcomer web site <<http://overcomerministry.org/>>:  
"Attention Overcomer Listeners: Due to legal difficulties, as of January 1st, 2018, the Overcomer Ministry will not be broadcasting on AM/FM radio and Shortwave. The Overcomer Broadcast will continue on satellite and on this website stream."

"Legal difficulties" are not specified, it might be that broadcast contracts after 31st December had not been arranged prior to the arrest and detention of Brother Stair on 18 December. He had been appealing for donations in order to continue broadcasting after the end of December only a few weeks ago.

... Stair remains in jail on eight criminal charges, including three counts of first-degree criminal sexual conduct, after multiple parishioners - girls and women - said he had sexually assaulted them in incidents dating back to 1992. The allegations bear similarities to charges leveled against Stair in 2002, when he was arrested on two counts of second-degree criminal sexual conduct and later pleaded guilty to two misdemeanor counts of assault and battery. ... (several sources US and GB)

5970 new EWTN WEWN Vandiver-AL state, Spanish powerhouse, S=9+45dB powerful strength observed in Alberta-CAN. Scheduled 0000-1500 UT, 0335 UT at 10 kHz wideband signal, phone in by Spanish language listener.

7504.989 WRNO from New Orleans LA state, but in MANDARIN Chinese language endless sermon, at 03-05 UT?, heard at 0343 and at 0433 UT on Dec 11.  
S=7 or -83dBm fair signal also here in Germany, Belgium and Liverpool England SDR units.  
[selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df5sx, wwdxc BC-DX TopNews Dec 11)

#### *WBCQ Radio Replacement Transmitter*

Free speech radio WBCQ international shortwave suffered a fire in its main transmitter building on December 10th. The building was saved but our main 50 kilowatt transmitter completely burned up inside and is a total loss. We are dedicated to the cause of free speech radio and have been for 19 years. There was no insurance and we have limited

funds. We need to replace this transmitter to insure there is at least one free radio station broadcasting programs of individuals wishing to express their free speech rights to the world.

At least \$20000 is required to buy a used transmitter and have it shipped to the radio station in Maine. We are on a reduced power backup transmitter and need to return to full 50 kW power as soon as possible.

Thank You.

Link for donations for replacement transmitter: <<https://www.gofundme.com/wbcq-radio-replacement-transmitter>> (Allan Weiner, WBCQ, Monticello ME-USA, via Alan Pennington-UK in BrDXC-UK ng / DXplorer on Dec 16)

World International Broadcasters Inc. [WINB] requests authority for construction permit to build an International Broadcast Station located in Windsor Twp., PA. Page 1 of 1 (via dxld).

That explains the extra schedule WINB already registered with HFCC for B-17, which I pointed out a sesquimonth ago. HFCC of Nov 30 shows the full schedule, and 9265 kHz beyond its previous limited hours, may also be partially on the new transmitter. Language for all as English/Spanish, dates for entire B-17 season, obviously an exaggeration. Other items are kW power, azimuth, slew (none), antenna type, and days of week Su-Sa:

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7315 0700 1000 27,37,38 50 62 0 902 .23456.
9265 0600 1100 37,38 50 62 0 902 1234567
9265 0700 1000 27,37,38 50 62 0 902 1.....7
9265 1000 0700 10,11 50 242 0 902 1.....7
9265 1000 1200 27,37,38 50 62 0 902 .23456.
9265 1100 0600 10,11 50 242 0 902 1234567
9265 1700 0700 10,11 50 242 0 902 .23456.
15670 1200 1700 27,37,38 50 62 0 902 .23456.

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Present operations believed to be on 242 degrees only; 62 degr is merely the reverse direxion toward Europe. It would seem they don't have enough business to fill one transmitter. It's very old and seems in rather poor condition, so the idea may be merely to replace it. (gh, hcdx and dxld Dec 14)

WMLK, PA, USA have ordered new 300 kilowatt shortwave transmitter to replace one destroyed when transmitter caught fire in Spring 2017. Press release below says target on-air date is October 2018.

WMLK Radio...Ampegon's press release on the construction of the new transmitter being built for WMLK!  
<<http://ampegon.com/news/?id=91>>

A new transmitter building is already being constructed, re updates on the WMLK Facebook page. (WMLK Radio Facebook, via Alan Pennington-UK, BrDXC-UK yg dxld 20 Dec)

WRMI schedule from Jan 8:

WRMI-1, Okeechobee

1300-0300 7780 YFR 100 kW 044 deg to WEu English, various languages, also R Slovakia Internat, R Ukraine, Radio Prague, RAE French.

WRMI-2, Okeechobee

0230-0600 5985 YFR 100 kW 222 deg to MEX English / Spanish also R Taiwan Internat, NHK R Japan Spanish.

WRMI-3, Okeechobee

0000-0100 11530 YFR 100 kW 160 deg to CAm Spanish Daily Radio Taiwan Int  
0100-0200 11530 YFR 100 kW 160 deg to CAm Spanish Daily Family Radio

WRMI-4, Okeechobee

2200-0500 9955 YFR 100 kW 160 deg to SAm English/Spanish  
1100-1500 9955 YFR 100 kW 160 deg to SAm English/Spanish

WRMI-5, Okeechobee

0000-2400 9455 YFR 100 kW 285 deg to WNAmerican English/Spanish/Ch/Ru, also R Taiwan Internat, RAE Japanese, R Slovakia Internat, RAE Chinese, RAE Portuguese.

WRMI-6, Okeechobee

0000-0100 9395 YFR 100 kW 355 deg to ENAm English/Spanish also RAE German, RAE Italian, RAE Spanish, RAE Portuguese, R Prague, R Slovakia Internat.



WRMI-7, Okeechobee  
1400-2100 21525 YFR 100 kW 087 deg to NCAf En Daily R Africa Network

WRMI-8, Okeechobee  
1300-2400 11825 YFR 100 kW 355 deg to ENAm English, is off totally !

WRMI-9, Okeechobee  
1300-0300 11580 YFR 100 kW 044 deg to WEu En/Sp, is off totally !

WRMI-10, Okeechobee  
0700-0730 11530 YFR 100 kW 087 deg to WAF Hau/Kan Daily Radio Herwa Int  
1930-2000 11530 YFR 100 kW 087 deg to WAF Hau/Kan Daily Radio Herwa Int

WRMI-11, Okeechobee  
2300-1400 7570 YFR 100 kW 315 deg to WNAf English, is off totally !

WRMI-12, Okeechobee  
0700-0900 5850 YFR 100 kW 315 deg to WNAf En Sun/Mon Various WRMI pxs  
2230-0200 5850 YFR 100 kW 315 deg to WNAf En/Sp Daily  
also R Slovakia Internat, Radio Tirana, Radio Prague

WRMI-13, Okeechobee  
0000-0100 7730 YFR 100 kW 285 deg to MEX En Fr/Su/Mo Various WRMI pxs  
0700-0900 7730 YFR 100 kW 285 deg to MEX En Su/Mo Various WRMI pxs

WRMI-14, Okeechobee  
1100-1130 5950 YFR 100 kW 181 deg to Cuba Spanish Daily AWR Cuba  
1130-1230 5950 YFR 100 kW 181 deg to Cuba Spanish Daily Radio Praga  
2200-0200 5950 YFR 100 kW 181 deg to Cuba Spanish  
also AWR Cuba, R Slovakia Internat, RAE Spanish, Family Radio Spanish.

(wb)

>> *subject to changes within short*

As of last week, the WRMI skedgrid showed German & Italian both on this new schedule, and on old schedule two hours later on 11580 kHz, the latter now removed. So not \*everything\* on 11580 kHz has been moved to 7780 kHz, as originally publicized. This leaves 7780 kHz free to continue with 'The Power Hour' (I think) at 21-23 UT. The azimuths of 9395 and 9455 kHz are not exactly ideal for targets beyond NoAM: 9395 kHz at 355 degrees, not toward Europe; and 9455 kHz at 285 degrees, not toward Asia. At least on the first Monday of the new schedule, Japanese did \*not\* appear at 08-09 UT on 9455 kHz, rather Oldies // 9395 kHz. Suspect that and Chinese are really Tue-Sat. 9395, Mon Jan 8 at 1900 UT, guess what - no RAE in German either, but music and songs in unknown language, presumably World Music filler. (wb)

### **U.S.A. [non] - R Farda updated schedule:**

MW 1575 Al Dhabbiya UAE, 24hrs

5860 kHz Lam 0000-0300, KWT 0300-0400 1730-2400, TH-Udorn 1530-1730

7585 kHz TH-Udorn 0230-0400, KWT 0400-0830

9990 kHz KWT 0830-1330, TH-Udorn 1330-1430, BIB 1430-1500

11695 kHz Lam 1430?/1500-1630?/1700

12005 kHz Biblis 0630-1800

13765 kHz TH-Udorn 0400-0530, Lam 0530-1530

15690 kHz Biblis 0430-1530

(wb df5sx, wwdxc BC-DX TopNews Jan 5)

*... as to protests in Iran prolonged sked. (we)*

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### **Background: ZAMBIA**

Zambia again on 5915 kHz: ... if I am right, ZNBC Lusaka Zambia has not been on air regularly since March 2017. Ray Robinson reports first-hand about the Main Power problems in the country. He is working for KVOH USA and also care of the VoH transmitters in Zambia, 36 km west of Lusaka, from the Makeni Ranch transmitter site:  
G.C. 15 32 17.43 S 28 00 04.87 E. (wb)

wb received the following personal message from Ray Robinson:

"I have seen a few messages lately, regarding the non-appearance of ZNBC-1 on 5915 kHz in their early mornings. You may be aware of the rolling power outages called 'load shedding' the electricity utility in Zambia, ZESCO, continues to impose daily throughout the country. The outages are at different times in different areas, but at the Voice of Hope transmitter site, the outages have been effect from 6-10 am local (0400-0800 UT) since September {2016}.

"The ZNBC shortwave site is only a few miles from ours, and it would be logical they are on the same outage schedule. I know from when our staff visited their site a few months ago to buy some distilled water for our transmitter cooling systems before our own still was up and running, that ZNBC's genset is not currently operational, and I don't believe they have the budget either to repair it, or to buy diesel for it, if it was repaired and functional.

"My guess is they have decided it is not really worth the effort to broadcast for the hour or so from 0245 UTC until whenever the power goes out. (This is just my speculation.) They do use 5915 kHz later in the day after the much cheaper hydro power returns, but of course by then, the propagation conditions do not favor inter-continental reception.

"As for Voice of Hope - Africa, we had expected the load shedding to end by December {2016}(two months into the Zambian rainy season), but alas the outages are continuing, with no sign of any change soon. Our own weekday morning broadcasts on 9680 and 11680 kHz have been entirely powered from our genset since September{2016}. This is expensive, and unsustainable.

"We have therefore decided to make a schedule change from next Monday. Instead of broadcasting weekday mornings from 0500 to 0800 UT, we will switch to weekday evenings from 1700 to 2200 UT, extending the duration of the broadcast from three hours to five. The last two hours will be 'Night Light' presented by Stephen Mdoma, reprising a program he used to present late nights years ago when the station was known as Christian Voice.

"We will be using the frequencies 4965 kHz (omni) and 6065 kHz (to West Africa), which may also afford better opportunities for reception in ECNA after local dusk. The program schedule on our website will be updated this weekend. We plan to re-launch the morning broadcasts once the load shedding ends. I thought you might like to know.  
{...}

"Ray Robinson, Vice President, Global Operations,  
Strategic Communications Group - Voice of Hope, Los Angeles and Lusaka"  
(Ray Robinson, Christian Voice/Vision, dxld Jan 25, 2017)

ZAMBIA - Last time I was in Lusaka, I got chatting over breakfast to a contractor who was staying at my hotel. He was an American who worked for a power utility in the U.S., and had been seconded to ZESCO under some sort of international agreement. He said the lack of maintenance throughout the ZESCO network was criminal, not just at the Kariba dam. At our transmission site, we have a three phase supply which is constantly out of balance. Our voltage regulator works overtime! The contractor said ZESCO should have their own voltage regulators every few miles throughout their network, so they can guarantee the voltage delivered to each customer. Otherwise, the voltages on the power lines get less and less with distance and after each customer connection.

The reality - there isn't a single voltage regulator anywhere in the country, in the public power grid. And the general mentality is, let's wait until something fails completely, then we'll fix it (maybe).

The turbines at Kariba have been poorly maintained since independence in 1964, {!!!} and several of the concrete spillways are badly cracked and in danger of breaking apart. And, the rates charged for the electricity are incredibly low (about 1/10th of what we pay in California), so the utility can never really build up any capital to be able to address the problems, even if it had a mind to do so. It's a sad situation, and even though the rains have been much better this year, I don't see anything changing with regard to the load shedding anytime soon.  
(Ray Robinson, Christian Voice/Vision, dxld Jan 25, 2017)

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**Editor's info desk was closed for this edition on January 13th, 2018, at 12:00 hours UTC.**

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

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**Sources & Contributors:**

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

**Alokesh Gupta** - New Delhi - India.

**BCDX (wb)** - News Bulletin by Wolfgang W. Bueschel - Stuttgart - Germany.

**CONEXION** - CONEXION Digital - Buenos Aires - Argentina.

**DXLD (gh)** - 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:

Al = Aligarh/India, ALB = Albania, Ban = Bangalore, Be = Beijing /China, Bib = Biblis /DL, BOT = Botswana, CHN = China, CLN-TRM = Sri Lanka Trincomalee, Du = Dushanbe /TJK, ERV = Erivan /Armenia, F = Issoudun /France, Fl = 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, MDA = Moldavia, MDG = Madagascar, MNG = Mongolia, MRA = Northern Marianas, N = Nauen /DL, Nn = Nanning/CHN, OM = Oman, Pan = Panaji /India, RSA = Meyerton /South Africa, RUS = Russia incl. Sibiria, SAI = Saipan (MRA), SNG = Singapur, STP = Sao Tomé, SWZ = Swaziland, SZG = Shijazhuang /CHN, 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, YAK = Yakul, Afghanistan.

Mostly within round brackets target areas as known:

Af = Africa, Am = America, As = Asien, Aus = Australien; Eu = Europe, FE = Far East, ME = Middle East, OC / 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, Spa Spanish - Turk Turkish - VN Vernacular

Technical hint with frequency (QRG):

(\*) = Digital Radio broadcast (DRM)            v = variable            irr = irregular  
/USB = upper sideband, /LSB = lower sideband, alt.: (QRG) = alternative frequency

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**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

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## VISIT TO WOOFFERTON SITE

Some 20 BDXC members gathered at the gates of the Woofferton Transmitting Station at 11 am on Friday 13th October for our much anticipated tour. Once inside the perimeter fence, we were met by BDXC members and former Senior Transmitter Engineers at the site, Dave Porter and Glyn Jones, who were to be our guides for the visit.

The Woofferton station, now the UK's only active shortwave broadcast site, covers some 320 acres of farmland on the Shropshire / Herefordshire border, a few miles south of Ludlow. The building itself, and many of the aerial arrays, are in Herefordshire with the northern and eastern part of site being in Shropshire, a stream across the aerial field marking the county boundary.



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From the outside, the buildings were certainly not as distinguished as the architecture of sites such as say Rampisham, built in the late 1930s, which some of us had visited.

The land was acquired by the BBC in WW2 and opened in 1943. Originally it was known as Overseas Station Extension No 10 (OSE-10), before being renamed Woofferton Transmitting station around 1960. The site briefly closed in 1948 due to BBC financial constraints but the Soviet blockade of Berlin resulted in it being reactivated - from 1948 until the late 1990s it served as a VOA relay station broadcasting mainly to Eastern Europe, although it continued to be operated by the BBC. Its early on-air ID was "The Voice of America Relay Station in the United Kingdom".

Some BBC broadcasts were carried from Woofferton from 1990 (after the Daventry site closed), and in 1999, when the VOA lease agreement ended, the privatised Merlin Communications company took full control of the output from the station. As well as BBC World Service broadcasts, the company then brokered the facility to various other international broadcasters.

Right: Marconi transmitter with Thomson modulator valve.

Woofferton was initially installed with 6 x 50 kW RCA transmitters in WW2, supplied from the USA under the Lend-Lease scheme {1943 wb.}.

In 1963 the station was reequipped with 6 x 250 kW Marconi BD272 transmitters (while 4 of the original RCAs were retired). Two of the BD272s are still in use. In 1979-1980 the last two remaining RCA transmitters from the 1940s were removed and replaced with 4 x 300 kW Marconi BD6124 senders, all four of which are still in use today.

Between 2005 and 2008 four of the early 1960s Marconi BD272 transmitters were replaced by Croatian RIZ 250 kW transmitters installed within fireproof cells. All these are DRM-capable.

The current active transmitter line-up Woofferton is:

SW 2 x Marconi BD272 250 kW - installed in 1963 (Senders 93, 95)

SW 4 x Marconi BD6124 300 kW - installed 1981 (Senders 81, 82, 83, 84)

SW 4 x RIZ 250 kW - installed in 2005-2008 (Senders 91, 92, 94, 96)

MW 1584 kHz (300W) - BBC Hereford and Worcester: installed in 1985

FM 105.9 MHz (1 kW) - Sunshine Radio: installed in 2013.

In 1997 BBC Transmission was privatised, the domestic transmitters went to Crown Castle (now Arqiva) while the external service UK transmitter facilities, including Woofferton, were transferred in a management buyout to Merlin Communications. Merlin was later acquired by VT Communications which itself was acquired by the defence company Babcock in 2010.

Nowadays Woofferton carries shortwave broadcasts from BBC World Service along with a wide variety of other stations

including VOA, Radio Sawa, IBRA Radio, RFE (Radio Azadi), NHK Radio Japan, KBS World Radio, Radio Taiwan International and HCJB Reach Beyond (Radio Akbar Mufriha).

At the time of our visit the station was temporarily covering for transmissions from D/Cubaayya (UAE) due to an outage there. Additional transmissions had been slotted into the schedule from BBC, DW, IBRA, TWR Africa and Radio Ergo, amongst others. The temporary cover was due to end on the day of our visit.

After a Health & Safety briefing in the station's canteen, we split into two groups, led by Dave and Glyn, to tour the site. A rain shower meant both groups began the visit in the transmitter hall, where some of the transmitter doors (or senders as the BBC like to call them) had been left open for our visit so we could see their innards. Our visit was timed so no transmitters were initially on air (around 1030 UT).

A screen in the transmitter hall (and later seen in the control room) displayed the current transmitter usage as well as previewing the upcoming utilisation. It was great, though surprising, to see two of the 1963 vintage Marconi transmitters (Senders 93 and 95) still in use! As mentioned above, the RIZ transmitters were in separate rooms off the main hall - one was unlocked so we could see it close up.

Outside in the aerial field the rain had passed and close to the transmitter building, we saw the impressive trunked feeders over our heads, leading out from the transmitter building to the feeder switching stations (below) then out to the distant aerials, each feeder numbered by transmitter.

Looking away from the building, it was difficult to assess how many transmitter masts with arrays hung between them there were. An on the spot estimate was 22 or 23 masts? Each array can cover one, two or four shortwave bands. Although pointing in a fixed direction, each aerial array can be electronically turned a few degrees (or slewed) to target a particular country. And certain arrays can also be reversed to target the opposite direction if necessary. Maintaining or repairing the arrays is a specialist job with high winds or ice building up on the wires a hazard.

Underneath, the grass is kept cropped by sheep. Behind the main transmitter building, a small locked outbuilding housed the BBC Hereford and Worcester medium wave transmitter, labelled as such, but with its former "Radio Shropshire" plate visible underneath.

Later, from the narrow Park Lane to the east of the site, we would see the aerial wire for 1584 kHz sloping down from the easternmost HF tower. Back inside the Woofferton building, we also visited the "Sunshine Radio Transmitter Room" where a rack of equipment for their 105.9 MHz channel, was deemed not nearly as impressive as the shortwave transmitters we'd seen outside!

Prior to lunch in the canteen, we were shown the impressive automated control room used to link programming to transmitters and then feed onwards to the aerial arrays. Most programming nowadays is downloaded from satellite and in an adjacent room we saw the many satellite receivers used, fed from a multitude a satellite dishes on the ground outside.

Above: Martin Goulding, 2E1EKX explains the various screens in the Woofferton Control Room [caption]

Many thanks to Dave Porter, G4OYX and Glyn Jones, G4AIJ for showing us around, to Martin for explaining the Control Room and to Station Manager Barrie Elding for allowing us on site.

Dave Porter and Martin Goulding uploaded a 14-part series of films about the Woofferton site 3-4 years ago on YouTube:

<<https://www.youtube.com/user/wooffertonuk/feed>>

Dave also penned an article in the 2015 WRTH:  
"Woofferton: 70 Years on the air".

The full schedule of broadcasts from Woofferton can be found on the BDXC web site at

<<http://www.bdx.org.uk/uksw.pdf>>

- this will be updated for the B17 schedules as soon as possible.

A comprehensive history - 50 Years of BBC Woofferton 1943-1993 by Jeff Cant:

<[http://www.bbceng.info/Operations/transmitter\\_ops/Reminiscences/Woofferton/woof50y-v2.pdf](http://www.bbceng.info/Operations/transmitter_ops/Reminiscences/Woofferton/woof50y-v2.pdf)>

**(November BDXC-UK "Communication" monthly magazine, 2017)**



# DX LOGBOOK

## Logs around the clock

by Ashok Kumar Bose, 106 Aspermont Crescent, Brampton, Ontario, L6P 3Z3, Canada  
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### MEDIUMWAVE BAND

Frequency	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
936.0	1830	222	G	BBC Premier,Dover	English	Hangar for ships	1812	MF
954.0	1700	222	G	Classic Gold,Oxford	English	Jewish life in Oxford	2312	MF
981.0	1700	222	G	Premier Gold,Bath	English	Hospitals	1812	MF
999.0	1830	221	G	Classic Premier,Dover	English	Landscapes	1112	MF
1008.0	1755	222	G	Classic Gold,Plymouth	English	Jesus & Christmas	1612	MF
1017.0	1940	232	G	Jewish Premier,Luton	English	Our Hero is not Jesus	0212	MF
1026.0	1835	232	G	BBC Gold,Luton	English	Luton TV Time	1812	MF
1044.0	1715	222	G	Jewish Premier,Plymouth	English	Jesus was Jewish	0912	MF
1062.0	1900	211	G	Prem.Gold,Buckingham	English	Jesus in everyday life	0212	MF
1098.0	1800	222	G	Classic Premier,Plymouth	English	Brexit	1612	MF
1107.0	1750	232	G	Classic Gold,Torquay	English	Program	1512	MF
1116.0	1715	211	G	Sunrise,Harrogate	English	Scotland & Brexit	1612	MF
1125.0	1820	222	G	BBC Gold,Torquay	English	TV program	1512	MF
1152.0	1845	232	G	Prem. Gold,Isle of Wight	English	Moses	1812	MF
1161.0	1730	222	G	Pre. Gold,Buckingham	English	Jesus & Palestine	2312	MF
1170.0	1910	222	G	Class. Prem.,Buckingham	English	Song of Joy	1812	MF
1179.0	1825	232	G	Premier Gold,Torquay	English	Program	1512	MF
1242.0	1810	232	G	BBC Premier,Brighton	English	Holidays	1612	MF
1251.0	1725	232	G	Classic Premier,Brighton	English	Southern politics	1612	MF
1296.0	1715	222	G	Class. Preier,Brighton	English	Church going on Christmas	1812	MF
1305.0	1730	222	G	Classic Gold,Cambridge	English	Study of Brexit	1612	MF
1314.0	1755	232	G	Prem. Gold,Bournemouth	English	Lovely men	1812	MF
1332.0	1800	322	G	BBC Prem.,Bournemouth	English	Program	1512	MF
1341.0	1810	333	G	Class. Prem.,Bournemouth	English	Murder in city	1512	MF
1368.0	1740	211	G	Jewish Gold,Skelton	English	Jewish of Skelton	1612	MF
1404.0	1745	332	G	Classic Gold,Sheffield	English	Dialect program	1612	MF
1449.0	1700	221	G	Scotland Gold,Glasgow	English	News	0912	MF
1485.0	1740	222	G	South Gold,Southampton	English	Hits from England	0912	MF
1530.0	1650	322	G	Classic Gold,Glasgow	English	Program	0912	MF
1539.0	1840	221	G	Classic Gold,Ayr	English	Weekend activites	1512	MF
1548.0	1700	221	G	Scotland Gold,Dundee	English	Scotland is with God	1612	MF
1557.0	1800	322	G	Classic Premier,Dumfries	English	Latest Scotland News	0912	MF
1566.0	1750	222	G	Classic Premier,Dunferm	English	Dunferm News	0912	MF
1575.0	1730	222	G	BBC Premier Dundee	English	Mr. Faraday	0712	MF
1584.0	1615	322	G	Classic Gold,Dundee	English	Elections in Germany	0912	MF
1593.0	1745	211	G	BBC Premier,Inverness	English	German Warship Hamburg	0712	MF
1602.0	1720	322	G	Classic Gold,Inverness	English	German warships Hamburg	0712	MF



**SHORTWAVE BANDS**

Frequency	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
5995.0	1945	111	MLI	Voice of Mali	Englisg	Chinese on Battlefields	2412	MF
6165.0	0720	211	ZMB	Radio Zambia	English	Africa's gun stores	1012	MF
7235.0	1655	111	ETH	Radio Ethiopia	English	Hero of Africa	1012	MF
7245.0	1330	122	TJK	Radio Tajik	English	Central European Award	2512	MF
9370.0	1310	221	USA	WWRB	English	Mega Monopoly & Jesus	1012	MF
9505.0	1730	322	SND	Radio Africa	English	Equipment from China	2512	MF
9560.0	1400	222	UZB	NHK	English	Sony computer for Asia	1012	MF
11735.0	1820	222	TZA	Radio Tanzania	English	Illegal animal hunter	2412	MF
11775.0	1020	211	AIA	Caribbean Beacon	English	Missionaries in US & CAN	2512	MF
11800.0	1805	322	AFS	NHK-World Radio Japan	English	Old cars for Africa	2512	MF
11825.0	1100	232	SNG	NHK	English	Toyota car factory	1012	MF
12015.0	1530	322	MNG	Voice of Mongolia	English	Chinese A Bomb Test area	1012	MF
12020.0	1000	221	VTN	Voice of Vietnam	English	China warhead in Asia	1012	MF
12030.0	1900	222	ASC	Follow the Bible	English	Christmas in Africa	2412	MF
15105.0	1250	222	BGD	Radio Bangladesh	English	Sex Tourism from India	1012	MF
15140.0	1420	211	OMA	Radio Oman	English	Imam for Asia	1012	MF
15555.0	1410	222	USA	WJHR	English	Birth of Jesus	2512	MF

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**Here are the loggings from Richard A. D'Angelo of Wyomissing, Pennsylvania, USA during French Creek State Park DXpedition No. 54 (December 5, 6 and 7, 2017):**

- 3240.0 SWAZILAND Trans World Radio – Mpangelo Ranch, 0331-0346\* Dec 6, tuned in to a vocal selection prior to a man announcer with a long religious talk in the Nda language. Station ID and closedown announcement at 0345 followed by IS and carrier cut. Poor.
- 3310.0 BOLIVIA Radio Mosoj Chaski – Catapachi, 2256-2316 Dec 6, fast talking woman announcer speaking in Quechua language with rustic vocal music selection. At top of hour a male hosted program. Poor.
- 3915.0 SINGAPORE BBC – Kranji, 2226-2257 Dec 5, several mentions of BBC followed by English language talk features. Poor to fair.
- 4764.0 PERÚ Radio Huanta 2000 – Huanta, 2251-2303 Dec 5, end of OA vocal followed by man announcer with Spanish language talk, station ID and announcements followed by more music. Blocked by a carrier opening up on 4,765 at 2303. Poor to fair. Again, 1043-1104 Dec 6 with excited man hosting morning music program, Fair with slight CODAR QRM.
- 4775.0 PERÚ Radio Tarma - Tarma, 2214-2246 Dec 5, long Spanish language talk by a man announcer followed by some OA vocals. Nice siren followed by a station ID at 2238. Fair with light CODAR QRM.
- 4800.0 CHINA Voice of China - Golmud, 1105-1136 Dec 6, man and woman announcers in Chinese language with flute music in the background. Seemingly news at 1106 with remote reports. Music fanfare at 1110 followed by another man speaking. Poor with some QRM from CODAR.
- 4820.0 CHINA (Tibet) Xizang PBS - Lhasa, 1056-1137 Dec 6, woman announcer with Chinese language talk followed by a man prior to 1100 ID and instrumental music. Another long talk followed. Poor to fair with light CODAR QRM.
- 4930.0 BOTSWANA Voice of America – Moepeng Hill, 2201-2232 Dec 5. Tuned in to the news in the English language followed by a music program hosted by a male announcer. Fair to good signal. Noted again at 0100 with news. Clearly operating past traditional 2100 sign off and before standard 0300 opening. Presume extended schedule perhaps operating 24 hours a day because of Zimbabwe?
- 4949.7 ANGOLA Rádio Nacional de Angola - Mulenvos, 0150-0220 Dec 7, continuous vocals until 4-time pips at 0200 followed by station ID and news in Portuguese language. Several announcements after the news followed by a man announcer hosting a music program. Poor to fair.
- 4955.0 PERÚ Radio Cultural Amauta - Huanta, 2331-2353 Dec 5, talk by a man and woman announcer in the Spanish language followed by an OA vocal selection. Program mainly of long talks. Poor.
- 4985.0 BRAZIL Radio Brasil Central – Goiânia, 2304-2333 Dec 5, peaking through the usual RTTY QRM with fair signal with a woman

- announcer with Portuguese language talks hosting a music program. Several IDs and announcements.
- 4990.0 SURINAME Radio Apintie - Paramaribo (very tentative), 2220-2237 Dec 6, very weak signal but occasional talk by a man announcer heard. Could have been Dutch but not really sure as very weak signal with deep fades. Very tentative at best.
- 4990.0 CHINA Hunan PBS – Changsa (presumed), 1005-1023 Dec 7, looking for Radio Apintie but noted Chinese talk and music. Definitely, a Chinese station but too weak to get station ID.
- 5875.0 THAILAND Radio Thailand - Udorn, 1114-1133 Dec 6, man with English announcements prior to bells/gongs between programs. A man gave station ID "This is Radio Thailand World Service broadcasting from Bangkok". Mandarin program commenced. Fair to good.
- 5910.0 COLOMBIA Alcaraván Radio – Puerto Lleras, 0318-0352 Dec 6, man announcer with long religious talk in the Spanish language. Thanks to Dave Valko tip. Fair to good signal. Re-check after 0400 and apparently closed down.
- 5940.0 ETHIOPIA R. Deegaanka Soomaalida – Jijiga (presumed), 1948-2000 Dec 6, long vocal selection with flutes that continued until blasted away by R. Algerienne-Issoudun at \*2000. Poor signal.
- 5950.0 ETHIOPIA Voice of Tigray Revolution – Addis Ababa, \*0254-0301 Dec 6, familiar IS to opening announcements which were essentially wiped out by QRM. Quite poor.
- 5952.5 BOLIVIA Radio Pio Doce – Siglo, 0214-0230\* Dec 6, caught a few musical selections prior to a man announcer in the Spanish language with station ID and closedown announcements followed by Colonel Bogey March. Poor to fair.
- 5995 MALI Radio Mali (ORTM), 2234-2256 Dec 6, man announcer with French language talk speaking to another man from a remote location. Music programming followed hosted by a man and woman announcers. Poor to fair signal. At 2253 seemingly, a carrier opened up on channel blocking Mali's audibility significantly. At home when I hear Mali between 2300-2400 I just assume it has poor modulation. However, the studio modulation seems fine until this "carrier" pops on the channel.
- 6015.0 ZANZIBAR Zanzibar Broadcasting Corporation – Dole, 0303-0345 Dec 6, male vocals cutting through the ether followed by a man with Swahili language talk. Spotted by John Figliozzi. Poor signal. 0315-0340 Dec 7, with decent signal tonight.
- 6050.0 ECUADOR HCJB – Quito, 0230-0232\* Dec 6, man announcer with Spanish language closedown announcements followed by orchestral National Anthem. After National Anthem a man could be heard beginning another program before the carrier was terminated. Fair.
- 6090.0 ETHIOPIA Amhara State Radio - Addis Ababa, 2045-2102\* Dec 5, man announcer with Amharic language talk followed by Horn of Africa music programming. ID at 2100, closing announcements and instrumental music followed by Choral National Anthem. Fair. Next day noted at 2022 with fair signal and Horn of Africa vocal selections ad discussion by a man and woman in Amharic language.
- 6110.0 Radio Fana - Addis Ababa, 0354-0416 Dec 6, nice Horn of Africa vocals until 0359 with station ID by a man announcer followed by news with another man and a woman announcer in presumed Amharic language. Poor to fair.
- 6115.0 CHINA Voice of the Strait - Fuzhou, 1133-1152 Dec 6, woman announcer with Chinese language talk followed by a man announcer. Poor to fair but fading fast.
- 6134.8 BOLIVIA Radio Santa Cruz – Santa Cruz, 0135-0162 Dec 7, several nice station IDs, music selections plus a nice ad string. Into group discussion at 0210. Lively programming with a fair to good signal.
- 6170.0 KOREA (North) Radio Pyongyang - Pyongyang, 1118-1127\* Dec 6, woman announcer with English language talks hosting program of operatic vocals. At 1125 station ID and announced broadcast schedule. Before closing. Poor but //6185 as poor to fair.
- 7120.0 SOMALILAND Radio Hargeisa, 1924-2002\* Dec 6, talk by a man and woman in the Somali language with HOA vocals shortly thereafter. Poor at tune in but steadily improving by closedown. Off rather quickly with quick announcements and short instrumental music segment.
- 7320.0 CLANDESTINE Denge Kurdistan – Yerevan, 2136-2200\* Dec 5, Kurdish language talks followed by flute music and vocal selections. A man announcer at 2158 with closedown followed by seemingly start of an anthem which was rapidly terminated. Fair.
- 7365.0 VATICAN Vatican Radio - Santa Maria de Galeria, 2027-2043 Dec 5, Close of English language program followed by IS and opening of the French language program. Poor.
- 9390.0 THAILAND Radio Thailand - Udorn, \*1201-1244 Dec 6, man announcer in English mentioned Malaysian program was next. Retuned at 1233 and caught the English language news program with ads for Bangkok Airways. Fair. Noted again, \*1230-1244 Dec 7 as English news was my last log for this DXpedition. Fair.
- 9635.8 VIETNAM Voice of Vietnam HS-1 Son Tay, 1032-1044 Dec 7, off channel really helped figure out who this was with a man and woman announcers talking in listed Vietnamese language. Some music. Very weak at tune in but steadily improving.
- 9650.0 KOREA (North) Radio Pyongyang - Pyongyang, 1110-1126 Dec 7, man and woman announcers talking in listed Japanese language followed by singing. Mainly talks featured throughout. Poor to fair.
- 9720.0 CLANDESTINE Radio Erena - Sofia, \*1657-1739 Dec 6, open carrier to instrumental music opening at 1700. Several station IDs by man announcer with listed Tigrinya language opening announcements. Into news program which was followed by some musical selections. Fair to good.
- 9745.0 ARMENIA TWR India - Yerevan-Gavar, \*1245-1317 Dec 6, fifteen-minute sf interval signal until man announcer with opening ID and announcements in English. A man followed with a long religious talk. ID and IS at 1315 into another language. Fair.
- 9805.0 KOREA (South) KBS World Radio - Gimje, 2317-2328 Dec 7, man and woman announcers talking in listed Chinese language on familiar KBS frequency. Poor to fair.
- 11735.0 ZANZIBAR Zanzibar Broadcasting Corporation – Dole, 1753-1816 Dec 6, Swahili language talk by several men. 5+1 time pips at 1800 followed by a woman announcer in English with a nice station ID and news program. More English station IDs at 1805 and at end

- of the news at 1809. Back into Swahili language program after the English news. Fair.
- 11745.0 SAUDI ARABIA Al-Azm Radio - Jeddah, 1347-1418 Dec 6, continuous Middle Eastern vocals until 1400 station ID by a man announcer with brief Arabic language talk before another vocal. Fair to good.
- 11780.0 BRAZIL Rádio Nacional Amazônia - Brasília, DF, 1308-1346 Dec 6, man announcer with Portuguese language talk hosting morning chat program with several people. Nice to see this back with a reasonable signal this AM although seemingly fading by tune out. Later noted around 1730 at much poorer level with man and woman announcers hosting a music program.
- 11935.0 BRAZIL Rádio Evangelizar, 2204-2227 Dec 6, woman announcer with Portuguese language talk followed by group repetition. Vocal selection at 2213 and more group repetition. Poor to fair but //9725.5 was very good.
- 13695.0 INDIA All India Radio – Bengaluru, 1447-1500\* Dec 6, tuned in to hear nice Hindi vocal selection followed by a man announcer with "General Overseas Service of All India Radio" station ID. News at 1455 prior to closedown station ID and frequency announcements. Poor to fair.
- 15105.0 SWAZILAND Trans World Radio – Mpangelo Ranch, \*1555-1627\* Dec 6, music station ID ("this is Trans World Radio, Swaziland") and music box IS to open in listed Kirundi language. Poor to fair.
- 15140.0 OMAN Radio Sultanate of Oman – Thumrayt, 1420-1447 Dec 6, man announcer hosting English language pop music program from the local FM station with "Call to Prayer" segment at 1440. Good signal although seemingly missed starting at scheduled 1400.
- 15320.0 TAIWAN Radio Taiwan International - Paochung, 0335-0400\* Dec 7, English language program with discussion about China's one child policy with a journalist, several station IDs and Chinese language lesson. Fair with moderate fading. At 0400 the Chinese language program opened.
- 15360.0 CLANDESTINE Voice of Amara - Issoudun, 1703-1738 Dec 6, missed opening but in the clear with a man and woman doing the news in the listed Amharic language. When another man began talking at 1710 the white jammer bounced on the channel blocking 95% of the available audio. Very effective! Fair signal before jamming commenced.
- 15560.0 PHILIPPINES FEBC Radio - Bocaue, 0126-0130\* Dec 7, man announcer speaking in the Japanese language with closing station ID and broadcast schedule information. Closed with nice IS. Fair signal and by far the best on a very limited activity band at this hour.
- 15620.0 VATICAN Radio Veritas Asia - Santa Maria de Galeria, 1530-1554\* Dec 6, Tagalog language program hosted by a female announcer. Closedown station ID and announcements prior to carrier being terminated. Good signal.

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

- 3320.0 SOUTH AFRICA Radio Sonder Grense – Meyerton, 0256-0323 Dec 16, female vocal followed by a man at 0300 with station ID and news in the Afrikaans language. Return to music program at 0308. Nice series of announcements at 0320. Fair signal.
- 5905.0 FRANCE R. Algerienne – Issoudun, 2149-2200\* Dec 1, Holy Quran mixed with some musical pieces. A man announcer seemingly closing program with Arabic language announcements prior to carrier being terminated. Poor.
- 5930.0 GERMANY Gruss An Bord – NDR via Nauen, 2157-2300\* Dec 24, annual traditional broadcast for those at seas with several Christmas songs ("Feliz Navidad" and "Silent Night") and much German language conversation with a "live" audience. At 2248 the woman announcer spoke in English wishing listeners a "Merry Christmas and Happy New Year". Fair and clear until WWCR opened on 5,935 at 2259. //6155 Yerevan, Armenia was poor.
- 5960.0 TURKEY Voice of Turkey – Emirler, 2336-2350\* Dec 1, English program with features and Turkish music. A man announcer with station ID and closedown announcements prior to closing Turkish instrumental music Poor to fair.
- 6005.0 ASCENSION ISLANDS BBC, 0518-0542 Dec 25, man and woman announcers with English language features. Fair.
- 6020.0 ROMANIA Radio Romania International - Galbeni 0446-0457\* Dec 23, man and woman announcers hosting English language features. Nice station ID and closedown announcements at 0455 prior to IS played one time before carrier terminated. Fair.
- 6180.0 IRAN Voice of Islamic Republic of Iran – Sirjan, 0024-0039 Dec 26, tail end of National Anthem opening Spanish language program. A man announcer with station ID and news headlines. Fair.
- 6185.0 MEXICO Radio Educación – Mexico City, 0502-0543 Dec 23, nice program of continuous Mexican vocals. Fair signal.
- 7220.0 ROMANIA Radio Romania International – Galbeni, 0504-0523 Jan 5, man and woman announcers with the news in the Romanian language. After news, station ID followed by features. Fair.
- 7240.0 CLANDESTINE (Nigeria) Radio Biafra – Issoudun, \*0500-0522 Dec 3, opened with woman announcer giving station ID ("This is Radio Biafra coming to you from London"), music features and talks in the English language. Poor to fair. Noted //11530 Okeechobee which had a WRMI ID string leading up to opening for about five minutes prior to 0500. Also, poor to fair.
- 7285.0 UNITED ARAB EMIRATES BBC – Dhabayya, 0318-0359\* Dec 3, several men speaking in the Arabic language, brief instrumental music followed by more talk features. Poor signal.
- 7285.0 ENGLAND BBC – Woofferton, \*0400-0423 Dec 3, after Dhabayya site closed down Arabic service this location opened its Arabic language program with several talk features. Poor to fair.
- 7490.0 USA WBCQ – Monticello, 0015-0032 Dec 17, operating on back up transmitter noted with fair signal on peaks but subject to deep fades so basically struggling. A man announcer with English language religious talk noted.
- 9330.0 USA WBCQ – Monticello, 1725-1750 Jan 4, Allan Weiner complaining about government taxes, problems at the station, etc. Appeared to be a repeat of a December program. Fair.
- 9650.0 GUINEA Radio Guinee – Conakry, 2126-2145\* Dec 1, great highlife musical selection hosted by a man announcer with French

- language talk and station ID. Program ended suddenly without announcements in mid-song. Good signal.
- 9650.0 GUINEA Radio Guinée – Conakry, 2204-2244 Dec 27, woman announcer with news in the French language. Feature program apparently entitle "Le Journal" with various news featurettes. Nice station ID at 220 and again at 2238. Fair.
- 9660.0 VATICAN Vatican Radio – Santa Maria de Galeria, 2002-2034 Dec 25, Holy Father's Christmas Day thoughts in the English Service. Closed program with selection of Christmas sings with background information about each song. Into French program at bottom of the hour. Fair.
- 9720.0 CLANDESTINE Radio Erena – Sofia, 1746-1800\* Dec 24, two men in conversation in the Arabic language with some laughter and periodic musical selections. Nice closedown station ID and frequency announcements by another man followed by instrumental music until carrier terminated. Fair.
- 11530.0 CLANDESTINE Radio Herwa International – Okeechobee, 1943-2000\* Dec 23, tribal singing followed by a man announcer with talks in presumed Hausa language including station ID and possible contact information. Several nice station IDs during program. After final announcements, Bob Zanotti gave WRMI station ID prior to carrier being terminated. Has this replaced Radio Biafra? Good signal.
- 11735.0 ZANZIBAR Zanzibar Broadcasting Corporation – Dole, 2024-2101\* Jan 5, a program of continuous ocal music and vocals with closedown announcements by a woman announcer at 2059 in the Swahili language before carrier terminated. Fair to good.
- 11790.0 MADAGASCAR Word Christian Broadcasters – Mahajanga, 2204-2257\* Dec 25, man and woman announcers with talk in the Arabic language. Nice music with talk features. Station ID at 2256 including contact information. Very good signal.
- 11815.0 TURKEY Voice of Turkey – Emirler, 1634-1657\* Jan 7, nice program of Turkish music followed by feature sin the Turkish language by a man and woman announcing team. Fair.
- 11855.0 BRAZIL Radio Aparecida, 0415-0506 Dec 24, man announcer with Portuguese language talks, station ID and announcements hosting program of musical selections and vocals. Fair signal but deep fades.
- 12050.0 CLANDESTINE Dandal Kura Radio Ascension, 1943-2010 Dec 16, noted weakly under powerhouse religious station WEWN dominating the channel with talks in presumed Kanuri language.
- 15360.0 CLANDESTINE Voice of Amara – Issoudun, \*1700-1717 Dec 25, soft strings and gongs IS followed by a man announcer with station ID and opening announcements in presumed Amharic language. Mainly talk features hosted by a man announcer. Poor.

### **Here are loggings from Richard Lemke of St. Albert, Alberta, Canada:**

- 6060.0 Cuba, Radio Habana Cuba, Break through, railway transportation system, 0735, (SIO 553), Jan 1
- 6130.0 Romania, Radio Romania International, 0107, Week in Review, ( SIO453), Dec 31
- 7315.0 USA, WHRI SC, 0016, heard Voice of Vietnam relay, Saturday Report, Students, primary school, environmental textbooks, curriculum, 0020 (SIO 554), Dec 31
- 7405.0 China, China Radio International, English to Europe, 1855, language course, (SIO 453), Dec 24
- 7410.0 Romania, Radio Romania International, Dec 16 UTC, Sports round up 0427, 0430 (SIO 553), Dec 16
- 9720.0 Cuba, Radio Habana Cuba, 0020, DX-er's Unlimited, (SIO 453), Jan 1
- 11580.0 USA, WRMI Florida, 2300, heard Viva Miami, mail around the world, 2300 - 2310, heard Christmas song, (SIO 453), Dec 22
- 11800.0 Japan, NHK World/Radio Japan, relay South Africa, Short stories, Part 3, When My Wife was a Shiltake, arrived at cooking school, 1815, (SIO 453), Dec 30

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

- 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.

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Dear Friends,

Welcome to the first edition of Logbook for this year.

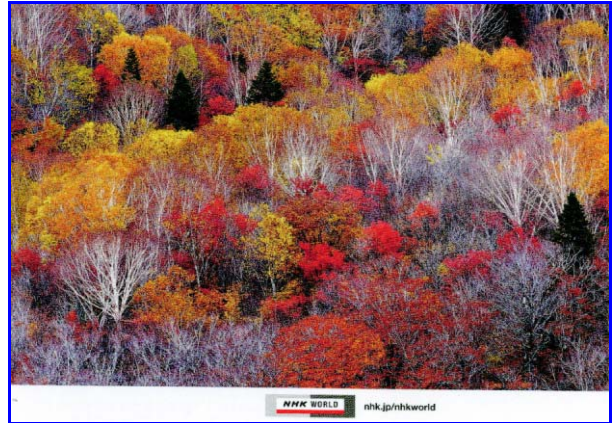
Thanks to our regular contributors,

*Ashok Kumar Bose*

	<h2>QSL CORNER</h2> <p>Editor: Dario Gabrielli, Viale della Resistenza 33b, IT-30031 Dolo (Ve), ITALY  eMail: &lt;qsl@wwdxc.de&gt;</p>	
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**France:** Radio Taiwan International 5935 kHz (via Issoudun) Russian program. Full data QSL card No. 11 "Butterfly" received in 39 days for a report to Russian section: <russ@rti.org.tw> (AG)

**Germany:** NHK World 6165 kHz (via Nauen) Russian program. Full data QSL card "Colours of the Autumn Chill" received in 69 days for report through the website of NHK World. (AG)



**Italy:** Associazione Italcable 10000 kHz. Station standard time. Full data QSL card "Stazione segnale orario" received in 33 days for report to: <info@associazioneitalcable.it> (AG)

**Japan:** NHK Radio Japan 6155 kHz and many more for English broadcasts. Full data colour QSL card "Coors of the Autumn Chill" received in 60 days for e-mailed report. I had reported on the audibility of a full day's English schedule of NHK World Radio Japan (HJB)

**Russia:** WRN 738 kHz ( Moscow ) the Russian program. Full data e-QSL card "300th anniversary issue of Radio panorama" received in 73 days for report to: <letters@wrn.ru> (AG)

**Turkey:** Voice of Turkey 11965 kHz. The Russian program. Full data QSL card "... desert is cooked and distributed among people" received in 69 days for report to Russian section: <russian@trt.net.tr> (AG).

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The reporters of this edition of QSL CORNER have been:

- AG** = Alexander Golovikhin (Togliattigrad, Russia)
- HJB** = Hansjoerg Biener (Nuremberg, Germany)

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Unfortunately this month too we have received the contributions of only two people. Perhaps the other subscribers of this magazine didn't receive confirmations or don't send their reception reports to receive confirmations. However we wait for your news about confirmations of your reception reports and if possible the pictures of QSL that you have received are appreciated in .jpg Format. We remember that the next deadline to contribute for this page in on **10 February 2018**. Wishing to all readers my best wishes for a Happy New Year.

*Dario*



## RFA QSL commemorates the 2018 Winter Olympiad PyeongChang



Radio Free Asia (RFA) announces its 66th QSL card. This latest design commemorates the 2018 Winter Olympic Games in the city of PyeongChang, Republic of Korea, scheduled for February 9-25, 2018. The Games always bring people together from around the world in peace and harmony to respect universal moral principles and the unique Olympic idea. This fine new design shows an adaptation of RFA's first panda QSL which was originally used for the 2008 Beijing summer Olympics. The updated version of the original panda design adds a winter cap stylized to match the Games. The winter cap is made in the South Korean national flag design. This RFA QSL design is used to confirm all valid reception reports from January to April 2018.

Created by Congress in 1994 and incorporated in 1996, Radio Free Asia (RFA) broadcasts in Burmese, Cantonese, Khmer, Korean to North Korea, Lao, Mandarin (including the Wu dialect), Vietnamese, Tibetan (Uke, Amdo, and Kham), and Uyghur. RFA strives for accuracy, balance, and fairness in its editorial content. As a 'surrogate' broadcaster, RFA provides news and commentary specific to each of its target countries, acting as the free press these countries lack. RFA broadcasts only in local languages and dialects, and most of its broadcasts comprise news of specific local interest. More information about Radio Free Asia, including our current broadcast frequency schedule, is available at [www.rfa.org](http://www.rfa.org). RFA encourages listeners to submit reception reports. Reception reports are valuable to RFA as they help us evaluate the signal strength and quality of our transmissions. RFA confirms all accurate reception reports by mailing a detailed QSL card to the listener. RFA welcomes all reception report submissions at <http://techweb.rfa.org> (follow the QSL REPORTS link) not only from DX'ers, but also from its general listening audience. Upon request, RFA will also send a copy of the current broadcast schedule and a station sticker. Reception reports are also accepted by email to [qsl@rfa.org](mailto:qsl@rfa.org) and by mail to:

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**Radio Free Asia**  
Technical Operations

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RFA's AJ via Siegbert Gerhard, Frankfurt