

8/9 - 2018 € 3,00

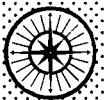
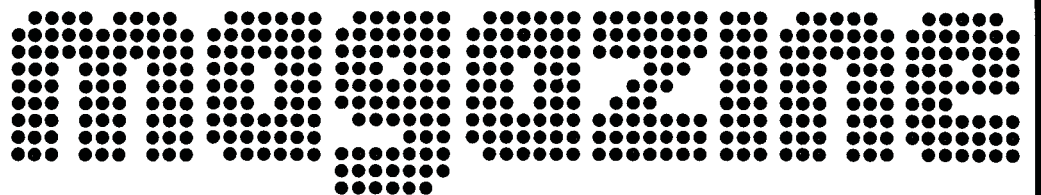
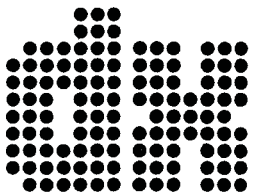
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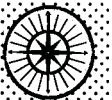
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WORLD WIDE DX CLUB



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- 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>>



Radio Taiwan International special QSL card for direct test transmissions from Tamsui, Taiwan

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DX MAGAZINE No. 8/9 ■ Vol. LIII ■ August/September 2018

Hello again,

Welcome to the annual summer double issue of our DX MAGAZINE. Like in the past years you will find our normal monthly sections, some articles, and our annual "List of Members". *Please notice that our "List of Members" is only sent to our members - not to non-members, radio stations or other clubs.* I have also included Wolfgang Büschel's latest list "SWL / Media Programs in English, German & Spanish" and Walter Eibl's "English Schedules - Hörfahrplan Englisch". I hope that you will enjoy this double edition and wish you a nice and sunny August and September.

And with this best wishes and good DX until October from

NEWS ABOUT BROADCASTING (+other) STATIONS

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

ANGUILLA [and non] - 11775, Caribbean Beacon / University Network at 1615. Definitely on today, with a DGS lecture (Dr. Gene Scott from the beyond), going at 1623, to the request for some bread music. However, after a trip to make more coffee in the kitchen, I return to just some static. Switching on the BFO I AM getting a carrier here, but that is about it. Still the same on recheck at 1830. At 2020, VG now, with Pastor Melissa, and not the cigar smoking Doc. Still VG at 2100, this time with the Doc, tho cigar use unknown. 2200 recheck had it off the air.

*NOTE: there was this from Glenn Hauser: "U S A. 12695.5-CW, Aug 11 at 2229, VVV VVV VVV CQ DE KFS --- it's the OSOB heard with an ID marker --- as I have tuned the entire 12 MHz marine band which is mostly vacant now. So KFS, California....."

I was hearing this marker all afternoon on 11775 as an image covering Caribbean Beacon Anguilla when checking with a couple of my portables. It was still on the channel after Anguilla closed. August 12.

(Rick Barton, from Central Arizona. Grundig Satellit 205(T.5000) & 750; RS SW-2000629, & ATS-909X with various outdoor wires. , WOR iog via DX LISTENING DIGEST)

That's 920 kHz away, so those receivers must have IF of 460 instead of the more common 455 kHz; or maybe just too broad (gh, DXLD)

ANTARCTICA - 15476 kHz, LRA 36, Radio Nacional Arcangel San Gabriel, Base Esperanza, at 1720-1903* UT on Aug 13, only very weak carrier detected here in Lugo.

Via remote receiver SDR Kiwi, Ticino, Switzerland, only carrier detected. Audible via remote receiver SDR Kiwi, Pardino, 15475.97 kHz, songs, Spanish language, comments, female, "Base Esperanza, Esperanza Antartida", male, id. "Desde Esperanza Antartida, un programa de LRA 36".

(Manuel Mendez-ESP, hcdx via wwdxc BC-DX TopNews Aug 13)

AUSTRALIA - Ozy Radio. Interesting development with regard to one of our domestic SW stations currently playing

great Aussie hits from the last few decades. As per the attached image, [in] a post on the ARDXC Facebook page, Craig Allen is looking to lease Ozy Radio to a "national broadcaster or religious group".

(Michael Cunningham, SW Bulletin Aug 12 via WOR 1943, DXLD)

Hobart Radio International Facebook page:

Pulse FM Kingborough and Huon, Australia, August 8, 2018 We welcome all of our new listeners across the Pacific on 4835 kHz Shortwave! In partnership with Radio Ozy [sic], Pulse FM Tasmania can now be heard across Australasia and surrounding continents on shortwave radio (4835) between 12 am and 6 am every day (Hobart Time) (1400-2000 UT).

Tune in, and let us know where you're listening from!

#alwayslocal #pulsefmtas FOR DX ENTHUSIASTS: Please send your reception reports to knh@pulsefm.com.au (via Mike Terry, Aug 10, via WOR 1943, DXLD)

5055, August 8 at 1146, JBA carrier from presumed 4KZ Queensland, despite storm noise level and switch to indoor longwire for safety. During July, Ron Howard had noted it cutting off the air by a timer, a few seconds earlier from one day to the next, reaching 1148:52* by July 31, so I am expecting carrier to vanish sometime during the 1148 or maybe 1147 minute --- but it does not! I am about to tire of listening to its JBA tone with BFO on 5054, when finally it stops at approx. 1157:11.5*, wouldn't you know it, when I have glanced away from my watch. Perhaps Ron can confirm the new timing.

4835, that accomplished, still on the indoor longwire, I retune for the other low power Aussie, OzyRadio in NSW which Ron says had reactivated August 3 after a monthlong absence. 4840 WWCR has just closed at 1158, helping to audibilize the 4835 JBA carrier, but which here could also be Sikkim. Ozy normally stays on much later, far too long after sunrise here, so I am not going to log it by matching a cutoff time like with 4KZ. I shall be very lucky ever to hear something really identifiable from OzyR, such as the ex-RA version of "Waltzing Matilda" it plays at some set times. (gh, DXLD)

9670, Reach Beyond Australia (presumed); 1234, 8/8; Religious program in S p e c i a l English about the development of Esperanto & its use to translate the Bible. SIO=353-; EiBi lists English on day 4; Aoki lists "NAG" (Harold Frodge, Midland MI, USA, Drake R8B + 185' RW, ----- All logged by my ears, on my receiver, in real time & without the aid of a computer! -----, DXLD)

BANGLADESH - Bangladesh Betar in English/Bangla in 22mb, August 10:

1745-1900 on 13580 DKA 250 kW / 320 deg to WEu English, very good

1915-2000 on 13580 DKA 250 kW / 320 deg to WEu Bangla, very good

(Ivo Ivanov, SWLDX Bulgaria News, August 10, DXLD)

Reception of Bangladesh Betar in 19mb on August 13:

1400-1430 on 15505 DKA 250 kW / 290 deg to WAs Urdu, very good

1515-1545 on 15505 DKA 250 kW / 305 deg to SAs Hindi-very good

No signal of Bangladesh Betar on both frequencies on August 12!

(Ivo Ivanov, SWLDX Bulgaria News, August 13, DXLD)

BRAZIL - 11780 kHz. On July 22 at 0114 UT. Very surprised to find RNA on the air after 2300 UT! Like the good old days; modulation is fine now and no spurs either. Is S9 with old romantic song. 0116 UT DJ outro says it was from 1943y, "Sempre em meu coracao". Seems it's a nostalgia show, and DJ talks about as long between songs as each song lasts, next at 0118 UT. 0139 UT 'Historias do Frazao', program title, and men-tions other stations besides R. Nacional, such as Radio Tupi. Found program page as on air at 22h local time Saturdays on RN Brasilia:

<<http://radios.ebc.com.br/historias-do-frazao>>

What does frazao mean? It's the name of the presenter: "Sobre o programa Os fatos historicos e as curiosidades dos bastidores da Musica Popular Brasileira no relato do produtor e memoria-lista Osmar Frazao. Apresentacao: Osmar Frazao". Hope they'll keep up an expanded schedule with lots of good music, even 24/7 like it used to be! However this particular program adds to the glut of conflicting good music shows Saturday nights, such as Wolverine, KBC, WTWW, WWCR, WWCR, RRI, ERT, etc., etc.

(gh, via Swedish SWB Aug 12)

6010, 12 Ago, 2100, BRASIL, R Inconfidência em português. ID com divulgação de todas as frequências, inclusive da 15190 que eu não a ouço aqui há anos. Alguém ouvi a Inconfidência em 15190 kHz? Sinal razoável.

(Jorge Freitas, Feira de Santana Bahia, 12 14'S 38 58'W - Brasil, Tecsun PL-310ET, Antenna dipole of 25m, WOR iog via DXLD)

11735-, August 8 at 1846, two very poor carriers slightly apart making a LAH = low audible heterodyne between them, and a double-pitch het with offset BFO, i.e. Zanzibar and Rádio Transmundial. I have hastened to check following this

via Daniel Wyllyans, HCDX:

Google translation improved by gh:

"RTM OFF Shortwave 09 Aug 2018? --- "Rádio Trans Mundial closed its broadcasts on SW on 09/08/2018 [Google changed this to 08/08!]. For more than 20 years, Trans World Radio invested in this medium with excellent results all over Brazil. But due to technological advances in communication, and after much reflection and prayer, we understand that this was the best decision to make. You can follow us through our website - Transmundial.org.br - app, and affiliated broadcasters, media through which we have experienced great growth in audience. We thank God first for the privilege of communicating the message of salvation in Jesus Christ through the Short Waves. We also thank you and all the listeners who accompanied us during this time. May God bless us and help us to advance more and more. We count on your prayers and partnership." RTM's Big Embrace"

To which I replied: "Says RTM closed down SW permanently on August 9 [sic] in past tense even tho it is still August 8 in Brasil. No more QRM to Zanzibar on 11735!! But try today in case it still be on until 2100v* one last time. Other frequencies 5940v and 9530 were not so well heard"

11734.98 is approx. VP frequency of RTM; at 1857 Aug 8 it does sound like Brazilian intonation. Usual closedown of both is circa 2100, so I'm remonitoring at 2046, when both are stronger, but RTM atop, now measured on 11734.972. 2058 is talking about FM frequencies, website. By 2101, ZBC is off and RTM still on alone about FM, 2102 song, still past 2108. By 2229 no signal on 11735 (while much stronger 11780 RNA is still in well).
(gh, WOR iog via WOR 1943, DXLD)

Jorge Freitas, Brasil replies to the WOR iog, here in my translation:

"Glenn, I heard them talking about this at 2036 on 11735. Broadcasts cease today 8 August. The programs will be presented by Bonaire on 800 kHz with 440 kW. They alleged that among the problems were adequate financing, low audience for SW programs compared to internet. Talked about the cost of electricity for radio and elevated cost of maintenance. One tube which burnt out cost 20 kiloreais. Lamented closing of broadcasts to DXers and said that if there were a much greater SW audience they would not close it. They get an average of 50 kiloconnexions daily for online radio. Their ANATEL license expired today and was not renewed"

So another SW station bites the dust, but look at the bright side: one less gospel-huxter. Manuel Méndez laments it and says in Google translation, improved by gh:

Radio Cultura de Araraquara reactivated on 3365 kHz. More from Dave: {? Dave Valko-PA-USA ? }

"Been watching the Araraquara signal in the last 10 minutes and its varying a little. It'll stay steady for a minute or two then vary +/- 10 Hertz for a minute or two. You can see what I mean below. All the horizontal lines are static crashes!! And there are some big boomers close by now so I better sign off."

(Ron Howard-CA-USA, direct and dxld via wwdxc BC-DX TopNews Aug 18)

CHINA - 3900 kHz, PBS Hulun Buir, Hailar. At 10 kW into a non- directional antenna, this is one of the few low-powered Chinese regional outlets on shortwave. Often hard to hear at Mount Evelyn, it was coming in to the Flinders Ranges with a good signal at 1115 UT with a mix of programming in Mandarin. Hailar is located in far northeastern Inner Mongolia, near the border with Russia. 24/7.

(Rob Wagner-Vic-AUS VK3BVW, ARDXC Aug "ADXN" magazine, direct / dxld)

CHINA [and non] - The Chinese authorities switched their feed to jam western broadcasters between the 1100 and 1200 hours from CNR1 to CNR3 (news to classical music) which I find more entertaining. They have a wide range of legitimate networks that they can draw upon to jam western broadcasters rather than relying on the Firedrake program.

The networks according to the WRTH are:

- CNR1 – Voice of China (news);
- CNR2 – Voice of the Economy (or China Business Radio);
- CNR3 – Voice of the Music;
- CNR4 – Scripture Music Service (or Golden Radio);
- CNR5 – Voice of Zhonghua (or Zhonghua Business Radio);
- CNR6 – Voice of Shenzhou (or Shenzhou Easy Radio);
- CNR7 – Voice of Huaxia (or Huaxia Radio);
- CNR8 – Voice of Minorities (or Ethnic Minority Radio);
- CNR9 – Voice of the Literary (or Story Radio);
- CNR10 – Voice of Old Age (or Senior Citizens Radio);
- CNR11 – Tibetan Service;
- CNR12 – Voice of Entertainment (or Happy Radio);

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CNR13 – Uighur Service;
CNR14 – Voice of Hong Kong;
CNR15 – China Traffic Service;
CNR16 – Voice of China Country;
CNR17 – Kazakh Service.

All loggings below in English unless otherwise specified. All times and dates in UT.

11640, CHINA, CNR1 at 1113 in Mandarin jamming RTI in Mandarin with a man with excited talk then Asian instrumentals and a number of promos – Weak but audible Aug 12

11785, CHINA, CNR1 at 1116 // 11640, in Mandarin jamming the VOA in Mandarin via the Philippines with a number of promos and a man with excited talk – Fair to Good Aug 12

11785, PHILIPPINES, VOA at 1117 in Mandarin with a woman and a man in interview and VOA news theme at 1119 – Fair under CNR1 jammer Aug 12

11825, CHINA, CNR3 at 1226 // 11785 in Mandarin jamming the VOA in Mandarin via Thailand with female opera vocals and a man with excited talk – Weak but audible Aug 12

11825, THAILAND, VOA at 1227 in Mandarin with two men in discussion – Weak mixing with CNR1 jammer Aug 12

13830, CHINA, CNR3 at 1248 // 11785 and 11825 in Mandarin jamming RFA in Tibetan via Tajikistan with opera vocals and a male host – Good Aug 12

15275, CHINA, CNR3 at 1310 // 11785 and 13830 in Mandarin jamming RFA in Tibetan via Tajikistan with classical instrumentals – Good Aug 12

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

CUBA - 15140, Radio Habana Cuba; 1937-1945+, 8/6; English "Focus on Africa" with peppy Kenyan music & many RHC IDs; 1945 into "Arts Roundup". SIO=3+44- with wind whistle QRM.

(Harold Frodge, Midland MI, USA, Drake R8B + 185' RW, ----- All logged by my ears, on my receiver, in real time & without the aid of a computer! -----, DXLD)

6100, Aug 8 at 0605, RHC English is VP S9-S5 and also JBM; 6000 is S9+10 but JBM somewhat distorted; 6060 is S9+10/20 with good mod; 6165 S9+20/30 with good mod. 5040 is off by now, but 5025 Rebelde is also just barely modulated at S9+10 to S7. Something's always wrong at RadioCuba.

6000, Aug 8 at 1201, RHC is S9+10 but JBM; // 6100.00 has good mod at S9+20/30, but fails to radiate from off-frequency-minus. Something's always wrong at RHC.

13660, Aug 8 at 1323, RHC is S4-S6 here and mostly readable, despite being a leapfrog mixing product another 40 kHz lower of squealy S9+10 13740 over normal S9+20 13700. But there is *no* matching leapfrog the other side on 13780; what's not with that?? Nor are there any extremely distorted FM spurblobs today out of the 13700 transmitter. Something's always wrong at RHC. (gh, DXLD)

5025, R. Rebelde at 0545. Strong, solid signal, nearly NO modulation. Can hear a M in Spanish by turning up AF gain. What is it, There is still something wrong at Radio Rebelde, as this problem was noticed by me yesterday. August 10. (Rick Barton, from Central Arizona. Grundig Satellit 205(T.5000) & 750; RS SW-2000629, & ATS-909X with various outdoor wires. WOR iog via DXLD)

15140, RHC at 1501 in Spanish with opening music and a man and woman with ID and opening announcements and a man and woman with talk from 1503 – Fair to Good with no sign of Oman Aug 12.

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

15140, Aug 12 at 1500, squealy RHC is on this early with ID and 1501 introducing Sunday Esperanto // 11760. 15140 was not on at previous check circa 1430

6100, Aug 13 at 0545, this RHC English is S9+10 but JBM; the rest of the Cuban Five are better to varying degrees: 6165, 6060, 6000, 5040. Something's always wrong at RHC.

6000, Aug 14 at 0552, this RHC English is dead air, while 6165 and 6100 have some modulation, 6060 with full modulation. Something's always wrong at RHC (gh, DXLD)

DENMARK - WMR Randers-DEN 5840 kHz is back on air again, July 31. World Music Radio (WMR) war seit Sonntag abend auf 5840 kHz "off air", aber ist jetzt wieder auf Sendung - mit 100 Watt auf 5840 kHz - 24 Stunden 7 Tage die Woche. Auch verfuegbar auf
<<http://www.wmr.radio>> and
<<https://www.facebook.com/WorldMusicRadioWMR/>>
(Stig Hartvig Nielsen-DEN, WMR, A-DX ng July 31)

EQUATORIAL GUINEA - 5005, Radio Nacional de Guinea Ecuatorial, Bata, *0508-0520, 10-08, African and pop songs. Very weak, barely audible. 15321. Also (presumed), 1840-1850*, 11-08, unusual time, extremely weak, carrier and some songs detected. Also *0508-0521, 12-08, songs. Extremely weak, barely audible. 15321
(Manuel Méndez, Lugo, Spain, Logs in Reinante, Tecsun S-8800, cable antenna, 8 meters, WOR iog via DXLD)

GUATEMALA - 4055 kHz. July 18 at 1055 UT. Radio Truth, TGAV with amateur singing "City of Gold" hymn in English, then religious chat in English; fairly good signal before our sunrises. Haven't heard a word for months about magical worldwide relays. (gh, via Swedish SWB Aug 12)

INDIA - 7550drn All India Radio, Bangalore has re-commissioned its 500 kW DRM SW transmitter with effect from 3rd August, 2018.

DRM transmissions were off air since 27th Feb 2017 as the main tube failed. Tentative schedule in DRM mode:

European Beam at 320 deg

1820-2230 UT - 7550 kHz

Japanese beam at 90 deg

2245-0045 UT - 7550 kHz

Please monitor & post your reception reports to:

<rajendiran45-at-yahoo.com> and <spectrum-manager-at-air.org.in>

On air with two programs (GOS-IV & Vividh Bharati) during check at 1840 UT, 4th August, 2018.

(Alokesh Gupta-IND, DXsindia yg and DXindia yg direct Aug 4 and via dxld Aug 7)

INDONESIA - On Sun, 29 July 2018 at 2018 UT, Alan Davies wrote:

"Here in Denpasar, Bali, about 140 km from the epicentre near the north coast of Lombok, the quake was strong enough to shake buildings and cause alarm to residents and domestic animals around 2248 UTC on 28 July (0648 local time on 29 July). From Lombok's main city on the island's west coast, Radio Republik Indonesia Mataram Pro-1 continues to operate as usual on its mediumwave frequency of 855 kHz."

There were a couple more strong quakes centred in northern Lombok this evening which were also felt strongly in Bali.

RRI Mataram 855 kHz is currently off the air, but it quite often goes silent anyway on Saturdays and/or Sundays and I don't know if its absence this time is earthquake-related or not. There are widespread power outages reported tonight around the island of Lombok, which has been hit very hard over the last couple of weeks.

(Alan Davies-INS, dxld Aug 7)

7289.92, RRI Nabire, reactivated on SW. At 0808-1026* UT on Aug 2. Decent signal, but up against summertime QRN (static). Also heard at the same time today by Dave Valko (PA-USA).

Highlights:

0808-0900: Mostly non-stop songs; very few announcements.

0900-0910: Reciting from the Qur'an.

0910-1013: Mostly non-stop songs, with ID at 0931 UT (able to only hear "Radio Republik Indonesia").

1013-1026*: Indigenous music, into monologue, till suddenly cut off.

There are probably two good reasons why this has been reactivated now. It will be recalled that August 17 is Independence Day (Hari Merdeka) in Indonesia.

Also Aug 18 through Sept 2, Jakarta and Palembang will host the 18th Asian Games

<<https://en.asiangames2018.id/>>

which will hold major sporting events. Worth checking for other re-activations this month.

(Ron Howard-CA-USA, DXplorer via wwdxc BC-DX TopNews Aug 2)

3325, Voice of Indonesia, via RRI Palangkaraya, 1300 UT, July 30. Intro to the hour in English; still with "9-5-2-5 kilohertz" frequency; news; 1319 UT, promo for the VOI 2018 quiz for free trip to Indonesia; "Commentary"; 1325-1328 UT "Today in History"; not very readable. (Ron Howard-CA-USA, dxld Aug 7)

IRAN - 7425 kHz, on August 2 at 0142 UT, almost OC, but JBM with algo. I'm hoping this will turn out to be a Greenville-B mixing product like IBB used to provide, of the pre-Vatican open carrier on 7305 kHz leapfrogging over an adjacent Radio Marti transmitter on 7365 kHz another 60 kHz higher but no, no Vatican IS or Spanish is audible by 0148 UT. Instead, HFCC reminds us it is VIRI in Arabic, 500 kW, 289 degrees from Zahedan, all the way from 1730 to 0230 UT. Now if only they can manage to modulate it. (gh, hcdx and dxld Aug 7)

KOREA SOUTH - Frequency change of Voice of Freedom on August 9:

0300-0800 on 5920 HWA 010 kW / non-dir to NEAs Korean, ex 6045
 0900-1500 on 5920 HWA 010 kW / non-dir to NEAs Korean, ex 6045
 1600-2000 on 5920 HWA 010 kW / non-dir to NEAs Korean, ex 6045
 2100-0200 on 5920 HWA 010 kW / non-dir to NEAs Korean, ex 6045
 (Ivo Ivanov, SWLDX Bulgaria News, August 9, DXLD)

Back on alternate frequency 5920.0 (stable), Voice of Freedom, ex: 6045, on Aug 9. Good reception and not jammed (ex: 6045 still with heavy N. Korea jamming). Thanks again to Amano-san for his excellent feedback as to the names of these various programs. Highlights:

1000: "Bodo gwangjang" ("News plaza"). My audio at <http://goo.gl/EcBP7G>

1010: "Nalssi ..."? ("Weather ..."). My audio at <http://goo.gl/wC3ycK>

1020: "Hanla-eseo Baegdu-kkaji" ("From Halla to Baekdu"). My audio at <http://goo.gl/zyn4Uc>

6015, KBS Hanminjok Bangsong 1, at 1009, Aug 8. Still with N. Korea jamming, but somewhat readable; three IDs; first by native speaker of English ("Now you are listening to KBS, Pops Freedom"), second in Korean ("Yeoreobuneun jigeum, Daehanminguk Seoul-e seo bonaedeurineun Pops Freedom eul mutgogyesip nida." English translation: "Now, you are listening to Pops Freedom from Seoul, South Korea") and third again in English, this time by the program's host Kwak Young il ("Now you are listening to KBS, Pops Freedom"); mostly pop songs (Icona Pop - "I Love It - I Don't Care," etc.); at 1020 the usual intro to "Everyday English" ("Yeongeodaegang Gwag-Yeong il gwa hamkkehaneun KBS Hanminjok bangsong, Pops Freedom!" English translation "Together with English captain Kwak Young il, KBS Hanminjok Banson, Pops Freedom!") language lesson ("Cigarettes are on sale. You can pay . ."). Website in Korean <<http://program.kbs.co.kr/scr/radio/popsfreedom/pc/>>

(Ron Howard, Asilomar State Beach, CA, Etón E1, antenna: 100' long wire, dxldyg via WOR 1943, DXLD)

MADAGASCAR - Madagascar World Voice African Pathways Radio August 10:

1800-1900 17640 MWV 100 kW / 310 deg WAF English tx#2, fair/good
 2000-2100 17640 MWV 100 kW / 295 deg CAF English tx#2, NO SIGNAL

Madagascar World Voice KNLS New Life Station on August 10:

1800-1900 9570 MWV 100 kW / 355 deg EEU Russian tx#1, very good
 1900-2000 9755 MWV 100 kW / 355 deg EEU Russian tx#2, very good

Reception of Madagascar World Voice Radio Feda, August 10:

1900-2000 11965 MWV 100 kW / 355 deg N/ME Arabic tx#1, very good
 2000-2100 13710 MWV 100 kW / 340 deg N/ME Arabic tx#1, very weak
 2200-2300 11790 MWV 100 kW / 325 deg NoAF Arabic tx#1, fair/good

WCB Madagascar World Voice The Light of Life on August 10:

2100-2200 11610 MWV 100 kW / 325 deg WEU Chinese tx#1, very good
 2200-2300 9490 MWV 100 kW / 055 deg EAs Chinese tx#2, fair/good
 (Ivo Ivanov, SWLDX Bulgaria News, August 10, DXLD)

SUDAN SOUTH [non] - Eye Radio: Short wave broadcasting for South Sudan was restarted for the first time in 8 months from August 1 as already reported. This station had previously performed short wave broadcasting as Sudan Radio Service. Eye Radio is continuing to broadcast under the support of the USAID International Development Agency USAID as a project of the Educational Development Center (EDC) which is a US-based NGO.

The South Sudanese government continues to block mobile phones and WiFi specific sites, and there are places that FM can not cover, and it seems that he [sic] has resumed short-wave broadcasting. Starting around 15 minutes [to?] about 25 minutes English news etc. are out. There are many local languages other than Arabic.

0400-0500 11620 MDG 250 kW Sudanese Arabic Mo-Fr
 1500-1600 15410 ISS 250 kW Sudanese Arabic Mo-Fr

Source (Google translated): <<http://hiroschi.mediakat-blog.jp/e129989.html>>
 (Alokesh Gupta-IND, cumbredx yg via dxld-GH comments, Aug 2)

MEXICO - Radio Educacion in Mexico has a new ID for their SW service, hitherto known as Radio Educacion onda corta. Senal Cultura Mexico, and/or Cultura Mexico Senal Internacional is on the air on 6185 kHz, at 2300-0555 UT. There are several web pages giving further info on this service, one of them being <<http://www.radioeducacion.gob.mx/culturamexico/index.php>>
 The new slogan has been in use for about one year. They are interested in reports, which will be answered by online QSL, said Ms Pilar Cruz in the 24th Encuentro Diexista, held 27-28 July in San Luis Potosi, Mexico. "Sintonia libre" is a letterbox programme aired Tues. Thurs and Sun at times given at <<http://www.radioeducacion.edu.mx/carta-programatica-del-mes>>
 The international service can be heard online.
 (Henrik Klemetz-SWE, via Swedish SWB and dxld Aug 12/13)

NEW ZEALAND - 13840 kHz, 6 Aug at 2140 UT, What should be RNZ in English I heard an OM in French. Reasonable signal that faded near 2200 UT. The same audio in the SDR of Pardino Brazil and in Twente The Netherlands in Europe 13840 kHz 2018-2141 UT. (Jorge Freitas.BRA, hcdx and dxld Aug 7)

It's the weekly news bulletin in French language (also aired on Sundays) from RNZ Rangitaiki of course! 2140-2147 UT every Monday. (Jean-Michel Aubier-Paris-FRA, dxld Aug 7)

PERU - 4920.9 kHz, Radio La Voz del Pueblo, Santiago de Chuco, 0425-0505 UT, 7 Aug, here in Lugo extremley weak signal, barely audible, at moments only carrier and at moments some music and comments can be heard.

Via remote SDR Kiwi Pardino, near Sao Paulo, Brazil, 4920.89 kHz, clear signal, Peruvian songs and political advertisements about the local government and the mayor of Santiago de Chuco: "Democracia Directa, Cesar Alcantara, nuestro alcalde", "Democracia Directa promueve el turismo, alcalde provincial de Santiago de Chuco", "Democracia Directa promueve la educacion y la cultura, Cesar Alcantara es garantia, Democracia Directa impulsa la salud", "Democracia Directa promueve la artesanía, Cesar Alcantara, nuestro alcalde, cumple". SINPO via SDR Kiwi Pardino 35433. The past days out of air. (Manuel Mendez-ESP, hcdx and dxld Aug 7)

ROMANIA - Radio Romania International: Tiganesti TX1 off-air

Radio Romania International's regular schedule: <<http://ab27.bplaced.net/rri.pdf>>

Since 28-Jul-2018, 1500 UT, RADIOCOM Tiganesti TX1 (300 kW) is temporarily off-air due to technical issues.

The following RRO transmissions are affected:

0000-0100 UT: Eng 9730 kHz
 0100-0200 UT: Fra 9730 kHz
 0200-0300 UT: Spa 9730 kHz
 0300-0400 UT: Eng 9730 kHz
 0400-0430 UT: Zho 17780 kHz
 0430-0500 UT: Rus 7390 kHz DRM
 0500-0530 UT: Fra 11790 kHz
 0530-0600 UT: Eng* 7330 kHz DRM
 0600-0630 UT: Deu* 7330 kHz DRM
 0630-0700 UT: Ara* 9740 kHz
 0700-0800 UT: Ron 17750 kHz/Sun
 0800-0900 UT: Ron 11990 kHz/Sun
 0900-1000 UT: Ron 15130 kHz/Sun
 1000-1100 UT: Fra* 15130 kHz
 1100-1200 UT: Eng* 15130 kHz
 1200-1230 UT: Ara 15130 kHz
 1230-1300 UT: Zho 17755 kHz
 1300-1400 UT: Rus 11940 kHz
 1400-1500 UT: Deu 11910 kHz
 1500-1530 UT: Rus 9580 kHz DRM
 1530-1600 UT: Ara 11830 kHz
 1600-1700 UT: Ron 9695 kHz
 1700-1800 UT: Eng 9760 kHz DRM

10

1800-1900 UT: Deu 6090 kHz DRM
1900-2000 UT: Spa 15670 kHz
2000-2030 UT: -
2030-2100 UT: Eng 11850 kHz
2100-2200 UT: Spa 15670 kHz
2200-2300 UT: Eng 7325 kHz
2300-2400 UT: Spa 11700 kHz

In compensation, some of these transmissions are now aired via Saftica site, latter some kilometers away, older installation of 1956 year inauguration.

(100 kW) since 01-Aug-2018:

0530-0600 UT: Eng* 7330 kHz DRM
0600-0630 UT: Deu* 7330 kHz DRM
0630-0700 UT: Ara* 9740 kHz
1000-1100 UT: Fra*15130 kHz
1100-1200 UT: Eng*15130 kHz

(Alexander Busneag-D, direct, dxld Aug 3)

From August 9, 2000 UT RADIOCOM Tiganesti tx#1 300 kW is on air again. From August 9, 2000 UT RADIOCOM Galbeni tx#2 300 kW is off air due to technical issues. The following transmissions of Radio Romania International are affected:

0000-0156	9790	300	kW	/	310	deg	ENAm	Romanian		
0200-0256	9510	300	kW	/	245	deg	SAm	Spanish		
0300-0356	9740	050	kW	/	100	deg	SAs	English	DRM	
0400-0456	7330	300	kW	/	285	deg	WEu	Romanian		
0500-0526	7330	050	kW	/	285	deg	WEu	French	DRM	
0530-0556	17760	300	kW	/	100	deg	SEAs	English		
0630-0656	11790	300	kW	/	140	deg	N/ME	Arabic		
0700-0756	11790	300	kW	/	140	deg	N/ME	Romanian	Curierul	romanesc Sun
0800-0856	11650	300	kW	/	165	deg	Eaf	Romanian	Curierul	romanesc Sun
0900-0956	11650	300	kW	/	285	deg	WEu	Romanian	Curierul	romanesc Sun
1000-1056	11650	300	kW	/	285	deg	WEu	French		
1100-1156	17670	300	kW	/	165	deg	Eaf	English		
1200-1226	11700	300	kW	/	140	deg	N/ME	Arabic		
1300-1456	11950	300	kW	/	285	deg	WEu	Romanian		
1530-1556	11900	300	kW	/	140	deg	N/ME	Arabic		
1600-1656	11975	300	kW	/	285	deg	WEu	French		
1700-1956	11975	300	kW	/	285	deg	WEu	Romanian		
2000-2026	6170	300	kW	/	285	deg	WEu	French		
2030-2056	6170	300	kW	/	300	deg	WEu	English		
2200-2256	7315	300	kW	/	300	deg	WEu	English		
2300-2356	11800	300	kW	/	280	deg	SAm	Spanish		

(Ivo Ivanov, SWLDXBulgaria News, Aug 12)

SAO TOME / USA - VOA Studio 7 has a special transmission between 1200-1500 UT on 15295sao & 17820sao for a couple of days. <<https://www.voazimbabwe.com/>>

(Mauno Ritola-FIN, on WRTH - World Radio Tv Handbook F_B, BrDXC-UK ng 1 Aug)

Seemingly back on, now at 1730z. Strong signal in the middle of the 40m ham band. Some talks in local language, good modulation. No ID heard. From 1730z local style music.

(Harald Kuhl-D, BrDXC-UK ng Aug 2)

Fair to good signal using the U. Twente SDR receiver both today (2 August) and yesterday between about 1500 and 1600 UT. Today, sign-on was a couple of minutes late and English started at 1513 UT with two pips and "Live from Juba" (perhaps recorded live but not transmitted on SW live) announcement and ID followed by Eye Radio News, running until 1523 UT. Subsequently, there was an interview program about South Sudan's peace agreement with a lot of English. Transmitter off at about 1559 UT. SW programming likely excerpted from local FM and streaming services. (Richard Langley-NB-CAN, dxld Aug 3)

If there is anything about this special, let alone regular Studio 7 schedule, it is well hidden on the voazimbabwe website. Who cares about SW?

The WRTH update in May had this:

BBG - VOA STUDIO 7 (Gov)

kHz: 909, 4930, 6040, 7270, 9885, 15460

Summer Schedule 2018

English/Ndebele/Shona Days Area kHz

0400-0500 mtwtf.. ZWE 909bot, 4930bot, 7270sao, 9885kwt

1700-1800 daily ZWE 909bot, 4930bot, 6040bot, 15460sao

1800-1900 mtwtf.. ZWE 909bot, 4930bot, 6040sao, 15460sao

And there was nothing further in the July 12 update. In North America beyond the Greenville skip zone, one may listen to the VOA Africa service, daily 1700-1830 UT full sesquihour in English on 17530 kHz. The only English remaining from VOA GB.

(gh, hcdx and dxld Aug 2)

SWAZILAND (ESWATINI) - Reception of Trans World Radio Africa in 19mb on August 7:

1400-1415 on 15360 MAN 100 kW / 043 deg to SAs Urdu Daily, very good

1557-1627 on 15105 MAN 100 kW / 013 deg to SAf Kirundi Mo-Fr, strong

(Ivo Ivanov, SWLDX Bulgaria News, August 7, DXLD)

SWAZILAND [non] - Trans World Radio Africa via BaBcoCk Grigoriopol, August 7:

1628-1629 11780 KCH 300 kW / 160 deg to EaAf TWR Eu Interval Signal,

1629-1700 11780 KCH 300 kW / 160 deg to EaAf Somali Daily, very good

1800-1845 9940 KCH 300 kW / 157 deg to EaAf Tigrinya Mo-Th, strong

(Ivo Ivanov, SWLDX Bulgaria News, August 7, DXLD)

TAIWAN - RTI-HKO Info 2018-10 Direktsendungen via Tamsui:

Offizielle Sendetermine:

17-18 UT auf 11990 kHz; sowie 18-19 UT auf 9700 kHz:

24. August (Freitag) / analog

25. August (Samstag) / analog

26. August (Sonntag) / DRM mode

31. August (Freitag) / analog

01. September (Samstag) / analog

02. September (Sonntag) / analog

07. September (Freitag) / analog

08. September (Samstag) / analog

09. September (Sonntag) / DRM mode

27. September (Donnerst) / analog >>>>>>>> (90 Jahre RTI)

28. September (Freitag) / analog (90 Jahre RTI)

29. September (Samstag) / analog

(Bernd Seiser-D, via Mike Bethge-D via wwdxc BC-DX TopNews Aug 4)

U.S.A. - 5130.267v kHz, July 19 at 0606 UT, WBCQ BS way up here instead of usual offset to the minus side circa 5129.83v. // 9330.152v kHz.

9330.138v kHz, July 20 at 0436 UT, WBCQ is dead air instead of BS; next check at 1307 UT, still/again dead air at S9/S=9+10dB on 9330.104v kHz; BS is back by 1343 UT. (9330v kHz did not air WOR at 2330 UT July 19 or 20).

(7490 kHz), UT Saturday July 21 from 0000 UT, after previous live show hangs up phone, 'Allan Weiner Worldwide' starts on WBCQ webcast. I listen a bit; seems Angela has a lot to say tonight, rather than usually in the background. Still going past 0100 UT with e-mail, finishes with benedixion by AW and over to Blalock at 0104 UT. A fuller report from John Carver:

"Tonight's AWWW Listening on 7490 kHz yet again. Show started on time this evening. Allan and a very animated Angela in studio one. Opening talk about telephones.

First phone call at 0006 UT from Ramsey fueling the telephone discussion. Angela talked about the good old days when one could slam down the phone receiver in anger or disgust and not worry about breaking the phone. Apparently Allan threw his phone down yesterday which prompted this evening's discussion.

At 0018 UT a phone call from Pirate Joe continuing the phone topic of this evening's show. Very long discussion which covered phone types, texting, emails etc. Lots of talk about texting, which prompted a brief discussion on whether we were going forward or backward with the technology as the point was made as the technology increases, we actually spend less time talking with each other and revert to texting and emails. This morphed into a discussion of the perceived value of things and touched on silver and gold and several metals and the evils of digital money and digital money manipulation.

Another brief phone call at 0047 UT halted the previous discussions. Phone call at 0050 UT took off in another direction and talked of noise, especially digital noise on radio and the FCC's refusal to address the problem. Prompted the caller to call the FCC another rogue government agency. Discussion ended in the middle with promises to continue it next week. Allan attempted to browse the emails at 0100 UT. One email stated that the writer missed having Brother Stair on after AWWW as Allan never had qualms about running the show over when Brother Stair was on.

Quick prayer and show was off the air at 0109 UT. Very interesting program tonight with some provocative discussions and a very animated Angela. John Mid-North Indiana".
(gh, hcdx and dxld July 24)

7490 kHz, WBCQ at 2102 UT with "Marion's Attic" obscure and eccentric music program with Marion Webster and Kristina - Good July 22 [Sunday]

A very interesting weekend on the bands to say the least. Yesterday (Saturday) we had unsettled band conditions and a lot of stations normally heard well were just fair at best. Today we had a three-hour interruption in our hydro (electrical) service. I do have the ability to transfer my transceivers over to deep cycle RV batteries so I lost no time in DXing.
(Mark Coady-Ont-CAN, via dxld July 24)

7490.03v kHz, UT Monday July 23 at 0025 UT, WBCQ amid an 'Allan Weiner Worldwide' repeat. Says painkillers helped when he had cancer but only temporarily; "rants" about legalizing and taxing all drugs. Conveniently gives original airdate of 23 February 2018, disses "fake CNN" seen in cruise cabin. (gh, hcdx and dxld July 24)

15809.93 kHz, July 30 at 0000 UT, WTWW-3 must be the JBA off-frequency signal here on sporadic appearances. Unfortunately, no sporadic E now to boost it to audibility. (gh, hcdx and dxld July 30)

AWR's Wavescan testing in DRM starting Aug 3rd - Mondays and Fridays 1630-1700 UT on 15670 kHz. @SWWINB will QSL, especially looking for audio files (you can record with Dream) of reception, reports to:
<winb40th -at- yahoo.com>

Unique Radio testing on WINB DRM mode.

WINB tweeted: Unique Radio will be testing on WINB DRM - on 1100-1200 UT at 15670 kHz August 3, 10, 17, 24, and 31st. Directed to Western Europe and North Africa. Will QSL for audio reports sent to
<winb40th -at- yahoo.com>

Dream receiver has a button to record a .wav file.

(via Mike Terry-UK, BrDXC-UK ng July 29)

Dear VORW Radio Listeners,

Happy August! In today's newsletter I will be addressing a number of schedule changes, unfortunately a good number of broadcasts have been discontinued due to lack of funding. Donations to keep this program on the air are always appreciated via PayPal to <vorwinfo -at- gmail.com>

Our main change is that the broadcast via WBCQ on 7490 kHz, previously at 5 PM Eastern (21 UT) every Thursday is now at 9 PM Eastern every Thursday (01 UT Friday).

*All broadcasts to Europe and North America on Saturdays and Sundays are cancelled. *

The current broadcast schedule is below! VORW Radio Int. is a weekly light entertainment radio show, featuring miscellaneous talk and listener-requested music. It's a laid back program where you can hear music of all genres and eras and even learn a thing or two about the songs and artists played! You can listen in regularly or infrequently and still be able to perfectly follow the show.

Thursday UTC:

1000 UTC - 5950 kHz to Western North America

2000 UTC - 7780 kHz, 5950 kHz to North America

2200 UTC - 9955 kHz, 5950 kHz to South America

Friday UTC:

0000 UTC - 7730 kHz to Western North America
 0000 UTC - 9395 kHz to Eastern North America
 0100 UTC - 5850 kHz, 7780 kHz to North America
 0100 UTC - 7490 kHz to Eastern North America

Friday UTC::

0400 UTC - 7730 kHz to Western North America
 2100 UTC - 9955 kHz to South America

Please send correspondence to <vorwinfo -at- gmail.com>
 (jordan.heyburn, direct and via dxld Aug 1)

NIST FY2019 budget includes request to shutdown WWV and WWVH.
 Many thanks to a number of SWLing Post readers who have pointed out the NIST 2019 Presidential Budget request which has now been posted online and includes a desired reduction of:

"\$6.3 million supporting fundamental measurement dissemination, including the shutdown of NIST radio stations in Colorado and Hawaii"

I've always considered WWV and WWVH to be the heartbeat of the shortwaves here in North America—a constant, timely companion and brilliant gauge of HF propagation. Indeed, on a personal note, WWV was actually the first station I ever remember hearing on shortwave.

I assumed both stations would be some of the last to go silent on the shortwaves.

No doubt, I find this budget request very disappointing. Let's hope, somehow, this does not come to fruition. We will certainly post any/all updates here on the SWLing Post.

<<https://swling.com/blog/2018/08/nist-fy2019-budget-includes-request-to-shutdown-wwv-and-wwvh/>>

WWVH is the callsign of the U.S. National Institute of Standards and Technology's shortwave radio time signal station in Kekaha, on the island of Kauai in the state of Hawaii. Coordinates: 21 59 16 N 159 45 47 W

WWVH is the Pacific sister station to WWV, and has a similar broadcast format. Like WWV, WWVH's main function is the dissemination of official U.S. Government time, through exactly the same methods as found on WWV's signal.

To minimize interference with the WWV broadcasts on the same frequencies, WWVH's broadcasts on 5, 10 and 15 MHz are directional, pointed primarily west. Despite this strategy, in certain places, particularly on the west coast of North America; and at certain times, due to ionospheric conditions, the listener can actually hear both WWV and WWVH on the same frequency at the same time. The information modulated on the carrier is modified to reduce confusion if both are received simultaneously. In particular, voice announcements on one correspond to silent periods on the other. WWVH uses a female voice to distinguish itself from WWV, which uses a male voice. WWVH time signals can also be accessed by telephone. (Wikipedia)

(SWLing Post via Mike Terry-UK, BrDXC-UK news Aug 11)

9265V kHz, on August 4 at 1637 UT, WINB with gospel huxter in English, carrier still very wobbly, and also at 2202 UT recheck. Despite publicity that Unique Radio, Australia, would broadcast via WINB today at 11-13 UT, not checked here, but per Richard Langley, and Tim Gaynor himself via Bruce Churchill, it was a no-show. Next Saturday?

Richard Langley says:

"Nothing apparently wrong with the transmitter. They signed on just before 1330 UT with ID and anthem and the "Apostolic Witness Radio Broadcast" the usual Saturday start of broadcasting. I guess someone forgot to modify the payout software or come in early to air the program manually"

WINB said Unique Radio would also be testing every Friday in August at 1100-1200 UT on 15670 kHz DRM mode; I have seen no reports of anyone hearing that on August 3.

(gh, hcdx and dxld Aug 7)

Perhaps the DRM transmitter is still off the air. On 30 July, WINB tweeted: "Bad news, our DRM tx went down this morning and we had to order a part. Sadly, we will have to reschedule the IBC test for Aug 1st and maybe some others. Will let you know when we are back up." Haven't seen the follow-up tweet yet.

(Richard Langley-NB-CAN, dxld Aug 7)

5050, UT Monday August 6 at 0156 UT, WWRB is S=9+30dB with screaming gospel huxtress; is only on UT Sun & Mon, or also UT Tue? Should always check for second harmonic 10100 kHz as once logged, but not heard since July 15. (gh, hcdx and dxld Aug 7)

15555/USB mode, WJHR Milton FL (presumed); 2057-2105+ UT on Aug 2; Religihuxter huxtering about Adam, Eve, Cain, Abel & being saved; to be saved "blood must be shed". When he's on a roll, he sounds like the drill sergeant in Full Metal Jacket. Said he sent off for (Patently Pointless & Provocatively Predatory) Peter Popoff's packet of Miracle Spring Water and discovered after opening it that you have to send 35\$ to have it "activated". These dufuses rank right up there in usefulness with the Pakistani computer tech dudes that are always calling ... and calling ... and calling. SIO=354-. (Harold Frodge-MI-USA, dxld Aug 7)

15555-USB mode, Aug 13 at 1418 UT, the WJHR gospel huxter is audible only at S0-S2; not always audible at all, so it is erratically on air or just due to propagation?

Benn Kobb says, "Hi Glenn, DXLD 1831 included a remark from WJHR, Milton FL (via Australian DX News) that "We just moved the station to a new location and installed a new directional Yagi antenna".

Such changes typically require formal application to FCC.

You asked: "So what is the new location and has the FCC authorized it or even been notified?" My inquiry to the FCC International Bureau, which licenses domestic SW stations, was answered on August 10, 2018 as copied below.

- - -

"Mr. Kobb, We have communicated with George Mock of WJHR and he states that they have not made any changes. Tom Lucey, FCC""

Altho it was recently received as an e-QSL, the remark might have been written years ago, unspecified. It seems that FCC remains unconcerned that as is obvious to any casual monitor, WJHR cannot be running the required 50 kW minimum power. (gh, hcdx and dxld Aug 13)

17775 kHz, on Aug 8 at 1334 UT, KVOH is already on way early before nominal *1400, with praise music in Spanish, S8 and building. Propagation varies widely; some days JBA after 1400 UT. Websked at <http://www.voiceofhope.com/schedule/kvoh_program_grid.pdf> still claims to start SW at 1400 UT, but webstream is always running with Spanish or English available if they turn on transmitter elsewhen. (gh, hcdx and dxld Aug 8)

15665-15670-15675 kHz, Monday Aug 13 at 1417 UT, WINB DRM is certainly back on. The noise is very strange, however, a much different, "rougher" sound on the lower side than the upper side. Maybe has something to do with splitting/combining data and audio transmissions. (gh, hcdx and dxld Aug 13)

Tweeted by WINB two hours ago: "We are back DRM today, but will be off tomorrow. We are switching the service with the power company and putting in a new balun at the same time. We should be on for Wednesday and remain on." (Richard Langley-NB-CAN, dxld Aug 13)

5129.928 kHz, Aug 12 at 0058 UT, WBCQ Area 51 talking about Bob, "Church of the Subgenius Hour of Slack", an erstwhile gospel huxter parody, discussing whether this be episode 343 or 344 or 343 and a half. Recheck at 0325 UT, has drifted slightly to 5129.940 kHz, both about 0.1 kHz higher than usual spot. (Glenn Hauser-OK-USA, hcdx and dxld Aug 12)

U.S.A. / CUBA - "Ueber solche (vermeintliche) Symbolik hinaus geht es dann bei der konkreten Frequenz 11860 kHz, die in den Zeitbloeken 0900-1200 und 1600-0100 UT zusaetzlich zum Einsatz kommen soll: Hier sendet bereits Radio Habana Cuba, der kubanische Auslandshoerfunk."

Bei EIBI, AOKI und HFCC sehe ich aktuell keinen Eintrag fuer Cuba auf 11860 kHz. {was 15370 kHz in A-17 season}

Heute, am Sonntag dem 12.08, noch interferenzfrei:

11860 Republic of Yemen Radio 0856-0657 1234567 Arabic 50 ND Jeddah ARS mit O=3 und S=4 in LSB. (Herbert Meixner-AUT, A-DX ng Aug 12)

U.S.A. [non] / NZL - 7505v, July 31 at 0139 & 0559 UT, WRNO is off tonight. But plenty 40mb to hear at 0559 UT, neat Bell Bird IS from NZ opening on 7425 kHz, and opening percussion IS on 7254.9+ kHz from Nigeria, q.v. (gh, hcdx and dxld July 31)

UZBEKISTAN - Radio Free North Korea & Voice of Wilderness via Tashkent, Aug 9:

1200-1300 15630 TAC 100 kW 76 deg Korean Radio Free North Korea, good
 1330-1530 7625 TAC 100 kW 70 deg Korean Voice of Wilderness, fair

North Korea Reform Radio & Voice of Martyrs via Tashkent, Aug 9:

1430-1530 7580 TAC 100 kW 76 deg Korean N Korea Reform Radio, good
 1530-1600 7505 TAC 100 kW 76 deg Korean V of Martyrs, fair signal

Reception of BV Broadcasting via Tashkent, Aug 12:

1130-1200 15640 TAC 100 kW 76 deg to EAs English Sun, very good

Reception of Adventist World Radio AWR via RRTM RED Telecom Tashkent, on Aug 14:

till 1330 on 9955 TAC 100 kW 131 deg to SEAs 35 seconds Chinese Voice of Tibet
 1330-1400 on 9955 TAC 100 kW 131 deg to SEAs Indonesian Mo/Tue/Sa, very good
 Same time on 9955 TAC 100 kW 131 deg to SoEaAS Hmong Thu/Fri & Assamese Sun/Wed.
 (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Aug 9 / 12 / 14)

VATICAN STATE - Received an electronic QSL from Radio Vaticana (Vatican News) for the reception in Russian language - March 4, 1230-1259 UT at the frequency of 7330 kHz. The report was sent by e-mail:

<commerciale -at- spc.va> On the card - photo studio Vatican News.

(DK Dmitry Kutuzov, Ryazan-RUS "deneb-radio-dx" via RUSdx #989 via wwdxc BC-DX TopNews Aug 12)

Voice of America via Santa Maria di Galeria on August 13:

1027-1030 15620 SMG 250 kW / 139 deg EaAf Music of other VOA prgr.
 1030-1100 15620 SMG 250 kW / 139 deg EaAf Somali, very good signal
 1030-1100 17775 SMG 250 kW / 130 deg EaAf Somali, very good signal
 (Ivo Ivanov, SWLDXBulgaria News, August 13, DXLD)

CLANDESTINE

Updated summer A-18 schedule of clandestine broadcasts, Aug. 18

Al-Azm Radio

0000-2400 on 11745 JED or RIY / unknown to N/ME Arabic

Radio Republica

0100-0300 on 9490 ISS 150 kW / 285 deg to Cuba Spanish

Voice of Kashmir

0230-0330 on 6030 DEL 100 kW / non-dir to SAs Kashmiri

Dengê Welat

0230-0500 on 9525 ISS 250 kW / 090 deg to WAs Kurdish

Radio Republica

0300-0400 on 9490 ISS 150 kW / 285 deg to Cuba Spanish Su/Mo

Voice of Freedom

0300-0800 on 5920 HWA 010 kW / non-dir to NEAs Korean

Radio Tamazuj

0330-0430 on 7315 ISS 250 kW / 138 deg to Eaf Juba Arabic

0330-0430 on 9600 ISS 250 kW / 138 deg to Eaf Juba Arabic

0330-0430 on 11650 MDG 250 kW / 340 deg to Eaf Juba Arabic

Eye Radio

0400-0500 on 11620 MDG 250 kW / 335 deg to Eaf Juba Arabic/English* Mo-Fr

* including other languages: Dinka; Nuer; Shilluk; Bari; Zande and Lutoho

Radio Dabanga

0430-0500 on 7315 ISS 250 kW / 138 deg to Eaf Juba Arabic

0430-0500 on 9600 ISS 250 kW / 138 deg to Eaf Juba Arabic

16

0430-0500 on 13800 MDG 250 kW / 335 deg to EAF Juba Arabic

Echo of Unification

0400-0600 on 3966vCNG 005 kW / non-dir to NEAs Korean

0400-0600 on 5905 PYO 100 kW / non-dir to NEAs Korean

0400-0600 on 6250 PYO 100 kW / non-dir to NEAs Korean

Radio International

0500-0600 on 5960 ASC 250 kW / 065 deg to WAF Kanuri

Dandal Kura Radio International

0500-0600 on 7220 ISS 100 kW / 167 deg to CAF Kanuri

Dengê Welat

0500-0600 on 11530 ISS 250 kW / 090 deg to WAs Kurdish

Voice of The People

0530-2330 on 3480 K-S 050 kW / non-dir to NEAs Korean

0530-2330 on 3910 K-S 050 kW / non-dir to NEAs Korean

0530-2330 on 3930 K-S 050 kW / non-dir to NEAs Korean

0530-2330 on 4450 K-S 050 kW / non-dir to NEAs Korean

0530-2330 on 6520 K-S 050 kW / non-dir to NEAs Korean

0530-2330 on 6600 K-S 050 kW / non-dir to NEAs Korean

Radio International

0600-0700 on 7415 ASC 250 kW / 065 deg to WAF Kanuri

Dandal Kura Radio International

0600-0700 on 11910 ISS 100 kW / 167 deg to CAF Kanuri

Dengê Welat

0600-1500 on 11530 KCH 300 kW / 130 deg to WAs Kurdish

Echo of Hope

0600-2400 on 3985 HWA 100 kW / non-dir to NEAs Korean

0600-2400 on 4885 SEO 100 kW / non-dir to NEAs Korean

0600-2400 on 5995 HWA 100 kW / non-dir to NEAs Korean

0600-2400 on 6250 SEO 010 kW / 010 deg to NEAs Korean

0600-2400 on 6350 HWA 100 kW / non-dir to NEAs Korean

0600-2400 on 9100 SEO 010 kW / 010 deg to NEAs Korean

Radio International

0700-0800 on 13810 WOF 250 kW / 165 deg to WAF Kanuri/French

Voice of Kashmir

0730-0830 on 6100 DEL 250 kW / 134 deg to SAs Kashmiri

Voice of Freedom

0900-1500 on 5920 HWA 010 kW / non-dir to NEAs Korean

Republic of Yemen Radio

0900-0700 on 11860 JED or RIY / unknown to N/ME Arabic

Suab Xaa Moo Zoo, Voice of Hope

1130-1200 on 7530 TSH 100 kW / 250 deg to SEAs Hmong

Echo of Unification

1200-1400 on 3966vCNG 005 kW / non-dir to NEAs Korean

1200-1400 on 5905 PYO 100 kW / non-dir to NEAs Korean

1200-1400 on 6250 PYO 100 kW / non-dir to NEAs Korean

Voice of Tibet

1200-1205 on 11653 DB 100 kW / 095 deg to EaAs Chinese

1205-1230 on 11644 DB 100 kW / 095 deg to EAs Chinese

Radio ERGO

1200-1300 on 17845 DHA 250 kW / 225 deg to Eaf Somali

Radio Que Me

1200-1230 on 9930 HBN 100 kW / 318 deg to EAs Vietnamese Fri

Voice of Tibet

1230-1235 on 11604 DB 100 kW / 131 deg to CAs Tibetan

1235-1300 on 11601 DB 100 kW / 131 deg to CAs Tibetan

National Unity Radio

1200-1500 on 9885 DB 100 kW / 071 deg to NEAs Korean

Radio Free North Korea

1200-1300 on 15630 TAC 100 kW / 076 deg to NEAs Korean

Voice of Tibet

1300-1305 on 11623 DB 100 kW / 095 deg to EAs Chinese

1305-1330 on 11614 DB 100 kW / 095 deg to EAs Chinese

Shiokaze Sea Breeze

1300-1330 on 6165 YAM 300 kW / 280 deg to NEAs Chinese Mo

1300-1330 on 6165 YAM 300 kW / 280 deg to NEAs Japanese Tue

1300-1330 on 6165 YAM 300 kW / 280 deg to NEAs Korean Wed

1300-1330 on 6165 YAM 300 kW / 280 deg to NEAs English Thu

1300-1330 on 6165 YAM 300 kW / 280 deg to NEAs Korean Fr

1300-1330 on 6165 YAM 300 kW / 280 deg to NEAs Japanese Sa

1300-1330 on 6165 YAM 300 kW / 280 deg to NEAs Korean Su

Voice of Tibet

1300-1305 on 9877 DB 100 kW / 131 deg to CAs Tibetan

1305-1400 on 9876 DB 100 kW / 131 deg to CAs Tibetan

1330-1400 on 9896 DB 100 kW / 131 deg to CAs Tibetan

Nippon no Kaze

1300-1330 on 9465 TSH 300 kW / 002 deg to NEAs Korean

1300-1330 on 9900 TSH 300 kW / 352 deg to NEAs Korean

1300-1330 on 9940 TSH 100 kW / 002 deg to NEAs Korean

Shiokaze Sea Breeze

1330-1400 on 7215 YAM 300 kW / 280 deg to NEAs Korean Mo

1330-1400 on 7215 YAM 300 kW / 280 deg to NEAs Japanese Tue

1330-1400 on 7215 YAM 300 kW / 280 deg to NEAs Korean Wed

1330-1400 on 7215 YAM 300 kW / 280 deg to NEAs English Thu

1330-1400 on 7215 YAM 300 kW / 280 deg to NEAs Korean Fr

1330-1400 on 7215 YAM 300 kW / 280 deg to NEAs Korean Sa

1330-1400 on 7215 YAM 300 kW / 280 deg to NEAs Japanese Su

Voice of Wilderness

1330-1530 on 7625 TAC 100 kW / 070 deg to NEAs Korean

Furusato no Kaze

1330-1400 on 9705 TSH 300 kW / 002 deg to NEAs Japanese

1330-1400 on 9455 TSH 300 kW / 352 deg to NEAs Japanese

1330-1400 on 9950 TSH 100 kW / 002 deg to NEAs Japanese

Furusato no Kaze

1405-1435 on 7325 YAM 300 kW / 280 deg to NEAs Japanese

Voice of Kashmir

1430-1530 on 6030 DEL 100 kW / non-dir to SAs Kashmiri

North Korea Reform Radio

1430-1530 on 7580 TAC 100 kW / 076 deg to NEAs Korean

Furusato no Kaze

1430-1500 on 9450 TSH 300 kW / 352 deg to NEAs Japanese

1430-1500 on 9560 TSH 300 kW / 002 deg to NEAs Japanese

1430-1500 on 9960 HBN 100 kW / 345 deg to NEAs Japanese

Living Water Ministry Broadcasting

1500-1600 on 9470 DB 100 kW / 071 deg to NEAs Korean Tue-Thu

1500-1530 on 9470 DB 100 kW / 071 deg to NEAs Korean Fr

Nippon no Kaze

1500-1530 on 7335 TSH 300 kW / 352 deg to NEAs Korean

1500-1530 on 9685 TSH 300 kW / 002 deg to NEAs Korean

1500-1530 on 9975 HBN 100 kW / 345 deg to NEAs Korean

Eye Radio

1500-1600 on 15410 ISS 250 kW / 139 deg to Eaf Juba Arabic/English* Mo-Fr

* including other languages: Dinka; Nuer; Shilluk; Bari; Zande and Lutoho

Radio Tamazuj

1500-1530 on 15150 MDG 250 kW / 340 deg to Eaf Juba Arabic

1500-1530 on 15550 SMG 250 kW / 150 deg to Eaf Juba Arabic

Dengê Welat

1500-2100 on 11530 ISS 250 kW / 090 deg to WeAs Kurdish

Voice of Martyrs

1530-1600 on 7505 TAC 100 kW / 076 deg to NEAs Korean

Nippon no Kaze

1530-1600 on 7335 TSH 300 kW / 352 deg to NEAs Korean

1530-1600 on 9685 TSH 300 kW / 002 deg to NEAs Korean

1530-1600 on 9965 HBN 100 kW / 345 deg to NEAs Korean

Radio Dabanga

1530-1630 on 15150 MDG 250 kW / 340 deg to Eaf Juba Arabic

1530-1630 on 15550 ISS 250 kW / 138 deg to Eaf Juba Arabic

Shiokaze Sea Breeze

1600-1630 on 7215 YAM 300 kW / 280 deg to NEAs Chinese Mo

1600-1630 on 7215 YAM 300 kW / 280 deg to NEAs Japanese Tue

1600-1630 on 7215 YAM 300 kW / 280 deg to NEAs Korean Wed

1600-1630 on 7215 YAM 300 kW / 280 deg to NEAs English Thu

1600-1630 on 7215 YAM 300 kW / 280 deg to NEAs Korean Fr

1600-1630 on 7215 YAM 300 kW / 280 deg to NEAs Japanese Sa

1600-1630 on 7215 YAM 300 kW / 280 deg to NEAs Korean Su

Furusato no Kaze

1600-1630 on 7335 TSH 300 kW / 352 deg to NEAs Japanese

1600-1630 on 9470 TSH 300 kW / 002 deg to NEAs Japanese

1600-1630 on 9960 HBN 100 kW / 345 deg to NEAs Japanese

Radio Ranginkaman/Radio Rainbow

1600-1630 on 7580 TAC 100 kW / 236 deg to WeAs Farsi Mo/Fr

Radio Xoriyo Ogaden

1600-1630 on 17770 ISS 500 kW / 130 deg to Eaf Somali Mo/Fr

1600-1630 on 17630 ISS 500 kW / 130 deg to Eaf Somali Tue/Sa

Radio Voice of Independent Oromiya

1600-1630 on 17850 ISS 250 kW / 130 deg to Eaf Oromo Su

Voice of Freedom

1600-2000 on 5920 HWA 010 kW / non-dir to NEAs Korean

Shiokaze Sea Breeze

1630-1700 on 6165 YAM 300 kW / 280 deg to NEAs Korean Mo
 1630-1700 on 6165 YAM 300 kW / 280 deg to NEAs Japanese Tue
 1630-1700 on 6165 YAM 300 kW / 280 deg to NEAs Korean Wed
 1630-1700 on 6165 YAM 300 kW / 280 deg to NEAs English Thu
 1630-1700 on 6165 YAM 300 kW / 280 deg to NEAs Korean Fr
 1630-1700 on 6165 YAM 300 kW / 280 deg to NEAs Korean Sa
 1630-1700 on 6165 YAM 300 kW / 280 deg to NEAs Japanese Su

Nippon no Kaze

1630-1700 on 7335 TSH 300 kW / 352 deg to NEAs Korean

Furusato no Kaze

1700-1730 on 6155 TSH 300 kW / 352 deg to NEAs Japanese

Voice of Oromo Liberation

1700-1730 on 15420 NAU 100 kW / 139 deg to Eaf Afan Oromo Wed/Fr/Su

Dimtse Radio Erena

1700-1800 on 9720 SCB 050 kW / 195 deg to Eaf Tigrinya/Arabic Mo-Fr
 1700-1800 on 9720 SCB 050 kW / 195 deg to Eaf Tigrinya Sa
 1700-1800 on 9720 SCB 050 kW / 195 deg to Eaf Arabic Su

Voice of Amara Radio

1700-1800 on 15360 ISS 250 kW / 120 deg to Eaf Amharic Sa-Mo/Wed

Voice of Oromo Liberation

1730-1800 on 15420 NAU 100 kW / 139 deg to Eaf Amharic Wed

Radio Nigeria Hausa Sce/Radio Na Gaskiya / Radio of Truth

1800-1900 on 15110 SCB 050 kW / 195 deg to Waf Hausa

Dandal Kura Radio International

1800-2000 on 11830 ISS 100 kW / 167 deg to Caf Kanuri

Radio International

1800-2100 on 12050 ASC 250 kW / 065 deg to Waf Kanuri

Radio Itahuka

1800-1900 on 15420 MDG 250 kW / 320 deg to Saf Kirundi Sa

Lutheran World Federation Voice of Gospel(Sawtu Linjilia)

1830-1900 on 15315 ISS 500 kW / 180 deg to Wcaf Fulfulde

North Korea Reform Radio

2030-2130 on 7495 TAC 100 kW / 076 deg to NEAs Korean

Voice of Freedom

2100-0200 on 5920 HWA 010 kW / non-dir to NEAs Korean

Echo of Unification

2200-2400 on 3966vCNG 005 kW / non-dir to NEAs Korean
 2200-2400 on 5905 PYO 100 kW / non-dir to NEAs Korean
 2200-2400 on 6250 PYO 100 kW / non-dir to NEAs Korean

Suab Xaa Moo Zoo, Voice of Hope

2230-2300 on 7530 TSH 100 kW / 250 deg to SEAs Hmong

Voice of Tibet

2300-2307 on 7483 DB 100 kW / 131 deg to CAs Tibetan

2307-2330 on 7498 DB 100 kW / 131 deg to CAs Tibetan
 2330-2337 on 7493 DB 100 kW / 131 deg to CAs Tibetan
 2337-2400 on 7498 DB 100 kW / 131 deg to CAs Tibetan

SOH Xi Wang Zhi Sheng-RFA relay, low powered, time vary

0000-2400 on 6230 unknown kW / non-dir to EAs Chinese
 0000-2400 on 6280 unknown kW / non-dir to EAs Chinese
 0000-2400 on 6370 unknown kW / non-dir to EAs Chinese
 0000-2400 on 6730 unknown kW / non-dir to EAs Chinese
 0000-2400 on 6870 unknown kW / non-dir to EAs Chinese
 0000-2400 on 6900 unknown kW / non-dir to EAs Chinese
 0000-2400 on 7210 unknown kW / non-dir to EAs Chinese
 0000-2400 on 7280 unknown kW / non-dir to EAs Chinese
 0000-2400 on 7310 unknown kW / non-dir to EAs Chinese
 0700-0100 on 7600 unknown kW / non-dir to EAs Chinese
 0000-2400 on 7730 unknown kW / non-dir to EAs Chinese
 0000-2400 on 7800 unknown kW / non-dir to EAs Chinese
 2100-1600 on 9100 unknown kW / non-dir to EAs Chinese
 0800-2300 on 9155 unknown kW / non-dir to EAs Chinese
 2200-1700 on 9180 unknown kW / non-dir to EAs Chinese
 2200-1500 on 9200 unknown kW / non-dir to EAs Chinese
 0100-1600 on 9230 unknown kW / non-dir to EAs Chinese
 1100-1600 on 9255 unknown kW / non-dir to EAs Chinese
 2200-1700 on 9280 unknown kW / non-dir to EAs Chinese
 0000-1700 on 9320 unknown kW / non-dir to EAs Chinese
 1000-0300 on 9360 unknown kW / non-dir to EAs Chinese
 2200-1800 on 9540 unknown kW / non-dir to EAs Chinese
 2200-1700 on 9635 unknown kW / non-dir to EAs Chinese
 2100-1700 on 9730 unknown kW / non-dir to EAs Chinese
 2100-1600 on 9850 unknown kW / non-dir to EAs Chinese
 2200-1700 on 9920 unknown kW / non-dir to EAs Chinese
 2200-1700 on 9970 unknown kW / non-dir to EAs Chinese
 2200-1700 on 10820 unknown kW / non-dir to EAs Chinese
 2100-1700 on 10870 unknown kW / non-dir to EAs Chinese
 2100-1800 on 10920 unknown kW / non-dir to EAs Chinese
 2100-1700 on 10960 unknown kW / non-dir to EAs Chinese
 2200-1700 on 11070 unknown kW / non-dir to EAs Chinese
 2200-1600 on 11100 unknown kW / non-dir to EAs Chinese
 2200-1700 on 11150 unknown kW / non-dir to EAs Chinese
 2100-1700 on 11300 unknown kW / non-dir to EAs Chinese
 2100-1700 on 11410 unknown kW / non-dir to EAs Chinese
 2100-1700 on 11440 unknown kW / non-dir to EAs Chinese
 2100-1700 on 11460 unknown kW / non-dir to EAs Chinese
 2000-1700 on 11500 unknown kW / non-dir to EAs Chinese
 2000-1600 on 11530 unknown kW / non-dir to EAs Chinese
 2300-1600 on 11580 unknown kW / non-dir to EAs Chinese
 0000-1600 on 11600 unknown kW / non-dir to EAs Chinese
 2100-1700 on 11715 unknown kW / non-dir to EAs Chinese
 2100-1500 on 11765 unknown kW / non-dir to EAs Chinese
 2100-1800 on 11775 unknown kW / non-dir to EAs Chinese
 2100-1700 on 11970 unknown kW / non-dir to EAs Chinese
 2100-1700 on 12150 unknown kW / non-dir to EAs Chinese
 2100-1700 on 12170 unknown kW / non-dir to EAs Chinese
 0000-1600 on 12190 unknown kW / non-dir to EAs Chinese
 2100-1700 on 12230 unknown kW / non-dir to EAs Chinese
 2100-1500 on 12345 unknown kW / non-dir to EAs Chinese
 2100-1600 on 12370 unknown kW / non-dir to EAs Chinese
 2100-1600 on 12430 unknown kW / non-dir to EAs Chinese
 2100-1700 on 12500 unknown kW / non-dir to EAs Chinese
 2100-1700 on 12560 unknown kW / non-dir to EAs Chinese
 2100-1400 on 12775 unknown kW / non-dir to EAs Chinese
 2100-1600 on 12800 unknown kW / non-dir to EAs Chinese
 2100-1700 on 12870 unknown kW / non-dir to EAs Chinese

2200-1700 on 12910 unknown kW / non-dir to EAs Chinese
 2200-1500 on 12950 unknown kW / non-dir to EAs Chinese
 2100-1700 on 12980 unknown kW / non-dir to EAs Chinese
 2200-1700 on 13070 unknown kW / non-dir to EAs Chinese
 2100-1400 on 13130 unknown kW / non-dir to EAs Chinese
 2200-1700 on 13230 unknown kW / non-dir to EAs Chinese
 2100-1700 on 13270 unknown kW / non-dir to EAs Chinese
 2100-1600 on 13530 unknown kW / non-dir to EAs Chinese
 2100-1500 on 13620 unknown kW / non-dir to EAs Chinese
 2300-1500 on 13640 unknown kW / non-dir to EAs Chinese
 2100-1500 on 13680 unknown kW / non-dir to EAs Chinese
 2200-1400 on 13775 unknown kW / non-dir to EAs Chinese
 2100-1400 on 13820 unknown kW / non-dir to EAs Chinese
 2200-1700 on 13890 unknown kW / non-dir to EAs Chinese
 2200-1400 on 13920 unknown kW / non-dir to EAs Chinese
 2300-1500 on 13980 unknown kW / non-dir to EAs Chinese
 2300-1500 on 14370 unknown kW / non-dir to EAs Chinese
 2100-1700 on 14430 unknown kW / non-dir to EAs Chinese
 2200-1600 on 14500 unknown kW / non-dir to EAs Chinese
 2300-1500 on 14600 unknown kW / non-dir to EAs Chinese
 2200-1600 on 14700 unknown kW / non-dir to EAs Chinese
 2200-1500 on 14775 unknown kW / non-dir to EAs Chinese
 2100-1500 on 14800 unknown kW / non-dir to EAs Chinese
 2200-1600 on 14850 unknown kW / non-dir to EAs Chinese
 2200-1600 on 14870 unknown kW / non-dir to EAs Chinese
 2200-1500 on 14900 unknown kW / non-dir to EAs Chinese
 2100-1500 on 14920 unknown kW / non-dir to EAs Chinese
 0100-1600 on 14980 unknown kW / non-dir to EAs Chinese
 2100-1700 on 15070 unknown kW / non-dir to EAs Chinese
 2100-1700 on 15295 unknown kW / non-dir to EAs Chinese
 2200-1700 on 15340 unknown kW / non-dir to EAs Chinese
 2100-1600 on 15775 unknown kW / non-dir to EAs Chinese
 0000-1700 on 15800 unknown kW / non-dir to EAs Chinese
 2200-1600 on 15840 unknown kW / non-dir to EAs Chinese
 2100-1700 on 15870 unknown kW / non-dir to EAs Chinese
 2100-1700 on 15970 unknown kW / non-dir to EAs Chinese
 2100-1400 on 16100 unknown kW / non-dir to EAs Chinese
 2100-1500 on 16160 unknown kW / non-dir to EAs Chinese
 2200-1700 on 16250 unknown kW / non-dir to EAs Chinese
 2200-1600 on 16300 unknown kW / non-dir to EAs Chinese
 2300-1400 on 16350 unknown kW / non-dir to EAs Chinese
 2100-1500 on 16600 unknown kW / non-dir to EAs Chinese
 2300-1400 on 16770 unknown kW / non-dir to EAs Chinese
 2200-1500 on 16775 unknown kW / non-dir to EAs Chinese
 2100-1600 on 16980 unknown kW / non-dir to EAs Chinese
 2100-1500 on 17000 unknown kW / non-dir to EAs Chinese
 2200-1400 on 17200 unknown kW / non-dir to EAs Chinese
 2200-1400 on 17400 unknown kW / non-dir to EAs Chinese
 2300-1300 on 17440 unknown kW / non-dir to EAs Chinese
 2200-1000 on 18870 unknown kW / non-dir to EAs Chinese
 2300-1000 on 21800 unknown kW / non-dir to EAs Chinese
 (Ivo Ivanov, SWL DX Bulgaria News, August 16, DXLD)

Editor's info desk was closed for this edition on August 24th, 2018, at 17:00 hours UTC.

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

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

Editor:

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Email: <we@wwdxc.de> or <we@kwrs.de>

Used equipment:

Receiver: Communications receiver ICOM IC-R70 (no modification)

Antenna: Hamtronic HT504 selective active antenna, in roof window ca. 15 m above ground

Location: Herzogenaurach / Germany; 49.567/10.917; 310 m NN



DX LOGBOOK

Logs around the clock

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

SHORTWAVE BANDS

Frequency	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
3955.0	2000	444	G	KBS-WR via Woofferton	German	NX; ID; Hörerecke	1407	SG
3975.0	2110	444	D	Shortwaveradio Winsen	English	Rockmusic, ID	2007	SG
3985.0	1800	353	D	RSI via Kall	German	ID, NX, rpt	2307	SG
3985.0	1830	353	D	RSI via Kall	French	ID, NX, rpt economique	2307	SG
3985.0	1900	353	D	RSI via Kall	English	ID, Slovakia today	2307	SG
3985.0	2100	343	ARG	RAE via Kall	German	IS, ID, ann, Beitrag	2007	SG
3995.0	2120	444	D	HCJB Weenermoor	German	Lieder; ID	2007	SG
5040.0	0140	444	CUB	RHC	Spanish	rpt, ID, MX	2407	SG
5840.0	0420	454	DNK	WMR	English	Afropop; ID, ann	2507	SG
5840.0	2130	454	DNK	WMR	English	ann; ID; Popmx	2007	SG
5920.0	0300	454	USA	WHRI	English	ID, adr, Popmusic	2507	SG
5920.0	0945	454	D	HCJB Weenermoor	German	ID, Kinderfunk	2207	SG
5960.0	2140	554	ALB	CRI-Relay Cerrik	English	rpt children; ID	2007	SG
5970.0	1600	554	ALB	CRI-Relay Cerrik	German	IS, ID, NX // 7380	2407	SG
5975.0	0400	443	D	AWR via Nauen	Bulgarian	IS, ID, rel. Px	2507	SG
5975.0	0500	554	AUT	NHK-World Radio Japan	English	ID, ann, NX, rpts	2507	SG
6000.0	0315	443	CUB	RHC	English	cmt, ID, rpt	2507	SG
6000.0	0337	443	CUB	RHC	English	ID, DXers unlimited	2507	SG
6070.0	0900	454	AUT	Radio DARC	German	ID, Funkwetter pp	2207	SG
6080.0	0320	444	BOT	VOA-Relay	English	ID, ann, economy	2507	SG
6080.0	1855	444	BOT	VOA-Relay	English	Afropop; ID, ann	2107	SG
6100.0	2000	554	CHN	CRI	Arabic	IS; ID; ann; NX; rpts	2007	SG
6100.0	2200	242	CHN	CRI	Chinese	IS, ID, rpts	2007	SG
6130.0	1849	444	SWZ	TWR Swaziland	Hindi	IS; ID, ann; MX	2107	SG
6155.0	0430	443	D	AWR via Nauen	French	IS, ID, ann, rel. Px	2107	SG
6165.0	0140	322	CUB	Radio Habana	English	Fidel Castro	1607	MF
6180.0	0430	444	ROU	Radio Romania Actualidad	Romanian	ID; rpts //7330	2507	SG
6185.0	1900	444	G	RTI via Woofferton	German	ID; NX; KP; HBF	2707	SG
6185.0	1958	454	ALB	CRI-Relay Cerrik	Arabic	IS; ID; ann; NX; rpts	2107	SG
7210.0	2200	554	ALB	CRI-Relay Cerrik	Spanish	IS, ID, ann; NX	2007	SG
7245.0	0150	222	TJK	Tajik radio	English	David Ben Gurion	1607	MF
7250.0	2205	554	CHN	CRI	Spanish	NX; ID; rpt	2007	SG
7280.0	1600	343	VTN	Voice of Vietnam	English	ID; NX; rpts; music	2307	SG
7280.0	1830	443	VTN	Stimme Vietnams	German	ID; ann; NX // 9730	2107	SG
7300.0	1745	444	IRN	IRIB	German	ID, Interview	2407	SG
7315.0	2220	554	ROU	RRI	English	rpt celebrations; ID	2007	SG
7325.0	2226	454	ROU	RRI	English	Rock; ID; sports	2007	SG
7330.0	0430	444	ROU	Radio Romania Actualidad	Romanian	ID; rpts //6180	2507	SG

7335.0	0325	454	USA	Radio Marti	Spanish	sports, ann, ID, TA, NX	2507	SG
7365.0	1410	454	D	HCJB Weenermoor	German	ID, Lieder	2207	SG
7375.0	0430	554	BOT	VoA Relay Botswana	English	International Edition	1807	RL
7375.0	0445	453	BOT	VOA-Relay	English	rpt Trump / Putin, ID	2507	SG
7380.0	1600	554	ALB	CRI-Relay Cerrik	German	IS, ID, NX // 5970	2407	SG
7395.0	1800	554	CHN	CRI	German	IS, ID, NX, Handel	2407	SG
7445.0	1635	443	MDG	BBC-Relay	English	NX, ID, rpt	2407	SG
7505.0	0215	322	USA	WRNO	English	Jesus of Israel state	1607	MF
7545.0	1500	342	MRA	RFA-Relay	Korean	ID; ann; rpts	2407	SG
7780.0	2148	141	USA	RAE via WRMI	German	ann; ID; adr	2007	SG
7780.0	0030	343	USA	RSI via WRMI	English	ID; ann; NX; rpts	2407	SG
7780.0	0100	343	USA	IBC via WRMI	English	IS; ID; sw-panorama	2407	SG
7780.0	0130	343	USA	Wavescan via WRMI	English	Wavescan by Jeff White	2407	SG
7780.0	0200	343	USA	Radio Prague via WRMI	English	ID; NX, rpts	2407	SG
7780.0	0230	343	USA	Ukraine Radio	English	IS, ID; ann; NX; rpts	2407	SG
9425.0	1840	443	KRE	Stimme Korea	German	MX, ID, ann; rpt	2107	SG
9485.0	1010	342	D	Hamburger Lokalradio	English	ann; ID; talks	2207	SG
9505.0	1920	222	SND	Radio Africa	English	Africa's heros	2607	MF
9580.0	1608	443	CLN	AWR	English	ID, adr, rel. Song	2407	SG
9600.0	1400	454	ROU	RRI	German	IS, ID, NX, FBK	2907	SG
9700.0	0600	554	ROU	RRI	German	IS, ID, NX, rpts	2507	SG
9730.0	1800	443	VTN	La Voz Vietnam	Spanish	ID, ann, NX, rpt	2307	SG
9730.0	1830	343	VTN	Stimme Vietnams	German	ID; NX; rpts, MX	2107	SG
9775.0	1845	554	ROU	RRI	German	ID; Bildungssystem	2107	SG
9790.0	0300	553	CUB	CRI via relay Cuba	English	Beijing Hour	2507	RL
9840.0	1730	443	TUR	TRT	German	IS; ID; NX; press	2407	SG
9850.0	1720	444	IRN	IRIB	German	IS, ID, NA, Koran, NX	2407	SG
9860.0	0500	554	CVA	NHK-World Radio Japan	English	ID, ann, NX, rpts	2507	SG
9920.0	1800	454	THA	Radio Thailand	Thai	IS; ID; NX; MX; rpts	2407	SG
9920.0	1900	454	THA	Radio Thailand	English	IS; ID; ann; NX; rpts	2407	SG
11540.0	1240	232	MRA	RFA-Relay	Tibetan	ID; ann; rpts	2207	SG
11540.0	1300	222	KWT	RFA-Relay	Tibetan	ID; ann; rpts	2207	SG
11600.0	1550	454	BUL	TOM	English	prayer Iran, ann, ID	2407	SG
11650.0	1020	554	ROU	RRI	French	Rockmusic, ann, ID	2207	SG
11650.0	1812	454	CHN	CRI	German	rpt Textilmesse, ID	2407	SG
11735.0	1935	322	TZA	Radio Tanzania	English	Tanzania's economy	2607	MF
11775.0	1814	454	CHN	CRI	German	ID, CRI-Panorama	2407	SG
11790.0	1555	454	CHN	CRI	Russian	MX, ann, ID, MX	2407	SG
11810.0	1700	554	ROU	RRI	English	IS, ID; ann; NX; rpts	2407	SG
11830.0	1544	444	ROU	RRI	Arabic	MX, ID, rpt	2407	SG
11910.0	1400	554	ROU	RRI	German	IS, ID, ann, NX, FBK	2207	SG
11920.0	1400	554	ALB	CRI-Relay Cerrik	French	IS, ID, NX, ID, rpt	2307	SG
11935.0	1410	322	UZB	Radio Japan NHK	English	Hi Tec Japanese cars	1507	MF
11945.0	2100	343	MRA	RFA-Relay	Korean	ID; ann; rpts	2107	SG
12020.0	1200	221	VTN	Voice of Vietnam	English	Vietnam war	2707	MF
13635.0	1025	554	TUR	TRT	Turkish	MX, ann, ID	2207	SG
13640.0	1530	554	CHN	CRI	English	ID, rpt economy	2407	SG
13665.0	1230	454	ALB	CRI-Relay Cerrik	English	ID, rpt study in China	2207	SG
13670.0	1300	554	CHN	CRI	English	ID, NX, ID, theater	2207	SG
13760.0	1130	454	TUR	TRT	German	IS; ID; NX; press; HBF	2207	SG
13790.0	1027	554	ROU	RRI	French	Rockmusic, ann, ID	2207	SG
13810.0	1918	554	ROU	RRI	Spanish	ID, club musical	2107	SG
13840.0	0530	242	MDG	NHK-World Radio Japan	French	ID, ann, NX, rpt	2507	SG

15105.0	1230	222	BGD	Radio Bangladesh	English	Pakistani refugee camps	2707	MF
15120.0	1850	333	NIG	Voice of Nigeria	English	Africa's corrupt politicians	2607	MF
15130.0	1034	554	ROU	RRI	French	Akordeonmx, ann, ID	2207	SG
15150.0	1420	322	OMA	Radio Oman	English	Chinese gun show	1507	MF
15200.0	1040	554	ROU	RRI	French	Pianomx, ann, ID	2207	SG
15220.0	1045	554	CHN	CRI	Hungary	rpt, ann, ID	2207	SG
15245.0	1530	554	CHN	CRI	English	ID, rpt economy	2407	SG
15300.0	1718	343	F	RFI	French	rpt terror, ann, ID	2407	SG
15310.0	1245	343	OMA	BBC-Relay	English	ann, ID, rpt	2207	SG
15390.0	1900	454	E	REE	Spanish	ID, NX, rpts, MX	2107	SG
15400.0	1712	443	ASC	BBC-Relay	English	economy, ID, rpt	2407	SG
15430.0	1250	343	CLN	AWR	Vernacular	MX, ID	2207	SG
15430.0	1259	332	CLN	AWR	Nepali	IS, ID, ann, rel. Px	2207	SG
15450.0	1230	454	TUR	VoTurkey	English	ID, NX, rpt defense	2207	SG
15490.0	1050	554	ARS	BSKSA	Arabic	talk, ID; ann; NX; rpts	2207	SG
15520.0	1900	454	E	REE	Spanish	ID, NX, rpts, MX	2107	SG
15540.0	1640	454	KWT	Radio Kuwait	Urdu	Pop, ann, ID, rpt	2407	SG
15565.0	1629	454	CVA	Vatican Radio	English	IS, MX, ID; African Sce	2407	SG
15575.0	1315	322	KOR	KBS World Radio	English	Chinese computer market	2707	MF
15580.0	1520	454	BOT	VOA-Relay	English	ID, bordercrossings	2407	SG
15590.0	1225	454	CHN	CRI	English	cultur, ann, ID	2207	SG
15595.0	1614	444	CVA	Vatican Radio	English	IS, ID; ann; NX; rpts	2407	SG
15620.0	1055	454	SAO	VOA-Relay	Somali	Popmx; ann, ID	2207	SG
15670.0	1912	554	ROU	RRI	Spanish	ID, club cultura	2107	SG
17490.0	1111	454	CHN	CRI	English	ID, Beijing hour	2207	SG
17530.0	1520	454	BOT	VOA-Relay	English	ID, bordercrossings	2407	SG
17615.0	0545	353	CHN	CRI	German	Pop, ID, Sprachkurs	2507	SG
17640.0	1100	343	D	RFA-Relay	Tibetan	ID; ann; rpts	2207	SG
17715.0	1910	554	E	REE	Spanish	talks, ID, MX	2107	SG
17720.0	0600	444	CHN	CRI	German	ID, Kulturkollage	2507	SG
17720.0	1200	242	D	RFA-Relay	Tibetan	ID; ann; rpts	2207	SG
17735.0	1300	343	D	RFA-Relay	Tibetan	ID; ann; rpts	2207	SG
17820.0	0230	233	PHL	Radio Philipinas	English	Program	1607	MF
17855.0	1910	444	E	REE	Spanish	talks, ID, MX	2107	SG
21505.0	1310	444	ARS	BSKSA	Arabic	talk, ID; ann; Medina	2207	SG
21670.0	1103	454	ARS	Radio Saudi International	Indonesian	NX, ID, NX	2207	SG

Thanks a lot to our club members for their contributions:

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

RL : Richard Lemke, St. Albert, Alberta, Canada. JRC NRD-535 HF with random long wires in the trees.

SG : Siegbert Gerhard, Frankfurt/Main, Germany. AOR AR7030 with 5m-EMF, Sangean 818 ACS & DEGEN DE 1103 with telescopic antenna.

Dear Friends,

Thanks to our regular contributors for this short edition of Logbook,

Ashok Kumar Bose

	<h2 style="margin: 0;">QSL CORNER</h2> <p style="margin: 0;">Editor: Dario Gabrielli, Viale della Resistenza 33b, IT-30031 Dolo (Ve), ITALY eMail: <qsl@wwdxc.de></p>	
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France: Radio Taiwan International (Via Issoudun) 11955 kHz. Russian programme. Full data QSL card "2018 - 5" received in 28 days for report to: <russ@rti.org.tw> (AG).

Germany: NHK World Radio Japan 6165 kHz. Russian programme. Full data QSL card "Verdant Greenery in a Bamboo Forest". Received in 30 days for report via website (AG)

India: All India Radio 7550 kHz. English Service. Full data colour QSL "Pillars at Vitthala Temple", received in 143 days (incl. 12 days for air mail delivery) for report via website (HB)

All India Radio 7550/11560/15410 kHz at different times on 3 January. English programme Full data colour QSL "19th century drawing of a column in Panch Mahal, Fatehpur Sikri", received in 192 days (incl. 12 days for air mail delivery) for report via website (HB)

All India Radio 11560 kHz. Russian programme. Full data QSL card "Mythical animal (Group - III), Bhimbetka" received in 39 days for report to: <spectrum-manager@air.org.in> (AG)



Korea (South): KBS World Radio German programme. 3955 kHz. Full data colour QSL "Frieden, neuer Anfang" (summit KR/KP), received in 44 days (incl. 10 days for air mail delivery) for e-mail report to: german@kbs.co.kr (HB)

Madagascar: Madagascar World Voice 15515 kHz English programme. Full data colour QSL card received in 35 days. (AKB)

Northern Mariana Island: RFA 9990 kHz Via IBB Tinian. Korean programme. Full data QSL card "IBB Lampertheim Relay Site" received in 28 days for report to: <qsl@rfa.org> (AG)

Romania: Radio Romania International 11940 kHz. Russian programme. Full data QSL card "Alba Iulia - The Orthodox Cathedral" received in 45 days for report to: <rusa@rri.ro> (AG)

Radio Romania International 13740 kHz. Russian programme. Full data QSL card "Alba Iulia - The Former Trinitarian Monastery" received in 59 days for report to: <rusa@rri.ro> (AG)

Russia: Radio Prague 738 kHz (Via WRN Moscow). Russian programme. Full data QSL card "Airstream - promotional caravan" received in 25 days for report to: <ruski@radio.cz> (AG)

Radio Slovakia International 738 kHz (Via Moscow). Russian programme. Full data QSL card "25 Rokov o Slovenscu do sveta" received in 23 days for report to: <RSI_russian@slovakradio.sk> (AG)

Sudan: Voice of Hope - Africa 6065 kHz . Christian programme. Full data QSL card "TCI Model 527 Super High Gain Log - Periodic Antenna" received in 24 days for report to: <reports@voiceofhope.com> (AG)

Thailand: Radio Thailand via Udon Thani, 5875 kHz. QSL received in 28 days for reception report sent to: <feedback@hsk9.org>, copy to <manager_thailand@tha.ibb.gov> (RG)

Turkey: Voice of Turkey 9410 kHz. Russian programme. Full data QSL card " With the great victory

secured on March 18 in Gallipoli " received in 33 days for report to Russian section: <russian@trt.net.tr> (AG)

United Arab Emirates: Gaweylon Tibetan Radio Program via Dhabbaya on 15215 kHz. Tibetan programme. Full data QSL card "Celebrating 28 years of Broadcasting" received in 30 days for report to: <gaweylon@gmail.com> (AG)

United Kingdom: KBS World (Via Woofferton) 12065 kHz. Russian programme. Full data QSL card "Summit April 27 - Kim Jong Eun and moon Jae-In" Received in 21 days for report to: <russian@kbs.co.kr> (AG)

Radio Taiwan International 6185 kHz via Woofferton. German programme. Full data coloured QSL Card "2018-7 Wanluan Pork Knuckles Lunch Box" in English. Received in 20 days (6 days air mail delivery) for e-mail report to German service <deutsch@rti.org.tw> (HJB)

Ukraine: Pirate Radio Europe 5833 kHz. Music program. Full data e-QSL received in one hour. For report to: <serg104-130@rambler.ru> (AG)



The reporters of this edition of QSL CORNER have been:

AG = Alexander Golovikhin Togliattigrad, Russia
AKB = Ashok Kumar Bose, Brampton, Canada
HJB = Hansjoerg Biener, Nuremberg, Germany
RG = Rudolf Grimm, Sao Bernardo do Campo, Brasil

We wait for your news about confirmations of your reception reports and if possible the pictures of QSL that you received are appreciated in .jpg format. Please remember that the next deadline to contribute for this page is on **6 October 2018**.

I would like to remind all contributors to please include the department or language section where you sent your report to (and language of your report if not English), also the postal or email addresses you sent your report to. And please also mention if you sent any return postage e.g. IRC or money. The typical format should be:

Country & Name of radio station & Frequency in kHz

Language or programme service that you wrote to

Type of QSL received (e.g. card, letter or e-QSL)

Time for the reply in days

The postal or email address that your report was sent to. Any return postage (IRCs, stamps, dollars etc)

Any other details that might be useful.

Thanks,

Dario



English Schedules

Hörfahrplan Englisch

August 22, 2018 / 22. August 2018

Time is always UTC / Zeitangaben in UTC (Weltzeit), also MEZ (Mittel-europäische Zeit) minus 1 Stunde.

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

Time (UTC) Station, Program Frequencies, Transmitter Site, Day of Broadcast, Target Area

..... 00:00		
0000-0015	Reach Beyond Aus	15400 (EAs) Wed/Fr
0000-0030	R Cairo	9965 (alt: 11510) (NAm)
0000-0030	VoVietnam	7315/WHRI (NAm)
0000-0045	AIR	6045/Del-Kh, 7550/Ben, 9445/Ben, 9705/Pan, 11645/Del-Kh (As)
0000-0100	CRI	7350/Kash
0000-0100	CRI	6075/Kash, 6180/Kash, 7425/Kash, 11790/Xi, 11885/Xi, 13750/Be, 15125/Be
0000-0100	From the Isle of Music	7490/FL (+ NA m)
0000-0100	R Romania	7375, 9730 (ENAm)
0000-0100	R Thailand	13745 (NA m)
0000-0100	WBCQ	5130; Sa (NA m)
0000-0100	RHC	5040 (LAm),
0000-0100	WHRI 2	5920 ; Tue-Sa (+ NA m)
0000-0100	WHRI	7385 (NA m)
0000-0100	World Univ. Network	13845 (NA m)
0000-0100	WTWW	12105 (NA m), 9930 (LAm)
0000-0100	WWCR 1	6115 (+ENAm)
0000-0100	WWCR 4	7520 Tue-Sa (NA m)
0000-0200	BBC WS	5970/OM, 6005/ASC (As)
0000-0200	CRI Beijing	6020/ALB, 9570/ALB (NA m)
0000-0200	Mighty KBC	9925/N; Su
0000-0200	WTWW	9475
0000-0200	WWRB	3215 (NA m)
0000-0230	WINB	9265 (LAm); Tue-Sa; Mo -0300
0000-0458	RNZI	13840 (Pac)
0000-0700	R Vanuatu	7260 (Pac)
0000-0900	WEWN	11520 (ME/Af)
0000-1000	World Univ. Netw.	6090 (CAm/SAm)
0000-1000	World Univ. Netw.	5935/WWCR 2 (Af)
0000-1200	WWCR 3	4840 (NA m)
0000-1400	WTWW	5085 (LAm);
0000-2400	AFRTS	12579 (4319 night) /USB/Diego Garcia (Pac/As)
0000-2400	ADRS, Australia	5050 irr #LP
0000-2400	CFRX Toronto	6070 (relays CFRB) #LP
0000-2400	CFVP Calgary	6030 (relays CKMX) #LP
0000-2400	CKZU Vancouver	6160 (relays CBU) #LP
0000-2400	OZY R	5045 #LP irr (Aus)
0000-2400	Vo Malaysia / RTM R 4	7295 (SEAs)
0000-2400	4KZ	5055 #LP irr (Aus)
0030-0100	R Slovakia	7780/FL; Tue-Sa (LAm) 5850/FL (NA m)
..... 0100		
0100-0200	T8WH	17720 (As) Su
0100-0120	Kyrgyz R	4010, 4795 (CAs) (#)
0100-0130	Vo Vietnam	7315/WHRI (NA m)
0100-0200	BBC WS	9410/UZB (As)

0100-0200	CRI	7470/Kash, 9675/Kash; 9580/CUBA (NA m), 6180/Kash, 9535/Kash, 11770/Xi, 15125/Be, 15785/Be (As)
0100-0200	RAE	5950/FL, 9395/FL; Mo-Sa (Am)
0100-0200	R France	11580/FL; Fr/Sa (LAm)
0100-0200	Vo Tajik	7245 (As)
0100-0200	WBCQ	7490 (Am); Tue-Sa 9330 (Am)
0100-0200	WHRI	7385 (NA m); Su/Mo
0100-0200	WHRI	5920 (NA m); Tue-Sa
0100-0200	WWCR 4	6115 (Af) Tue-Sa
0100-0300	WRMI	11580/FL; Su-Thu
0100-0500	WBCQ	5130 (NA m); Su/Mo
0100-06500	RHC	6000, 6180 (NA m)
0100-0900	WWRC 1	3215 (Am)
0115-0130	FG R	21675/FL (NA m)
0130-0200	T8WH	17720 (As) Su (As)
0130-0200	Thazin R	6030 (EAs)
..... 02:00		
0200-0215	Eternal Good News	7385/WHRI (NA m)
0200-0230	R Thailand	15590 (ENAm)
0200-0230	R Tirana	9395/FL (NA m)
0200-0300	BBC WS	9410/OM (As)
0200-0300	CRI	13640/Kash, 11770/Kash (SAs)
0200-0300	KBS	9580 (SAm)
0200-0300	R France	11580/Fl (LAm), Wed-Sa
0200-0300	T8WH	17720 (As); Su
0200-0300	WHRI	7315 (LAm)
0200-0300	WHRI	7385 (NA m)
0200-0300	WHRI	5920 (NA m)
0200-0300	World Voice	9600/MDG (As)
0200-0330	R Cairo	9315, alt: 9720 (NA m)
0200-0330	R Pilipinas	15640, 17700, 17820 (As/Pac) + Tagalog
0200-0500	WRNO	7506v (NA m)
0200-0500	WWCR 4	5890 (Af) Tue-Sa
0200-0500	WWRB	3195 (Am)
0200-1400	WTWW	5830 (+ NA m, Af)
0245-0300	FG R	9955/FL; Thu
0255-0330	Swazi R	3300 (SAf); Su
..... 03:00		
0300-0330	R PragueBBC WS	9395/FL (NA m)
0300-0400	BBC WS	9440/OM, 12095/OM (ME)
0300-0355	Channel Africa	3345, 6155 (Eaf/CAf)
0300-0400	CRI	738/M ; 9790/CUBA (NA m)
0300-0400	CRI	11770/Kash, 12000/Be, 13590/Kash, 15110/Be, 15120/Be, 15785/Be (SAs)
0300-0400	R Cultural	3300 (CAm) irr
0300-0400	R Lead Africa	5915/RSA (Eaf); Mo, Tue, Fr
0300-0400	R Romania	7375, 9730 (NA m) 9740*, 11825 (As) 15355 (As)
0300-0400	R Sultanate of Oman	
0300-0400	R Taiwan Int.	15320 (As)
0300-0400	VoA	4930/BOT, 5925/BOT, 6080/STP, 15580/KWT/BOT (Af)
0300-0400	Vo Turkey	9515 , 6165 (ME)
0300-0400	WHRI	5920, 7385 (NA m)
0300-0400	WHRI	7520 ; Su
0300-0400	WHRI	7315 (NA m); Mo-Sa
0300-0400	World Voice	15560/MDG (As)
0300-0500	WBCQ	7490 (NA m); Mo
0300-0600	Miraya FM R	11560/MDA (Eaf)
0320-0420	Vo IRIB	9420 (NA m)
0330-0400	La Voz Evangelica	4820v (CAm); Mo #
..... 04:00		
0400-0430	T8WH	17720; Su (As)

0400-0430	WHRI	7385 (NAm) 12015 (As, Pac) Su	0600-0700	R Habana Cuba	6000, 6060, 6100, 6165 (6180) (NAm/CAM)
0400-0500	BBC WS	12095/OM, 13580/CLN (ME)	0600-0700	VoA	909/BOT, 1530/STP, 6080/STP, 15580/BOT/STP (Af)
0400-0500	BBC WS	6190/RSA, 9915/MDG (Af)	0630-0700	R Slovakia	3985/KLL
0400-0500	Channel Africa	3345, 6180 (SAf)	0630-0700	Thazin R	9460 (As)
0400-0500	CRI	13590/Xi, 15120/Be, 15785/Be, 17730/Xi, 17855/Be (SAs)	0659-1058	RNZI	7425 (PAC)
0400-0500	Vo Korea	11735, 13760, 15180 (LAm) 7220, 9445, 9730 (NEAs)	..... 07:00		
0400-0500	VoA	909/BOT, 1530/STP, 4930/BOT, 4960/STP, 5925/BOT, 6080/STP, 7375/BOT, 15580/KWT (Af)	0700-0730	R Myanmar	9730v (As)
0400-0500	WBCQ	7490 (Am)	0700-0800	BBC WS	6190/RSA, 7445/RSA, 9410/ASC, 11770/ASC, 12095/ASC, 13580/MDG, 15400/RSA (Af)
0400-0500	World Voice	11825/MDG (Af)	0700-0800	CRI	1215/ALB-Fllake; 11895/Kash, 13660/Xi, 15350/Kash, 15465/Kash, 17540/Kash, 17710/Be (As)
0430-0500	WHRI	9825 (NAf); Sa/Su	0700-0800	PBS Zizang Lhasa / Voice of Holy Tibet	4905, 4920, 6025, 6110, 6130, 6200, 9490, 9580 (CAs) (not all QRGs in use)
0430-0600	TWR Africa	3200; Mo-Fr; 4775 (-0700) (SAf)	0700-0900	CRI	13710/ALB, 17490/Kash; 17670/Kash (Af/ME)
0430-1000	R Nigeria	6090/Kaduna, 7275/Abuja ## (Nigeria)	0700-1000	WRMI	5850/FL (LAm)
0445-0500	Eternal Good News	11635/WHRI (Af)	0700-1900	R Vanuatu	7260, 3945 (SPac)
0445-0515	Bible Voice	7325/N	0730-0830	R Sudan	9505 irr (EAf)
0459-0759	RNZI	11725 (PAC/NAm)	..... 08:00		
..... 05:00			0800-0830	Bible Voice	7220/N; Su; Sa -0845
0500-0530	R Japan	5975/OE (+Af); 9770/F, 9860/VAT (Af)	0800-0855	SARL	7205/RSA (SAf), 17660/RSA (CAF/EAf); Su
0500-0558	Vo Korea, Py	13650, 15105 (SEAs)	0800-0900	BBC WS	15620*/SNG (As)
0500-0600	R Biafra	7240/F (11530/FL) (Af)	0800-0900	CRI	1215/ALB-Fllake; 11710/Xi (EAs), 11895/Kash, 15350/Kash, 15465/Kash, 17540Kash (SAs)
0500-0600	BBC WS	3255/RSA, 6005/RSA, 6190/RSA, 7345, 9410/MDG, 9915/ASC, 12095/RSA, 13580/UAE (Af)	0800-0900	IRRS	9510/BUL
0500-0600	BBS, Bhutan	6035 (Mo-Fr) #	0800-0900	KNLS	9655 (As)
0500-0600	CRI	11710/ALB, 17510/Kash (Af/ME)	0800-0900	Vo Africa, Sudan	9505 (Af)
0500-0600	CRI	17730/ , 17855/ 11895/Kash, 15350/Kash, 15465/Kash, 17540/Kash (As)	0800-0930	T8WH	9930 Mo-Fr (As)
0500-0600	R Biafra	11530/FL (Waf)	0800-1030	KBS World R	9770 (SEAs)
0500-0600	RHC	5040, 6000, 6060, 6165 (NAm)	0800-2400	Vo Guyana	3290 (SAm) #
0500-0600	R Lead Africa	12060/RSA (EAf); Wed, Thu Sa -0700	..... 09:00		
0500-0600	VoA	909/BOT, 4930/BOT, 6080/STP, 15580/BOT, 17530/STP (Af)	0900-0930	Vo Mongolia	12085 (EAs)
0500-0600	WHRI	9825 (ME)	0900-1000	BBS, Bhutan	6035 irr (Mo-Fr)
0500-0700	R Lead Africa	12060/RSA (Af) Sa	0900-1000	CRI	17490/Kash, 17570/Ur, 17650/Kash; 11710/Kash, 15350/Kash, 17750/ (SAs)
0500-0700	Vo Nigeria	7255# (Waf), 15120 irr (+ NAf)	0900-1000	T8WH	9930 Sa (As)
0500-0700	TWR Africa	6120/SWZ (Af)	0900-1000	PCJ R	17825/CLN (As) Sa
0500-0800	R Kuwait	11970, 15530 (As)	0900-1100	CRI	11905/Jin, 13800/Kun (SPac)
0500-0800	Vo Hope	9680, 11680 (SAf)	0900-1200	Vo Nigeria	9690 (Af)
0500-0800	Channel Africa	7230 (Af); Mo-Fr	0900-1200	WWCR1	15795
0500-1100	R Vanuatu	3945 (Pac)	0900-1600	Channel Africa	9625 (Af); Mo-Fr
0500-1200	WWCR 4	5890 (Af)	0915-0930	T8WH	9930 (As) Sa
0530-0600	R Thailand	17640	0915-0945	T8WH	9930 (As) Fr
0530-0600	R Romania	7330*, 9700; 17760, 21500 (As, Pac)	0930-1000	T8WH	9930 (As) Mo, Wed, Thu, Sa
..... 06:00			0930-1200	IRRS	9510/BUL
0600-0658	Vo Korea	7220, 9445, 9730 (NEAs)	0945-1000	T8WH	9930 (As) Fr
0600-0700	BBC WS	3955*/Wof; 6005/ASC, 6190/RSA, 7345/ASC, 7445/RSA, 12095/RSA, 15420/UAE (Af)	..... 10:00		
0600-0655	Channel Africa	15255; Mo-Fr (Waf)	1000-1025	Vo Tajik	7245; Mo-Sa #
0600-0700	CRI	11710/ALB, 11870/Kash, 15145/Xi (ME); 11895/Kash, 13645/Kash, 15350/Kash, 15465/Kash, 17710/Be, 17540/Kash (As)	1000-1030	KTWR	11995/GUM; Mo-Fr; Sa -1045
0600-0700	CRI	17510/Kash (ME/Af)	1000-1030	KTWR	11965/GUM; Su
0600-0700	R France	11830 (Af)	1000-1030	T8WH	9930 (As) Sa/Su
			1000-1030	Vo Vietnam	9840, 12020 (As)
			1000-1030	WRMI	5850/FL (NAm)
			1000-1058	Vo Korea, Py	11710, 15180 (LAm) 11735, 13650 (SEAs)

1000-1100	AIR	13605/Ben, 13695/Ben, 15410/Del-Kh, 17510/Del-Kh, 15770/Ben, 17895/Al (SEAs/Aus), 1053/Tuticorin, 7270/Chennai (Sri Lanka)	1200-1300	CRI Beijing	5955/Be, 9460/Kash, 9600/Kun, 9645/Be, 9730/Kun, 11650/Ur, 11660/Kash, 11980/Kun, 15660/Xi, (SAs/SEAs); 1341/hdu-gua, 1269/xua-yun, 1188/kun-yun, 684/dof- hai, 12015/Xi (CAs)
1000-1100	BBC WS	6195/SNG, 9580/Om, 9740/SNG, 9900/CLN, 11695/SNG, 11925/SNG (As)	1200-1300	From Isle of Music	6070/ROW
1000-1100	CRI	17490/Kash, 11635/ ; 11895/Be, 13570/Xi, 13590/Be, 13720/Xi, 15350/Kash, 17750/ (WAs/CAs) 11905/Kun, 13580/Ur (Pac)	1200-1300	KNLS	6055, 7355 (EAs)
1000-1100	KNLS	7355 (EAs)	1200-1400	Eur SW R	3975/Wil (6160) Mo-Sa #LP, multi
1000-1100	Vo Indonesia	9525v, 11875alt (As/Pac) #	1200-1500	WEWN	12065 (As)
1000-1200	Eur SW R	6160/Wil Mo-Sa TEST LP multi	1200-1500	WWCR 2	7490 (Af)
1000-1200	Vo Nigeria	7255# (Waf), 9690 irr (+ NAF), 17800## (CAf/Saf)	1200-1500	WWCR 3	13845 (NAm) Mo-Fr
1000-1225	BSKSA	15250 (Af)	1200-1530	Vo Nigeria	15120 (Af) #
1000-2200	Univ. Network	11775 (NAm)	1200-1700	Vo Hope	9680, 13680 (SAf)
1015-1045	KTWR	11995 (As, Pac) Sa	1200-2200	WWCR 1	15825 (+NAm)
1020-1120	IRIB Tehran	17820, 21510 (SAs)	1200-2400	Univ Network	13845/WWCR (NAm)
1030-1045	R Ethiopia	9705v irr	1200-2400	WWCR 4	9980 (Af)
1030-1045	T8WH	9930 (As) Sa, Su -1100	1215-1230	Reach Beyond Aus	11865/Ku (As); Fr
1030-1100	KTWR	11965 (As, Pac) Su	1230-1345	Bible Voice	21480/MDG (As) Sa
1059-1258	RNZI	7425 (As/Pac)	1230-1245	Eternal Good News	21480/MDG, 9930/Palau; Su (As)
..... 11:00			1230-1245	FG R	9955/FL (Am); Su
1100-1105	R Pakistan	15730, 17730	1230-1245	Reach Beyond Aus	11865/Ku (As); Fr
1100-1130	KTWR	9910, 11965 (As) Su	1230-1300	KTWR	12160/GUM (As/Pac); Sa
1100-1130	R Japan	11825/SNG (As)	1230-1300	R Thailand	9390 (As/Pac)
1100-1130	T8WH	9930; (As) Su; Sa -1200	1230-1300	Vo Vietnam	9840, 12020 (SEAs)
1100-1130	Voice of Holy Tibet	4905, 4920, 6025, 6110, 6130, 6200, 7385 (As) (not all QRGs used)	1230-1330	Vo Turkey	15450
1100-1200	BBC WS	6195/SNG, 9580/OM, 9740/SNG, 9900/SNG, 11895/SNG (ME/As)	1245-1300	Reach Beyond Aus	11865/Ku (As)
1100-1200	CRI	1269/xua-yun, 5955/Be, 11650/Ur, 11660/Kash, 11695/Kash, 13590/Kash, 13665/, 13720/Xi, 15660/ (SAs/SEAs)	1259-1650	RNZI	7430 (Pac) Su-Fr Sa -1858
1100-1200	R Romania	13750, 15130 ; 15320, 17670 (SEAf)	..... 13:00		
1100-1200	R Taiwan Int.	7445, 11600 (SEAs)	1300-1330	Reach Beyond Aus	9610/Ku (As) Su
1100-1300	CRI	13665/ALB, 17490/Kash	1300-1330	T8WH	9930 Sa, 9965 Su (As)
1100-1130	T8WH	9930; (As) Su	1300-1400	BBC WS	12065/SNG (As)
1100-1300	WINB	9265 (SAm)	1300-1358	Vo Korea, Py	13760, 15245 ; 9435, 11710 (NAm)
1115-1245	Reach Beyond Aus	9670/Ku (As)	1300-1400	BBC WS	12065/SNG (As)
1120-1140	R Taiwan Int	12100 (As)	1300-1400	CRI Beijing	13670/Kash, 15590/Ur ; 9765/ (WAs); 9570/CUBA (NAm); 1341/hdu-gua, 5955/Be, 9730/Be, 9870/Kun, 11660/Kash, 11910/Xi, 11980/Kun, (SAs/SEAs)
1130-1200	Vo Vietnam	9840; 12020 (As)	1300-1400	KBS World	11760/Szg, 9800/Kun (Pac)
1130-1200	Vatcan R	15595, 17590 (ME) Fr	1300-1400	Shiokaze	9570 (SEAs), 15575 (NAm)
1130-1400	T8WH	9930 (As) Su	1300-1400	T8WH	5935/YAM (EAs) Thu
1145-1200	Reach Beyond Aus	11915/Ku (As); Sa/Su	1300-1400	T8WH	17720 Su, 9965 Sa (As)
..... 12:00			1300-1400	Vo Indonesia	9525v (EAs) #
1200-1215	Reach Beyond Aus	11865/Ku (As); Fr	1300-1400	Vo Tajik	7245 (+ CAm)
1200-1230	Bible Voice	21480/MDG (As), Sa	1300-1930	WINB	9265 (LAm) Sa/Su
1200-1230	T8WH	9930 (As) Sa/Su	1300-2100	R Africa	21525/FL (Af)
1200-1300	Bangladesh Betar	15105 (As)	1300-2100	WHRI	11750 (Af)
1200-1300	BBC WS	6195/SNG, 9740/SNG, 9900/SNG, 11890/OM, 15285/SNG, 15310/OM (As)	1305-1330	RT Tunis	963 (NAf)
1200-1300	CRI Beijing	11670/, 15590/Ur, 17490/Kash ; 9760/Kun, 11760/Kun (Aus/Pac)	1315-1330	Reach Beyond Aus	11865/Ku (SAs); Mo, Wed, Fr
			1315-1345	KTWR	7510 (As/Pac); Sa
			1330-1400	Lao National R	7145 (As) #
			1330-1400	T8WH	9930 Sa, 9965 Su (As)
			1330-1400	Vo Vietnam	9840, 12020 (As)
			1330-1500	AIR	9690/Ben, 13695/Ben (SEAs);
..... 14:00			1400-1415	Eternal Good News	17650/F (As)
			1400-1425	BBS, Bhutan	6035 (SAs) #
			1400-1430	Bible Voice	17510/F (SAs), Sa
			1400-1430	Pan American BC	15205/N (As), Su
			1400-1430	R Japan	11705/Palau (EAs), 11935/UZB (As)
			1400-1430	R Thailand	9390 (As/Pac)

1400-1430	T8WH	9965 (As) Su	1600-1700	BBC WS	3255/RSA, 6190/RSA, 9410/RSA, 17640/ASC, 17830/ASC (Af)
1400-1500	BBC WS	9410/OM (As)	1600-1700	CRI Beijing	11940/, 11965/, 13760/; 1323/htb-xin, 1080/xua-yun, 6060/Kun, 6175/Nn, 7235/Kash, 9880/Nn, (EAs/CAs); 9570/Be, 11900/, 15250(Af/ME)
1400-1500	CRI Beijing	13710/Ur, 15590/Kash; 15740/CUBA, (NAm); 1422/kash-xin, 9765/Xi, 11815/Xi (CAs/EEu); 5955/Be, 7300/Ur, 9870/Xi, 11675/, 11765/, (SAs/SEAs)	1600-1700	KBS World	9640, 9785 (SEAs)
1400-1500	KBS	9785 (EAs)	1600-1700	R Taiwan Int.	6185 (China/SAs)
1400-1500	KNLS	6075 (As)	1600-1700	Shiokaze	6110/YAM (EAs)
1400-1500	R Sultanate of Oman	15140 (+As) occ. Arabic	1600-1700	Voice of Holy Tibet	4905, 4920, 6025, 6110, 6130, 6200, 7255, 7385 (As)
1400-1500	VoA	4930/BOT, 6080/BOT, 15580/BOT (Af)	1600-1800	Eur SW R	3975/Wil (6160) Mo-Sa #LP, multi
1400-1600	CRI	13685/MALI, 17630/MALI (Eaf/Saf)	1600-1800	R Cairo	11800 (Af)
1400-1600	Eur SW R	6160/Wil Mo-Sa #LP multi	1600-1900	Vo Hope	4965, 6065 # (Saf)
1400-2200	WJHR	15550/USB (NAm) irr	1615-1630	Oromo Voice R	17850/F (Af)
1400-2400	WTWW	9475 (+NAf) 9930 (LAm)	1615-1630	Vatican R	15595 (Af)
1415-1430	FEBA	9775/CLN (As) Mo	1630-1700	VoA	909/BOT, 1530/STP, 4930/BOT, 6080/BOT Sa/Su, 15580/STP Sa/Su; (AF/ME)
1420-1455	TWR Africa	6025/SWZ (Saf)	1630-1700	VoA	11910/RSA, 13750/UAE, 15180/N (Af) Mo-Fr
1430-1500	R Vientiane	6130 (As)	1630-1700	Vatican R	7360/MDG, 15565 (Af)
1430-1500	Bible Voice	17510/F (SAs)	1630-1730	SARL	4895 (Saf) Mo
1430-1500	T8WH	11675(As) Sa/Su	1630-1730	Vo Turkey	15520 (As)
1430-1500	Thazin R	6165 (As)	1651-1758	RNZI	6115* (As/Pac)
..... 15:00					
1500-1530	R Bahrain	9745 (ME)	..... 17:00		
1500-1530	Vo Vietnam	9840, 12020 (As)	1700-1730	VoA	6080/STP, 13590/Wof, 17530/Gr (Af)
1500-1558	Vo Korea, Py	13760, 15245; 9435, 11710 (NAm)	1700-1755	Channel Africa	15235 Mo-Fr (Waf)
1500-1600	BBC WS	7445/MDG, 12095/RSA (Af)	1700-1800	BBC WS	3255/RSA, 6190/RSA, 7445/MDG, 9410/RSA, 15400/ASC, 17780/ASC, 17830/ASC (Af)
1500-1600	Channel Africa	9625 Mo-Fr (Af)	1700-1800	CRI Beijing	12015/Be, 13760/Kash; 6165/Be, (ME) 7330/Kun, 9570/Be (Af); 1323/htb-xin, 1080/xua-yun, 6060/Kun, 6140/Kash, 6175/Be, 7235/Kash, 7410/Kun, 7420/Kash, 9880/Nn (EAs/CAs)
1500-1600	CRI Beijing	13640/Kash, 15245/Kash; 5955/Be, 7325/Be, 7395/Ur, 9675/Jin, 9870/, 9880/Xi (SAs/SEAs); 11610/Kash, 9720/Ur (Af/ME); 13685/Mali, 17630/Mali (Af) 13740/CUBA (NAm)	1700-1800	R Romania Int	9760*, 11810
1500-1600	From Isle of Music	9400/BUL; Su	1700-1800	Vo Tajik	7245 (CAs) #
1500-1600	KBS	9785 (As)	1700-1800	WHRI	15760 (NAm)
1500-1600	Mighty KBC	9400/BUL; Sa	1700-1900	BBC	6195/OM (ME)
1500-1600	R Taiwan	9405, 11685 (As)	1700-2200	V o Hope	4965 (Saf), 6065 (Waf)
1500-1600	VoA	909/BOT, 1530/STP, 4930/BOT, 6080/BOT, 15580/BOT, 17530/BOT (Af)	1700-2200	WMLK	9275 (+NAf)
1500-1600	Vo Nigeria	15120 / 7255 (+NAf) irr	1700-2200	WTWW	12105 (NAm)
1500-1700	BBC	5950/OM (As)	1730-1745	Eternal Good News	21600/WHRI (Af) Sa
1500-1700	KBS World	9515; 9630 (As)	1730-1800	Bible Voice	11790/N (Eaf) Mo
1500-1700	WWCR 3	13845; Sa (NAm)	1730-1800	VoA	909/BOT, 6080/STP, 13590/Wof, 15580/STP, 17530/Gr (Af)
1500-1900	WEWN	15610 (ME)	1730-1830	R Sudan / Vo Africa	9505 (Eaf) irr
1500-2000	WWCR 2	12160 (Af)	1730-1930	R Pilipinas	9910, 12120, 15190 (As/Pac) + Tagalog
1500-2230	Reflections Europe	3910/Eire, 6295/Eire (Su) irr	1745-1900	Bangladesh Betar	(7250) 13580 (Voice of Islam)
1500-2400	University Network	13845/WWCR	1745-1945	AIR	7550/Ben, 9950/Kh, 17670/Kh, 13695/Ben (Eaf); 9445/Ben, 11935/AI (NWaf)
1520-1620	IRIB Tehran	9540 (As)	..... 18:00		
1530-1545	AIR	6155/Del-Kh, 11560/Pan (As)	1800-1810	R Tanzania	11735 (Af)
1530-1600	AWR	15670/N (CAs) Sa-Wed	1800-1815	Bible Voice	9715/OE; Fr; Sa -1830; (ME)
1530-1600	Vo Mongolia	12015 (12085)(As)	1800-1830	TWR Africa	9500 (Saf); Sa -1900
1540-1600	R Japan	5985/Myanmar (SEAs)	1800-1858	Vo Korea, Py	13760, 15245
..... 16:00					
1600-1630	AWR	9580/CLN, 11950/ERV (SAs)	..... 18:00		
1600-1630	KSDA	15490/GUM, 15715/GUM (As)	1800-1810	R Tanzania	11735 (Af)
1600-1630	R Slovakia	7310/KLL	1800-1815	Bible Voice	9715/OE; Fr; Sa -1830; (ME)
1600-1630	VoA	909/BOT, 1530/STP, 4930/BOT, 6080/BOT, 15580/BOT (Af)	1800-1830	TWR Africa	9500 (Saf); Sa -1900
1600-1630	Vo Vietnam	7220, 7280, 9550, 9730 (Af/ME)	1800-1858	Vo Korea, Py	13760, 15245
1600-1658	Vo Korea, Py	9890, 11645 (ME)	..... 18:00		

1800-1900	BBC WS	3255/RSA, 6190/RSA, 7445/MDG, 9410/UAE, 9915/ASC, 13660/Wof, 15400/ASC (AF)	2000-2100	World Voice	17640/MDG (Af)
1800-1900	CRI	9600/Be, 7415/Be; 6165/Be (ME)	2000-2200	Eur SW R	6160/Wil Mo-Sa #LP multi 9350 (Af)
1800-1900	IRRS	7290/BUL, Fr-Su	2000-2200	WWCR 2	3945 (7260)(SPac)
1800-1900	VoA	909/BOT, 4930/BOT (Sa/Su), 6080/BOT, 15580/BOT (Af)	2000-2400	R Vanuatu	9390
1800-1900	WHRI	9840 (NAm)	2030-2045	R Thailand	6170, 9535*; 11850, 13650 (NAm)
1800-1900	World Voice	17640/MDG (Af)	2030-2100	VoA	4960/STP (Af) Sa/Su
1800-2000	Bible Voice	9715/OE; Sa/Su (ME)	2030-2100	Vo Turkey	9620 (SEAs)
1800-2000	Eur SW R	6160/Wil Mo-Sa #LP multi	2030-2100	Vo Vietnam	7220, 9550 (ME/Af)
1800-2000	Vo Nigeria	7255 (Af) #	2030-0030	VoA	1296/Kabul
1800-2100	R Kuwait	15540 (+NAm) occ. AR	2045-2230	AIR	7550/Ben, 9445/Ben, 9950/Del- Kh; 9910/Al, 11620/Del-Kh, 11740/Del-Kh (Aus/Pac)
1800-2100	R Biafra	11700/BUL (Af)	2051-2400	RNZI	13840 (Pac)
1815-1830	Eternal Good News	7365/N; Su (As)	..... 21:00		
1815-2000	Bible Voice	9715/OE (ME) Sa	2100-2115	Eternal Good News	11705/WHRI; Su
1830-1900	AWR	15155/CLN (Eaf)	2100-2115	FG R	15770/FL; 7570/FL (NAm)
1830-1930	Bible Voice	6030/N	2100-2130	AWR	11980/OE (Waf)
1830-1930	Vo Turkey	9785	2100-2130	CRI Beijing	11640/Mali, 13630/Mali (Af)
1845-1900	R Congo, Brazzaville	4765, 6115; Sa, Su #	2100-2158	Vo Korea, Py	13760, 15245
1851-1950	RNZI	7285* (Pac) Su-Fr	2100-2200	BBC WS	9410/ASC, 11810/ASC, 12095/ASC (Af)
..... 19:00			2100-2200	CRI Beijing	5960/ALB, 7285/ALB, 7415/Kash, 9600/Kash; 7205/Xi, 7325/Be (Af)
1900-1930	Follow the Bible	12005/ASC, 12030/UAE (Af)	2100-2200	R France	15770/FL Mo/Tue
1900-1930	Vo Vietnam	7280, 9730 (Af/ME)	2100-2200	RN Angola	4950, 7215v# (Af)
1900-1958	Vo Korea, Py	9875, 11635 (ME) 7210, 11910 (SAf)	2100-2200	VoA	1530/STP, 6195/BOT, 15580/BOT (Af)
1900-2000	BBC WS	3255/RSA, 6190/RSA, 7445/MDG, 9410/UAE, 11810/ASC, 15400/ASC (AF)	2100-2200	WBCQ	7490; Mo-Fr (NAm)
1900-2000	CRI Beijing	7295/Kash, 9440/Kun (WAs/Waf/NAf)	2100-2200	WHRI	17540 (LAm)
1900-2000	KVOH	17775 (LAm) Fr	2100-2200	WRMI	15770 (incl Relais)
1900-2000	R Biafra	11530/WHRI (Af)	2100-2400	WRMI	9955 (LAm)
1900-2000	RHC	15140 (NAm)	2115-2245	R Cairo	9800
1900-2000	R Thailand	9390	2130-2200	VoVietnam	7280, 9730
1900-2000	VoA	4930/BOT, 13590/STP, 15580/BOT (Af)	..... 22:00		
1900-2000	Vo Indonesia	9525v (+As) #	2200-2230	AWR	9720/CLN (Mo, Wed, Sa)
1900-2000	WHRI	9840; Su (NAm)	2200-2300	BBC	3915/SNG, 5890/SNG, 5955/UAE, 6195/SNG, 7205/Om, 7305/Om, 9890/Om, 12010/Palau, 13660/Palau (As)
1900-2030	R Cairo	15290 (Af)	2200-2300	CRI	9590/Be (As)
1900-2100	R Vanuatu	3945 (Pac)	2200-2300	KBS World R	11810; 13705 (EAs)
1900-2200	R Lead Africa	7425/RSA (Eaf)	2200-2300	PCJ R Int	9955/FL (LAm)
1900-2400	WEWN	15610 (Af)	2200-2300	R Romania Int	7315, 9760; 7325, 9790 (As)
1900-1100	SIBC	5020v (+Pidgin)	2200-2300	Vo Turkey	9830 (+ENAM)
1900-2400	WEWN	15610 (Af)	2200-2300	WBCQ	7490; Su-Fr (NAm)
1920-2020	IRIB	9810; 9800 (Af)	2200-2300	WHRI	9505; Sa/Su (NAm)
1930-1945	Eternal Good News	6030/N; Sa	2200-2300	WHRI	15760 (WNAm) Su
1930-2000	PAB	5930/N; Su	2200-2400	WBCQ	7490; Su (Am)
1930-2015	Bible Voice	7425/N (ME) Sa/Su	2200-1000	Caribbean Beacon / World Uni. Netw.	6090 (CAm), 13845 (NAm)
1930-2400	WINB	9265 (LAm)	2200-2400	WWCR 1	6115 (+ENAm)
1950-2050	RNZI	9760* (Pac) Su-Fr;	2200-2400	WWRB	3215 (NAm)
..... 20:00			2230-2245	Reach Beyond Aus	15400 (EAs) Mo-Fr
2000-2030	Vatican R	7360, 9670 (Af)	2230-2300	AWR	5950/FL (LAm)
2000-2030	R Slovakia	3985/KLL #LP	2245-0045	AIR Delhi	6045/Del-Kh, 7550/Ben, 9445/Ben, 9705/Pan, 11645/Del-Kh (As)
2000-2100	BBC WS	9410/ASC, 11810/ASC, 12095/ASC (Af)	..... 23:00		
2000-2100	CRI Beijing	5960/ALB, 7285/ALB, 7415/Kash, 9600/Kash; 7295/Kash, 9440/Kun (ME/NAf); 5985/Be, 7295/, 11640/Mali, 13630/Mali (Eaf/SAf)	2300-2330	R Tirana	5850/FL (Am) Fr
2000-2100	VoA	909/BOT, 1530/STP, 4930/BOT, 4940/STP (Sa/Su), 6195/BOT, 15580/BOT(Af)	2300-2400	BBC WS	3915/SNG, 6195/SNG, 7305/Om, 9740/SNG, 9890/UAE (As)
2000-2100	WBCQ	7490 (NAm) Tue-Thu	2300-2400	CRI	7350/Kash; 5990/CUBA (Caribbean); 5915/Kash, 6180/Be, 11690/Kash, 11790/Xi, 11955/Kun (SAs)
2000-2100	WHRI 1	11750 (+WNAm) Su	2300-0030	R Cairo	9965 (NAm)
2000-2100	WHRI 3	21610 (Af)			

2300-2400	WHRI	7315 (LAm); 9505, Sa (NAm)
2300-2400	WRMI	9850, 11580 (incl. Relais)
2300-0100	RHC	5040 (LAm), 11880 (Af)
2330-2400	Vo Vietnam	9840, 12020 (As)
2345-2400	Eternal Good News	7315 (LAm) Su

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Time of transmissions in UTC = MET minus 1 hour
Sendezeiten in UTC =
Mitteuropäische Zeit (MEZ) minus 1 Stunde

Abkürzungen / Abbreviations:

with name of station / bei Station:

BC = Broadcaster, Int. = International, R = Radio, Vo = Voice of

Location of transmitters with QRG / Senderstandorte bei Frequenz:

Al = Aligarh, ALB = Albania, Be = Beijing, Ben = Bengaluru, BOT = Botswana, BUL = Bulgaria, CLN-T = Trincomalee / Sri Lanka, Del = Delhi, ERV = Erivan/Armenia, F = France, FL = Okeechobee Florida / USA, Jin = Jinhua / CHN, KLL = Kall / Eifel /D, Kash = Kashgar / CHN, KOR = South Korea, Kun = Kunming / China, Ku = Kununurra/AUS, KWT = Kuwait, LTH = Lithuania, M = Moscow / Taldom, MCO = Monaco, MDA = Moldavia / Kichinev, MDG = Talata/ Madagascar, MRA = Northern Marianas, N = Nauen /D, OM = Oman, Pan = Panaji, ROM = Romania, ROW = Rohrbach Waal (Germany), RSA = Meyerton /South Africa, SAI= Saipan (MRA), SNG = Singapur, STP = Sao Tomé et Principé, SWZ = Swaziland, TH = Nakhon Sawan / Thailand, TIN = Tinian (Northern Marianas), TJK = Dushanbe / Tajikistan, TWN = Taiwan, UAE = Al Dhabbaya / United Arab Emirates, Ur = Urumchi / CHN, UZB = Usbekistan, VAT = Vatican, Wee = Weenermoor / D, Wil – Winsen/Luhe /D, Wof = Woofferton / GB, Xi = Xian / CHN, YAM = Yamata /Japan.

CRI MW relay stations

/cah-jil - Changchun, Jilin

/dof-hai - Dongfang Gancheng, Hainan Island

/har-hei - Harbin Xin/Xingfang Chenggaozizhen, Heilongjiang

/hdu-gua - Hua/Xin Guangzhou, Guangdong Sheng

/hnl-jia - Changzhou Heng-lin-chen, Jiangsu Sheng

/htb-xin - Hutubi, Xinjiang

/hua-jil - Huadian Yumuqiaozi, Jilin

/kash-xin - Kashi, Xinjiang

/kun-yun - Kunming, Yunnan

/xua-yun Xuanwei, Yunnan

Within round brackets target areas as known/
 In runden Klammern die Zielgebiete, soweit bekannt.

Af = Africa, Am = America, As = Asien, Aus = Australien; Pac = Pacific Region, C = Central, E = East, N = North, S = South, W = West, ME = Middle East. LAm = Latin America

multi = multi language program / auch andere Sprachen

Technical hint with QRG / Technischer Hinweis bei Frequenz:

(*) = Digital Radio broadcast (DRM)

/USB = upper sideband /oberes Seitenband,

/LSB = lower sideband / unteres Seitenband,

(alt: QRG) = alternative frequency / alternative Frequenz /

v = variable / variabel, irr = not regular

= mostly difficult to hear, possible transmitter break-down/off

/ meist schwieriger Empfang, eventuell Senderausfall

= Sendezeiten können variieren bzw. sind nicht bestätigt in B17

/ times of transmission may vary or are not verified in B17

#LP = low power station < 2000W

! Given transmitter sites may be changed due to propagation.

Some transmissions may be heard as well outside the target areas.

This listing may be not complete, all statements without any obligations. Changes may occur within short due to interference, propagation etc./ Die Auflistung erhebt keinen Anspruch auf Vollständigkeit, alle Angaben erfolgen ohne Gewähr. Kurzfristig sind Änderungen möglich, um z.B. störenden Stationen auszuweichen, veränderten Ausbreitungsbedingungen Rechnung zu tragen, usw.

Die Sendeperiode A18 dauert bis Ende Oktober 2018 / transmission period A18 will last until end of October, 2018.

Hints for eventual changes etc. are always appreciated:

Aktuelle Hinweise auf Änderungen sind stets willkommen an:

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Saftica/Romania 100 kW transmitter for Radio España Independiente
1956-1977

SWL / Media Programs in English, German & Spanish

March 25 – October 28, 2018 – V4a As of Aug. 27, 2018

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e-mail: <mail@wwdxc.de>

URL: <<http://www.wwdxc.de>>

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

2nd Figures behind language symbols En, Ge or Sp, indicate weeks of the month. Times and days in UTC.

STL – Satellite transmission. drmm = DRM – digital mode

Monday

0030 WRMI, E, "IBC Radio" – 7730
 0040 RRI Bucharest, E, Listeners Letterbox – 7375 9730
 0100 WRMI, Sp, La Rosa de Tokio – 5850 7780
 0103 RHC Habana, E, "DXers Unlimited" – 6000 6165 USA/CAN
 0130 WRMI, E, World of Radio – 5850 7780
 0130 WRMI, E, AWR Wavescan – 9955
 0130 WRN E, "World of Radio" NoAM, Satellite
 0130 WRN E, "World of Radio" AfAsPac, Satellite
 0135 RHC Habana, Sp, "En Contacto" – 5040 6060 9535 9640 11670 11760 11840 13740 15230 NoAM/LatAM
 0200 WRMI, E, AWR Wavescan – 7780
 0200 WBCQ, E, Allan Weiner Worldwide – 7490v
 0200 RRI Bucharest, Sp – 7375 9510 9730 11945
 0209 RHC Habana, E, "DXers Unlimited" – 6000 6165 NoAM
 0300 WBCQ, E, "World of Radio" via Area 51 – 5130v
 0309 RHC Habana, E, "DXers Unlimited" – 6000 6165 NoAM
 0330 WRMI, E, World of Radio – 9955, and webcast
 0330 WBCQ, E, Hobart R International via Area 51, DXextra Shortwave and Radio Nx – 5130v
 0340 RRI Bucharest, E, Listeners Letterbox – 7375 9730 9740-drm 11825
 0400 WRMI, E, World of Radio – webcast only
 0409 RHC Habana, E, "DXers Unlimited" – 6000 6165 NoAM
 0430 WRMI, E, AWR Wavescan – 5985
 0509 RHC Habana, E, "DXers Unlimited" – 5040 6000 6060 6100 6165 NoAM
 0609 RHC Habana, E, "DXers Unlimited" – 6000 6060 6100 6165 NoAM
 0612 RRI Bucharest, G, Mailbox – 7330drmm 9770
 0800 WRMI, E, "SW Radiogram - digital" – 5850
 0830 WRMI, E, AWR Wavescan – 5850 [prob. 5950 7730]
 0930 HCJB Quito, G – 3995 7365 Weenermoor EUR
 1000 WRMI, Sp, La Rosa de Tokio – 5950
 1030 AIR Delhi, E, "Faithfully Yours" 603drmm 1053 7270 13605 13695 15410 15770 17895
 1140 RRI Bucharest, E, Listeners Letterbox – 13750 15130 15320 17670
 1145 WWCN Nashville, E, "Australian DX Report" – 15795
 1200 WRMI, Sp, Antena DX – 5950

1300 WRN E, "PCJ Media Network Plus" NoAM
 1315 WRMI, E, AWR Wavescan – 5950 9955
 1335 DeutschlandFunk Cologne, G, Medias-res
 1345 WRMI, E, "Viva Miami" – 5950 9955
 1430 AIR Delhi, E, "Faithfully Yours" alternate weeks – 9690 13695
 1500 KVOH Voice of Hope, Sp, Frecuencia al Dia – 17775
 1500 DARC Radio, via ch292 Rohrbach, G – 6070
 1600 WRMI, E, "Viva Miami" – 5950
 1630 Amateur Radio Today, via Sentec, E – 3230mey
 1740 RRI Bucharest, E, Listeners Letterbox – 9760-drm 11810
 1900 DARC Radio, via ch292 Rohrbach, G – 6070
 1910 AIR Delhi, E, "Faithfully Yours" alternate weeks – 7550drmm 9445 9910 11935 13695
 2000 WRMI, Russian, "Radio Panorama" – 5950 7780
 2030 WRMI, E, AWR Wavescan – 5950 7780
 2100 WRMI, Sp, La Rosa de Tokio – 5950 9955
 2100 WWCN Nashville, Sp, Frecuencia al Dia – 6115
 2115 WRMI, G, "RAE Buenos Aires DX" – 7780
 2200 WRMI, E, AWR Wavescan – 5950 9955
 2210 AIR Delhi, E, "Faithfully Yours" alternate weeks – 7550drmm 9445 9910 11620 11740
 2230 WRMI, Sp, Frecuencia al Dia – 9955
 2240 RRI Bucharest, E, Listeners Letterbox – 7315 7325 9760 9790
 2300 WRMI, E, "Viva Miami" – 7780 9955
 2330 WBCQ, E, World of Radio – 9330v [irr.]

Tuesday

0000 WRMI, E, AWR Wavescan – 7730
 0005 AIR Delhi, E, "Faithfully Yours" alternate weeks – 6045 7550 9445 11645
 0030 WRMI, E, World of Radio – 7730
 0100 WRMI, E, "IBC Radio" – 5850 7780
 0114 WRMI, E, RAE "ARG DXers Special" – 5950 9395
 0130 WRMI, E, AWR Wavescan – 5850 5950 7780
 0130 WRMI, Sp, Frecuencia al Dia – 9955
 0330 WRMI, E, AWR Wavescan – 5985 9955
 0510 NHK R Japan, RJ Manual, E – 5975mos 9860smg 11970iss
 1030 WRMI, It, Studio DX – 5950
 1110 NHK R Japan Tokyo, RJ Manual, E – 11695sng
 1140 RRI Bucharest, E, DX Mailbag – 13750 15130 15320 17670
 1200 WRMI, Sp, Frecuencia al Dia – 5950
 1330 WRMI, E, "Viva Miami" – 5950 9955
 1335 DeutschlandFunk Cologne, G, Medias-res
 1410 NHK R Japan, RJ Manual, E – 11705/11725pal 11935tac
 1740 RRI Bucharest, E, DX Mailbag – 9760-drm 11810
 1900 RRI Bucharest, Sp – 13810 15670
 1930 RHC Habana, E, "DXers Unlimited" – 15140 NoAM
 1932 BBCWS E, "Click" – DAB UK, 1413oma NE / ME 3255mey 6190mey 7445mdg 9410uae 11810asc 13660wof 15400asc AF
 2030 WRMI, E, World of Radio – 5950 7780
 2100 WRMI, E, AWR Wavescan – 5950

2100 RRI Bucharest, Sp – 13810 15670
 2125 WRMI, G, "RAE Buenos Aires Letterbox" – 7780
 2130 WRMI, E, World of Radio – 5950
 2130 WBCQ, Sp, Frecuencia al Dia – 7490
 2145 WRMI, E, "Viva Miami" – 9955
 2230 WRMI, Sp, Antena DX – 5850
 2230 WRMI, E, Hobart R International
 DXextra Shortwave and Radio Nx – 5950 9955
 2240 RRI Bucharest, E, DX Mailbag –
 7315 7325 9760 9790
 2300 WRMI, E, "Australian DX Report" – 9955
 2300 RRI Bucharest, Sp – 9760 11700 11800 13730
 2330 RHC Habana, E, "DXers Unlimited" – 5040 AM
 2330 RHC Habana, E, "DXers Unlimited" – 11880 AF
 2330 WBCQ, E, World of Radio – 9330v

Wednesday

0030 WRMI, It, Studio DX – 9955
 0040 RRI Bucharest, E, DX Mailbag – 7375 9730
 0100 WRMI E, "PCJ Media Network Plus"
 5850 7780 NoAM
 0100 WBCQ, E, Amateur Radio Roundtable – 5130v
 0130 RHC Habana, E, DXers Unlimited – 6000 6165 NoAM
 0145 WRMI, E, "Viva Miami" – 9955
 0200 WTWW, E, "QSO Radio Show" by Ted Randall, – 5085
 0200 WBCQ, E, Amateur Radio Roundtable – 5130v
 0200 RRI Bucharest, Sp – 7375 9510 9730 11945
 0230 RHC Habana, E, DXers Unlimited – 6000 6165 NoAM
 0300 WTWW, E, "QSO Radio Show" by Ted Randall, – 5085
 0300 WRMI, E, "Viva Miami" – 9955
 0330 RHC Habana, E, DXers Unlimited – 6000 6165 NoAM
 0330 WRMI, Sp, Frecuencia al Dia – 5985
 0340 RRI Bucharest, E, DX Mailbag –
 7375 9730 9740-drm 11825
 0430 WRMI, Sp, Antena DX – 5985
 0430 RHC Habana, E, "DXers Unlimited" – 6000 6165 NoAM
 0432 BBCWS, "Click" E – UK DAB, 1413oma NE/ME
 12095oma 13580oma NE/ME
 0530 RHC Habana, E, "DXers Unlimited" –
 5040 6000 6060 6100 6165 NoAM
 0630 RHC Habana, E, "DXers Unlimited" –
 6000 6060 6100 6165 NoAM
 0632 BBCWS, "Click" E – 6190mey 7445mey SoAF
 12095mey 13580mdg 15420uae AF
 1000 WRMI, E, AWR Wavescan – 5950
 1030 WRMI, E, World of Radio – 5950
 1200 WRMI, E, AWR Wavescan – 5010 / 5950
 1335 DeutschlandFunk Cologne, G, Medias-res
 1345 WRMI, E, "Viva Miami" – 5950 9955
 1530 BBC R4, "The Media Show", E –
 LW 198, MW, FM, DAB, STL, livestream online
 1700 WRMI, E, "Viva Miami" – 5950
 1832 BBCWS E, "Click" – 3255mey 6190mey 7445mdg SoAF
 9410uae 9915asc 11810asc 15400asc AF
 1930 WWCN Nashville, E, "Ask WWCN" – 15825
 2000 "IBC Radio" E – 5845erv 6070ch292 1584-Italy
 2100 WRMI, E, World of Radio – 9955

2100 WBCQ, E, World of Radio – 7490v
 2115 WRMI, E, "Viva Miami" – 5950
 2125 WRMI, G, "RAE Buenos Aires Letterbox" – 7780
 2130 WRMI, Sp, Frecuencia al Dia – 5950
 2200 WRMI, Sp, La Rosa de Tokio – 9955
 2300 WRMI, E, "Viva Miami" – 7780
 2330 WBCQ, E, World of Radio – 9330v [irr.]

Thursday

0000 WRMI, E, AWR Wavescan – 9955
 0030 WRMI, E, AWR Wavescan – 7730
 0030 WRMI, Sp, Frecuencia al Dia – 9955
 0130 WRMI, E, AWR Wavescan – 5850 5950 7780
 0300 WRMI, E, "Australian DX News" – 9955
 0345 WRMI, E, "Viva Miami" – 9955
 0820 Radio Belarus, "Letterbox" G, Kall relay – 6005
 1135 Voice of Turkey, G, Letterbox – 13760
 1200 WRMI, Sp, Antena DX – 5950
 1300 WRMI, Sp, Frecuencia al Dia – 9955
 1335 DeutschlandFunk Cologne, G, Medias-res
 1345 WRMI, E, "Viva Miami" – 5950 9955
 1444 RRI Bucharest, G, Netz Welt – 9600 11910
 1735 Voice of Turkey, G, Letterbox – 9840
 1740 RRI Bucharest, E, DX Mailbag – 9760 11810
 1844 RRI Bucharest, G, Netz Welt – 6090 9775
 2130 WRMI, E, AWR Wavescan – 5950
 2230 WRMI, E, World of Radio – 5850
 2240 RRI Bucharest, E, DX Mailbag –
 7315 7325 9760 9790
 2330 WBCQ, E, World of Radio – 9330v [irr.]

Friday

0030 WRMI, Sp, Antena DX – 9955
 0100 WRMI, E, "IBC Radio" – 9955
 0200 WRMI, E, AWR Wavescan – 5950 9395
 0330 WRMI, E, Hobart R International
 DXextra Shortwave and Radio Nx – 5985
 1000 WRMI, E, "Viva Miami" – 5950
 1030 WRMI, Sp, Frecuencia al Dia – 5950
 1305 Voice of Turkey, E, Letterbox, fortnightly – 15450
 1335 DeutschlandFunk Cologne, G, Medias-res
 1345 WRMI, E, "Viva Miami" – 5950 9955
 1500 KVOH Voice of Hope, Sp, Frecuencia al Dia – 17775
 1530 BBC R4, Feedback, E – LW 198, MW, FM, DAB, online
 1705 Voice of Turkey, E, Letterbox, fortnightly – 15520
 1900 ch292 Rohrbach Ingolstadt, E, "BCL News" – 6070
 1905 Voice of Turkey, E, Letterbox, fortnightly – 9785
 1940 R Taiwan Int, G, ADDX Club news, 2nd – 6185wof
 1940 R Taiwan Int, G, ADDX DX tips, 4th – 6185wof
 2030 WRMI, E, "SW Radiogram - digital" – 5950 7780
 2100 WWCN Nashville, Sp, Frecuencia al Dia – 6115
 2105 Voice of Turkey, E, Letterbox, fortnightly – 9620
 2115 WRMI, G, "RAE Buenos Aires DX" – 7780
 2130 WRMI, It, Studio DX – 5950
 2200 WRMI, E, "Media Network Plus" – 5950 9955
 2235 Voice of Turkey, E, Letterbox, fortnightly – 9830

2300 WRMI, E, "Viva Miami" – 7780 9955
 2330 WBCQ, E, World of Radio – 9330v [irr.]

Saturday

0000 and 0100-0145 WBCQ, E, Allan Weiner Worldwide,
 Area 51, – 5130v 7490v
 0000 WRMI, Sp, Frecuencia al Dia – 7730
 0015 WRMI, E, "Australian DX Report" – 9955
 0030 WRMI, E, AWR Wavescan – 7730
 0114 WRMI, E, "ARG DX" – 5950 9395
 0115 WRMI, E, "Viva Miami" – 5850 7780
 0130 WRMI, E, AWR Wavescan – 9955
 0130 WRMI, E, "IBC Radio" – 5850 7780
 0315 Voice of Turkey, E, Letterbox, fortnightly – 6165 9515
 0330 WRMI, Sp, "Viva Miami" – 5985
 0400 WRMI E, "PCJ Media Network Plus" 7730 NoAM
 0425 HCJB Quito, G – 3995 5920 7365 Weenermoor EUR
 0425 HCJB Quito, G, AGDX-px by Olaf Mertens **3rd** –
 DX-Medien **x3rd**
 3995 (5920 7365) Weenermoor EUR
 0430 WRMI, Sp, Frecuencia al Dia – 5985
 0615 R France Internat, E, "The Sound Kitchen" – 11830
 0630 HLR via Goehren-Germany, E, World of Radio – 6190cusb
 0630 HCJB Quito, G – 3995 5920 7365 Weenermoor EUR
 0630 HCJB Quito, G, AGDX-px by Olaf Mertens **3rd** –
 DX-Medien **x3rd**
 3995 5920 7365 Weenermoor EUR
 0900 WRN Europe, World of Radio, / Sky Channel E
 1000 HCJB Quito, G – 3995 5920 7365 Weenermoor EUR
 1000 HCJB Quito, G, AGDX-px by Olaf Mertens **3rd** –
 DX-Medien **x3rd**
 3995 5920 (7365) Weenermoor EUR
 1005 WDR5 Cologne, Toene/Texte/Bilder, G – FM, STL, DAB-S
 1050 BBCWS E, "Over to You" – DAB UK,
 6195sng 9410sng 11695sng SoEAS / SoAS
 1100 WRMI, E, AWR Wavescan – 5950 9955
 1105 DeutschlandRadio Kultur, Berlin, G, Breitband Media
 1140 RRI Bucharest, E, DX Mailbag –
 13750 15130 15320 17670
 1245 WRMI, E, "Viva Miami" – 5950 9955
 1320 SR2 Saarebruck, Medienwelt, G – FM, STL Astra, DAB-S
 1400 HLR Goehren, E, PCJ "Media Network Plus", – 6190cusb
 1430 HLR Goehren-Germany, E, World of Radio – 6190cusb
 1500 E, "IBC Radio" / "ARG DX Actuality" / "Mighty KBC" –
 9400sof EUR
 1500 WRMI, E, AWR Wavescan – 5950
 1530 KVOH, E, AWR Wavescan – 17775
 1600 SW Radiogram [digital tests MFSK32] E – 9400sof EUR
 1600 WRN, E, "World of Radio" – EUR satellite
 1600 WRN, E, "World of Radio" – NoAM satellite
 1600 WRN, E, "World of Radio" – AfAsPac satellite
 1630 Voice of Turkey, Sp – 11930
 1630 HCJB Quito, G – 3995 5920 7365 Weenermoor EUR
 1630 HCJB Quito, G, AGDX-px by Olaf Mertens **3rd** –
 DX-Medien **x3rd**
 3995 5920 (7365) Weenermoor EUR

1730 Voice of Turkey, G – 9840
 1740 RRI Bucharest, E, DX Mailbag –
 9760-drm 11810
 1750 BBCWS E, "Over to You" – DAB UK, 1413oma NE/ME
 1811 RRI Bucharest, G – 6090 9775
 1900 WTWW, E, "QSO" with Ted Randall – 9475
 1900 "Hobart R Internat", E, via ch292 Rohrbach – 6070
alternate weeks
 1950 BBCWS E, "Over to You" – DAB UK
 2000 WTWW, E, "QSO" with Ted Randall – 9475
 2010 KBS World Radio Seoul, G, DX **1st** – 3955wof EUR
 2030 WRMI, E, "Viva Miami" – 5950 7780
 2052 Voice of Turkey, E, Letterbox, fortnightly – 9620
 2106 Radio NZ Internat., E, Mediawatch – 13840 PAC
 2120 Radio Belarus, "Letterbox" G, Kall relay – 6005
 2130 WBCQ, E, World of Radio – 9330v [irr.]
 2200 WBCQ, E, Shortwave Saturday Night – 7490v
 2200 WRMI, Sp, La Rosa de Tokio – 5950
 2222 Voice of Turkey, E, Letterbox, fortnightly – 9830
 2230 WRMI, Sp, Frecuencia al Dia – 5850
 2240 RRI Bucharest, E, DX Mailbag –
 7315 7325 9760 9790
 2300 WRMI, E, World of Radio – 7780
 2330 WRMI, E, Hobart Radio International – 7780
 2334 IPAR/IRRS, E, World of Radio – MW 567 846 1368 irr.

Sunday

0000 WRMI, E, AWR Wavescan – 5950 7730 9395
 0030 WRMI, E, "IBC Radio" – 7730
 0040 RRI Bucharest, E, DX Mailbag – 7375 9730
 0050 BBCWS E, "Over to You" – DAB UK,
 198 LW, 5970oma 7290uzb NE/ME
 0100 WRMI, E, "Viva Miami" – 9955
 0100 Voice of Turkey, Sp – 9770 9870
 0130 WRMI, E, "IBC Radio" – 5850 9395
 0200 WRMI, E, World of Radio – 7780
 0200 WTWW, E, "QSO" with Ted Randall – 5085
 0300 WTWW, E, "QSO" with Ted Randall – 5085
 0300 WWCN Nashville, E, "Ask WWCN" – 4840
 0303 WDR5 Cologne, Toene/Texte/Bilder, G – FM, STL, DAB-S
 0315 WWCN Nashville, E, "Australian DX Report" – 4840
 0330 WWCN Nashville, E, "AWR Wavescan" – 4840
 0330 WRMI, E, Hobart R International
 DXextra Shortwave and Radio Nx – 9955
 0330 WRMI, Sp, "Viva Miami" – 5985
 0340 RRI Bucharest, E, DX Mailbag –
 7375 9730 9740-drm 11825
 0510 NHK R Japan Tokyo, Friends Around the World, E –
 5975mos 9860smg 11970iss
 0800 Radio Menschen & Geschichten, Nauen G
last week – 6045nau 7310kll
 0800 Amateur Radio Today, via Sentec, E –
 SW 7082lsb 7205mey 17760mey[17660 scheduled]
 0820 Radio Belarus, "Letterbox" G, Kall relay – 6005
 0844 InfoRadio, Rundfunk Berlin-Brandenburg (rbb), G,
 Medienmagazin – FM, DAB+, STL Astra digital

0900 DARC Radio, via ORS Moosbrunn relay, G – 6070
 0900 WRN Europe, E, "PCJ Media Network Plus" EUR
 0945 WWCR Nashville, E, "Ask WWCR" – 4840
 0950 BBCWS E, "Over to You" – DAB UK,
 6195sng 9740sng SoEAS / SoAS
 1000 HLR Goehren-Germany, E, "Media Network Plus" –
 9485cusb
 1000 Radio Menschen & Geschichten, Kall relay **G last w.**
 6005
 1000 Joystick, via ORS Moosbrunn relay, G **1st** – 7330
 1012 Radio NZ Internat., E, Mediawatch – 7425 PAC
 1030 WRMI, E, AWR Wavescan – 5950
 1030 HLR Goehren-Germany, E, World of Radio – 9485cusb
 1030 "Radio IBC" via ch292 Rohrbach Germany, E – 6070
 1045 WRMI, E, "Viva Miami" – 9955
 1110 NHK R Japan Tokyo, "Friends Around the World", E –
 11695sng
 1135 Voice of Turkey, G, Letterbox – 13760
 1140 RRI Bucharest, E, DX Mailbag –
 13750 15130 15320 17670
 1200 AWR Wavescan Zambia, E, AF – 9680 13680
 1205 BR5 Munich, Medienmagazin, G –
 FM, STL Astra digital, DAB+, Livestream
 1300 WRMI, E, AWR Wavescan – 9395
 1324 InfoRadio, Rundfunk Berlin-Brandenburg (rbb), G,
 Medienmagazin – FM, DAB+, STL Astra digital
 1335 RHC Habana, Sp, "En Contacto" – 9535 11760
 11840 15230 15370 17580 17730 NoAM/ LatAM
 1410 NHK R Japan Tokyo, "Friends Around the World", E –
 11705/11725pal 11935tac
 1414 RRI Bucharest, G, Letterbox – 9600 11910
 1435 BR5 Munich, Computermagazin, G –
 FM, STL Astra digital, DAB+, Livestream
 1530 AWR Wavescan Asia, E, CHN/IND – 15670nau
 1600 AWR Wavescan Asia, E, AS/IND – 9580trm 11950sof
 1600 ch292, E, HRI DX Extra SW and Radio Nx **3rd** – 6070
 1600 WRN, E, "PCJ Media Network Plus" – NoAM
 1700 Radio Menschen & Geschichten, Kall relay G
last week – 3985
 1735 Voice of Turkey, G, Letterbox – 9840
 1740 RRI Bucharest, E, Listeners Letterbox – 9760-drm 11810
 1800 Radio Menschen & Geschichten, Yerevan Gavar relay G
first Sunday – 6145
 1814 RRI Bucharest, G, Letterbox – 6090drm 9775
 1835 BR5 Munich, Computermagazin, G –
 FM, STL Astra digital, DAB+, Livestream
 1900 WRMI, E, World of Radio – 9395
 1900 RRI Bucharest, Sp – 13810 15670
 1902 BBC R4, E, "Feedback" – LW 198, MW, FM, DAB, online
 1909 RHC Habana, E, "DXers Unlimited" – 15140 NoAM
 1930 WRMI, E, AWR Wavescan – 9395
 1937 RHC Habana, E, "Mailbag" – 15140 NoAM Chicago
 2015 WRMI, E, "Viva Miami" – 5950 7780
 2030 WRMI, E, "Radiogram - digital" – 5950 7780
 2100 RRI Bucharest, Sp – 13810 15670
 2104 IPAR/IRRS, E, World of Radio – MW 567 846 1368 irr.
 2130 WRMI, E, World of Radio – 7780
 2200 WRMI, Sp, La Rosa de Tokio – 11580

2200 WRMI, E, AWR Wavescan – 5950 9955
 2235 RHC Habana, Sp, "En Contacto" – 5040 9535 9640
 11760 11840 13740 15230 15370 15730 LatAM
 2240 RRI Bucharest, E, Listeners Letterbox –
 7315 7325 9760 9790
 2300 WRMI, E, AWR Wavescan – 7780
 2300 RRI Bucharest, Sp – 9760 11700 11800 13730
 2309 RHC Habana, E, "DXers Unlimited" – 5040 USA/CAN
 2309 RHC Habana, E, "DXers Unlimited" – 11880 AF
 2330 WRMI, E, "SW Radiogram - digital" – 7780
 2330 WBCQ, E, World of Radio – 9330v [irr.]
 2332 BBCWS E, "Click" – UK DAB, online
 3915sng 6195sng 7305oma 9740sng

RAE broadcasts via WRMI FL-USA at present:

0100 9395 Tue-Sat English, and 5950 kHz too.
 0800 5950 Mandarin Chinese
 0900 5950 Japanese
 1100 9955 Mon-Fri Portuguese
 2100 7780 Mon-Fri German
 2200 7780 Mon-Fri Italiano, and 9395 kHz too
 2200 5010 Mon-Fri Spanish
 2330 7780 Mon-Fri French

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

Ask WWCR <www.wwcr.com/ask-wwcr.html>
 Australian DX Report <<http://adxr.podbean.com>>
 AWR "Wavescan" <http://awr.org/program/engmi_wav-2/>
 BBC R4 Feedback <www.bbc.co.uk/radio4> (live+archive)
 BBC World Service "Click"
 <www.bbc.co.uk/programmes/p002w6r2>
 BBC World Service "Over to You"
 <www.bbc.co.uk/programmes/p002vsn8>
 DigiDX <<http://www.digidx.uk/>>
 DXers Unlimited <<http://dxersunlimited.blogspot.com>>
 Happy Station/Media Network Plus:
 <www.pcjmedia.com/medianetworkplus>
 Hobart Radio Int "DX Extra" <www.hrradio.org>
 NHK Radio Japan
 <[https://www3.nhk.or.jp/nhkworld/resources/brochure/pdf/rj_frequ
 ency.pdf](https://www3.nhk.or.jp/nhkworld/resources/brochure/pdf/rj_frequency.pdf)>
 KBS World Radio: <<http://world.kbs.co.kr/english>>
 Shortwave Radiogram <<http://swradiogram.net/>>
 World of Radio <www.worldofradio.com>
 WRMI <www.wrmi.net>
 (thanks to BrDXC-UK British DX Club item)

PHILIPPINES - GENERAL DOUGLAS MACARTHUR'S FAVORITE SHORTWAVE CALLSIGN by Adrian M. Peterson

It was back on August 5, 1944, during World War 2 in the Pacific, that Corporal William Becker at an American weather station at Northern Samar in the Philippines, sent a radio message in Morse Code to General Douglas MacArthur at his headquarters in Hollandia, Dutch New Guinea. As part of his radio message, he asked: Where is your radio station KAZ located? Corporal Becker inserted into his question, a touch of mild profanity, which we have removed.

Quite unexpectedly as far as Colonel Becker was concerned, he did receive a reply from General MacArthur about other matters that were in the colonel's radio message. However, MacArthur did not respond to the inquiry about radio station KAZ, and he did not reveal to the colonel the actual location of radio station KAZ.

So then our question would be: Where was MacArthur's radio station KAZ located? In response, we could ask another question: Which presidential aircraft is Air Force One? The answer to that question is quite simple: In whatever airplane the president of the United States happens to be a passenger, that is Air Force One.

Likewise, whatever radio station General MacArthur chose for the transmission of an official wartime message, that station was at that time station KAZ. However, that answer is not totally accurate either. This is the story of radio station KAZ; before, during, and after World War 2 in the middle of last century.

It was back in the year 1924 that RCA, the Radio Corporation of America, established a regional office in the Philippine capital, Manila. Two years later (1926), work commenced on the construction of their first shortwave radio station in the Philippines at a location nine miles south from Manila.

According to a contemporary article in Time magazine, this large new radio station was established by RCP, the Radio Corporation of the Philippines, which was a Philippine subsidiary of American RCA, the Radio Corporation of America.

The article in Time magazine goes on to state that this new radio station in the Philippines was one of the largest stations in the Far East, and it was constructed specifically for communication with San Francisco in California. At that stage, the RCA communication station at San Francisco was in reality their large station located near Bolinas, a little north of San Francisco.

During the following year, 1927, four radio transmitters were activated at RCA Manila, two on mediumwave and two on shortwave. The twin mediumwave transmitters, rated at 1 kW each, were inaugurated on February 12, 1927 under the callsign KZRM with a programming service from the city studios. The first two letters in the callsign KZ indicated the Philippines back in that era; and the two final letters RM, indicated Radio Manila. Quite simultaneously, a preliminary RCA communication circuit to Bolinas California was also inaugurated.

Three years later again (1930), it was during the month of May actually, test broadcasts from RCA Manila were noted on shortwave in the United States and in Australia under the experimental callsign K1XR. Programming was a relay from the mediumwave station KZRM, and these test broadcasts continued spasmodically for a period of some six months. After that, the new shortwave communication service was officially dedicated, on November 26 (1930) under the callsigns KAZ and KBK.

Exactly one month later (1930), a special Christmas broadcast was relayed from KZRM back to the United States on two shortwave channels; KAZ on 9900 kHz and KBK on 18750 kHz. Over the following months, many other notable program broadcasts from KZRM Manila were relayed by RCA shortwave and they were heard in the United States and in the South Pacific.

In the early 1930s, additional shortwave transmitters were installed at RCA Manila, with apparently at least one at 40 kW and another at 20 kW. At the same time the KAZ channel was adjusted from 9900 kHz to 9990 kHz



Adrian M. Peterson

Over the next decade or so, RCA shortwave communication transmitter KAZ on 9990 kHz was often logged in the United States, New Zealand and Australia. However, with the Japanese military advances in the Philippines beginning on December 8, 1941, and the impending threat to the city of Manila itself, American personnel began the destruction of major facilities in the capital city area.

On the very last day of the year, December 31, 1941, the RCA mediumwave and shortwave station just nine miles south of Manila was deliberately destroyed. The 40 kW KAZ was dead, gone forever.

Nearly three months later: It was at 7:45 pm during the evening of March 12 of the following year (1942) that General Douglas MacArthur left Corregidor Island in Manila Bay, bound for Australia at the orders of the President of the United States, President Harry Truman. It was indeed an adventurous, though harrowing journey by small boat, plane and train that took them from Manila in the Philippines to Melbourne Australia where they arrived nearly ten days later.

A total of 23 people traveled in four PT boats from Corregidor island in Manila Bay, running the blockade of Japanese navy vessels along the western coasts of the Philippine Islands. Initially this squadron of four navy boats traveled in a diamond pattern, though they all soon got separated in the darkness and the stormy night. It was such a threatening storm, the weary travelers described the journey like traveling in a cement mixer; almost all of the people were seasick.

They arrived at the pineapple plantation owned by the Del Monte Corporation on northern Mindanao Island two days later, only to find that a plane load of refugees had already been evacuated to Australia on the plane that was actually schedule to carry MacArthur to Australia.. The Australian government had sent a flight of four Boeing Flying Fortress B17 bombers from Darwin on the north coast of Australia to pickup the VIP contingent on Mindanao, though only one plane arrived, due to technical problems with the other three, one of which crash landed out of fuel in the ocean near the island.

Two days later Darwin on March 16 (1942), another flight of three Boeing Flying Fortress B17 bombers flew out from, though one turned back. The two remaining planes landed on the dirt airstrip on Mindanao Island by the light of burning flares.

Next day in the early morning darkness, the two bombers took off from the Del Monte plantation for the nine hour flight back to Darwin. General Douglas MacArthur himself sat in the Radio Operators seat in his plane; the plane was under radio silence and no radio operator was therefore needed.

However, as the planes approached Darwin, word was received that Japanese planes were bombing the city, and so the planes were diverted to the Batchelor Airfield, forty miles to the south. However, no sooner had the American planes landed at Batchelor, then word was received that additional Japanese planes were on their way to bomb Batchelor. Hurriedly the MacArthur party, now aboard two ANA Australian National Airways passenger planes, the reliable Douglas DC3, took off for Alice Springs in the center of the Australian continent.

Interestingly the daily newspaper, the Adelaide Advertiser, stated in a front page news item on Wednesday March 18 (1942), that the Japanese made their 19th bombing raid of Darwin "yesterday". On that occasion, the newspaper reported, the Japanese planes bombed Darwin and Katherine, though not Batchelor. MacArthur and his party were part of the melodrama on that dramatic occasion.

In Alice Springs, MacArthur and some of the staff boarded a special narrow gauge train that took them to Terowie, in country South Australia. Thence to Adelaide for another train, the Melbourne Express, which conveyed them to the Spencer Street Station in Melbourne, where they arrived on Saturday March 21 (1942). The MacArthur family were then ensconced in the ornate Menzies Hotel at 140 Williams Street where they took over the entire third floor in the new hotel wing.

And so that's where we leave the story of General Douglas MacArthur's favorite shortwave callsign KAZ for today. Thus far we have observed that the American callsign KAZ was applied to several different transmitters (1 kW, 20 kW & 40 kW) usually on 9990 kHz at the RCA shortwave station located nine miles south of Manila in the Philippines from 1930 to 1941. When we continue this topic in a few week's time, we will observe the usage of the American callsign KAZ as it was applied to American shortwave stations in Australia.

(Adrian M. Peterson, IN, script for AWR Wavescan April 29, 2018 via DXLD, via Wolfgang Büschel)

Web-SDR Discussion

In May 2018 there was some discussion about DXing with the use of Web-SDRs in the Australian DX News, the monthly publication of the Australian Radio DX Club.

Bruce Churchill from the United States wrote this:

"First, I believe there is a misunderstanding of the difference between "Internet listening" and "remote receiver DXing". Not among all, of course but in some quarters at least. "Internet listening" consists of going to a station's URL and listening to a live radio stream. As you mentioned in the Bulletin, an excellent way to ID a parallel station on shortwave. In fact, I used this just last night to positively ID Mongolian Radio on 7260 after tuning them on SW at 0849.

I actually used this mode of listening to hear Radio Nauru and even tried getting a QSL that way - just to show you how bad the QSL scene is these days, even that brought no response! "Remote receiver DXing" on the other hand, requires the same skills that are used on your home rig(s) - understanding tuning, receiver optimization, using station schedules, unidentified stations, propagation factors and careful listening. But in addition to these, there are additional challenges: on some networks having your receiver "hijacked" in the middle of a rare DX recording session (Global Tuners); on other networks (Perseus, KiwiSDR), having the internet connection intermittently drop, requiring some innovative strategies to compile accurate logs/times, etc., or being unable to establish a connection at the critical moment because the receiver is "busy"; and perhaps most importantly, understanding shifting propagation factors across the globe. In regard to the latter, my biggest "tool" is a program called "DX Atlas" which gives me a real-time gray-line picture anywhere in the world. On my own receiver, this is hardly necessary.

Another tool I find very useful is a program called "Pizza", a freeware application that computes great circle paths from anywhere to anywhere on the globe. Thus I can compute the "DX value" of a reception using remote receivers. For example, WRMI in Okeechobee FL is not exactly a DX catch in Southern CA, but when heard from a remote receiver in NZ or Australia, becomes a bit more challenging. Sometimes the DX target broadcasts at a time that will never be heard in Southern CA, so no matter the distance, still becomes a decent DX target".

"So...what have I gained from using remote receivers? Access to stations that just would not be possible otherwise, including MW stations; "the thrill of the chase" so to speak, which matches anything I've done on my own rig; a richer educational experience in learning in-depth information about other countries; thousands of recordings of stations that are both good DX and those that provide better-than-normal reception from remote locations; and finally, extending my enjoyment of a hobby that is declining each year. So, in my view, while remote receivers may be taking advantage of today's internet and software technologies unknown in the 1970's/80's heyday of DXing, this mode of listening should be considered as normal in today's world as sitting at your own rig - and every bit as challenging.

Over the years, many DXers have travelled on exotic DXpeditions to excellent listening sites all over the globe - remote receivers are a "virtual" form of DXpeditions without the travel and cost headaches. I value my remote receiver QSLs as much as any I've received - it's not how I heard the station, but the archival value of the station or a special broadcast that provides value. My country and QSL totals are modest by any standards, but what has always brought the greatest joy to my hobby is the education in geography, languages, music and cultures from around the world and the opportunity to meet new people (DXers and radio personalities) and create new friendships".

"Thus is my view on this aspect of our hobby. Don't necessarily mean to justify this view, but more to provide an insight into what "floats my boat" about remote receiver DXing. If you would like to view my Powerpoint "Show" on this topic as presented to two DXer fests in the past year, here is a link to the show: <<https://goo.gl/acynFU>>.

This link is direct to the shared file - it does not require <www.box.com> membership. This file type is not supported for preview by <www.box.com> but the Show can be downloaded and viewed off-line. Feel free to share with the Club, again as you see fit. I don't know if this is feasible, but it would be interesting to try a webinar to share this at an ARDXC meeting sometime...

Cheers, Bruce W. Churchill"

Radio Station Holding ‘the Whole Place Together’ during and since Hurricane Maria

News anchorman Luis Penchi has slept about three hours a night when Hurricane Maria turned his radio station into one of the few sources of public information on this battered island.

Working more than 25 hours straight during the height of the devastating storm, the lay Franciscan friar and grandfather has emerged as a light in the darkness for Puerto Rican listeners trapped in a virtual telecommunications blackout.

The powerful storm knocked out electricity, internet, television and cell service for the U.S. territory’s 3.4 million people. When other radio stations went dark, WAPA 680 kept plugging, delivering a 24-hour stream of news, advice, messages and pleas for assistance from listeners desperate to connect with loved ones.



News anchorman Luis Penchi of the WAPA 680 radio station talks to Reuters in San Juan, Puerto Rico

Barefoot and wearing shorts and a wooden crucifix at the San Juan station Wednesday, the bright-eyed Penchi credited retro technology for helping WAPA power through the maelstrom, along with some divine intervention.

“I believe it was an act of God. This is the chosen station,” the 62-year-old said with laugh.

Hub of communication

In the days and hours since the storm broke, the Spanish-language station has become a cornerstone of news, sending out bulletins across the devastated U.S. territory about relief efforts, road conditions and missing people. In the words of one of its owners, Carmen Blanco, WAPA turned into the unofficial “voice of the government” about the hurricane.

With little working phone service, residents arrive in person at the station with messages to be read on the air.

Visitors have included a cardiac surgeon who made an appeal to locate the mother of a newborn baby girl in urgent need of heart surgery so the infant could be evacuated on a special medical flight to the United States. It worked. Relief workers tracked down the grateful mom.

WAPA got out the word that a nearby home for the elderly had run out of diesel for its generator. Listeners quickly responded with fuel, food and water. The station helped a kidney patient get a ride to a dialysis center, and it scored a coagulant medication for a woman within 45 minutes.

The public has taken notice.

“Those people are going to get some kind of award,” said Pablo Navarro, 74, a listener inspired by the coverage. “They held the whole place together. They were heroic.”

Analog rules

Housed in a modest single-story beige block on the south side of the capital, the station sports an American flag on its logo.

Inside are echoes of an earlier age that for now is the norm in Puerto Rico. With power limited to the station’s generator, there is no air conditioning. Electronic frills have been reduced to the minimum. At the reception area, a woman wrote messages for broadcast on a typewriter.

Anchor Penchi credits such old-school resourcefulness for the station’s durability. He said WAPA stayed on the air because it had maintained its old analogue broadcasting capacity alongside its digital equipment.

Payam Heydari, an expert in radio technology at the University of California, Irvine, said basic analogue equipment tends to provide robust transmission over long distances. In comparison, he said, digital technology is highly dependent on electricity to power the relays needed to carry a signal.

“Therefore as soon as power goes down, so do the relays” on a digital signal, Heydari said.

Prediction comes true

Penchi joined WAPA last year. A veteran journalist, he returned to his native Puerto Rico from a Franciscan brotherhood in the United States to found a separate one on the island. Not long after, he also accepted an offer to work for the family-run commercial station.

The lay friar said a clergyman told him a time would come when Penchi “would be the only voice heard on the radio” in Puerto Rico. He said he laughed it off until Maria hit and he found himself one of the few voices left broadcasting on the island.

Penchi said he is haunted by cellphone calls from people contacting the station for help from their rooftops as floodwaters rose, before the storm cut off communication.

“I heard the cries of the people calling in live on air,” he said.

Since then, Penchi and his coworkers have done all they can to provide relief to the suffering using the power of their radio signal.

Local journalists have stepped in for free to ease the workload on weary WAPA anchors. Other professionals have pitched in too.

The day after the storm, WAPA put out a call for psychologists to come speak with distressed listeners arriving at the station frantic to contact loved ones.

Julio Herran, 44, volunteered. He said he has been there ever since, working as long as 15 hours a day lending an ear and doing his best to comfort the anguished.

“I make them realize they are OK. They are fine,” he said. “Then we write a message to put on the radio.”

(Reuters, September 28, 2017 3:36 AM - <<https://www.voanews.com/a/puerto-rico-radio-station-hurricane-maria/4047762.html>>)

TWR’s Bonaire Facility Gets 440,000 Watt Makeover by James E. O’Neal

Power boost makes station most powerful in Western Hemisphere

In an era when most operators are reluctant to spend even very modest sums maintaining AM broadcast facilities, a southern Caribbean Island medium-wave broadcaster has “gone for the gold,” rebuilding its transmission facility and boosting power nearly five-fold from 100 kW to 440 kW.



The four-tower antenna system by day (Courtesy TWR)

The rebuild was more of a “second coming” for the 800 kHz facility, located in Bonaire, an island that is part of The Netherlands, situated about 100 miles off the Venezuelan coast. The station is owned and operated by Trans World Radio, one of the world’s largest evangelical media organizations.

According to Lauren Libby, TWR’s president and CEO, the station went on the air in 1963 at the 500,000-Watt level, but costs associated with operating and maintaining a high-power tube-type rig eventually forced a cutback to 100 kW in 1998.

(RADIOWORLD - May 14, 2018 - <<https://www.radioworld.com/news-and-business/twrs-bonaire-facility-gets-440000-watt-makeover>>)

Tribute to the Island of Lombok

Because of the two major earthquakes that have struck the island of Lombok in Indonesia within a few days, we interrupt the regular flow of our topics here in Wavescan, and we present instead this feature item as a Tribute to Lombok.

Two major earthquakes have struck the island of Lombok just one week apart. The first major strike, rated at 6.4, occurred on Sunday, July 29 (2018), with a death toll of at least 17. Several hundred tourists were stranded during a hike on the volcanic Mount Rinjani due to a massive landslide, though some found an alternate route down the slopes of the mountain while others were airlifted out by helicopter.

This first quake, which struck around dawn, was also felt on the neighboring island of Bali. American TV personality and cook book author Chrissy Teigen was on vacation with her husband and two children in Bali, and she tweeted about the initial impact of this first earthquake. She described it as a massive earthquake.

Australian actress Teresa Palmer was vacationing in a treehouse, also on Bali, with her husband and their two children, and she described the tremor as violent and scary. Teresa was noted for her recent role in the Mel Gibson block buster movie "Hacksaw Ridge." She played the part of the wife of the film's dramatic hero, Desmond Doss.

The second earthquake followed just a week later, on Sunday, August 5, and it was even more violent than the earlier quake, and it measured at 7.0. More than one hundred people have died on this second occasion. A tsunami warning was issued, but the rise of ocean level was no more than six inches.

At the time of the second quake, Indonesia and Australia were co-hosting an international conference on regional security and counterterrorism on both Lombok and Bali. Radio New Zealand International, or more correctly these days, Radio New Zealand Pacific, reported that none of the delegates was injured in the earthquakes.

The volcanic mountains in Indonesia make a dramatic scene as viewed from high in the air while the passenger plane passes over the active volcanic islands in Indonesia, en route from Perth in Western Australia to Singapore Island. The pilot ensures that the plane is high above any airborne volcanic ash, and that he chooses a route over the ocean in between whatever are the less active volcanoes. Indonesia's second highest volcano, Mount Ranjani, at a little over 12,000 feet, is located on Lombok.

The shape of the island of Lombok is like a five sided pentagon with feet sticking out in the southern corners. The island is 43 miles across, and it is located about half way between North Queensland and Singapore. There is a shortage of fresh water on Lombok.

During the year 1257, historians tell us, there was a massive volcanic explosion on Lombok that is described as one of the very largest ever recorded on planet Earth. As a result of this Mt. Samalas volcanic explosion, weather patterns all around the world were altered.

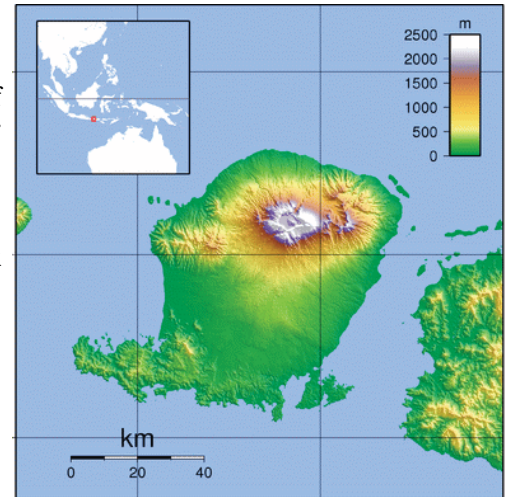
Since the early days of settlement on Lombok, feuding among various rulers and ethnic groups has been a part of the local political scene. The colonial Dutch authorities were invited to intervene in 1894. Japanese forces arrived at 5:00 pm on Saturday, May 9, 1942. When the Japanese left, the Dutch took over again; and then in 1958, the island of Lombok was incorporated into the newly independent Indonesia.

These days, Lombok Island has a population of 3-1/3 million, people and the capital city of the island is Mataram with 1/3 million.

According to Alan Davies in England with his website Asiawaves, there are some 35 FM stations on the air on Lombok Island. Radio Republic Indonesia-RRI operates two program networks on FM with a total of seven FM transmitters, and also one lone mediumwave transmitter.

(Dr. Adrian M. Peterson, Wavescan, August 2018)

PS: Another huge 6.2 magnitude earthquake hit the Indonesian island of Lombok on Thursday, August 9, the third in a string of quakes in the region, as stranded villages begin to run out of food and clean water while hospitals are flooded with the injured.



Island of Lombok (Source: Wikipedia)

RADIO FREE ASIA COMMEMORATES 22 YEARS WITH NEW QSL

Radio Free Asia (RFA) announces its 22nd Anniversary QSL. RFA is bringing free press to closed societies. RFA's first broadcast was in Mandarin on September 29, 1996 at 2100 UTC. RFA is a private, nonprofit corporation broadcasting news and information to listeners in Asian countries where full, accurate and timely news reports are unavailable. Acting as a substitute for indigenous free media, RFA concentrates coverage on events occurring in and / or affecting Burma, Cambodia, Laos, North Korea, the People's Republic of China and Vietnam. This latest RFA QSL design shows a standard RFA microphone flag used by many of our field reporters. This one rests on a surface in our Vietnamese audio studio in Washington DC. **This is RFA's 68th QSL design and is used to confirm all valid RFA reception reports from September 1 to December 31, 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. 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 and by mail to:

Reception Reports
Radio Free Asia
2025 M. Street NW, Suite 300
Washington D. C. 20036
United States of America



Aktueller Sendeplan auf der RFA-
Homepage:

<http://www.rfa.org>

RFA's AJ via Siegbert Gerhard, Frankfurt

SUPPLEMENT TO DX MAGAZINE 8/9 - 2018

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by August 18th, 2018 · compiled by Michael Bethge

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WORLDWIDE DX CLUB

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

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

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

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1. "REPORTING GUIDE", published by the EUROPEAN DX COUNCIL (€2.00 or 2 IRC's).
2. "EDXC RADIO COUNTRIES LIST 2007", published by the EUROPEAN DX COUNCIL (€2.00 or 2 IRC's).
3. "WORLD RADIO TV HANDBOOK 2018", published by WRTH Publications Limited in December 2017 (€42.00, including postage and packing inside Europe).
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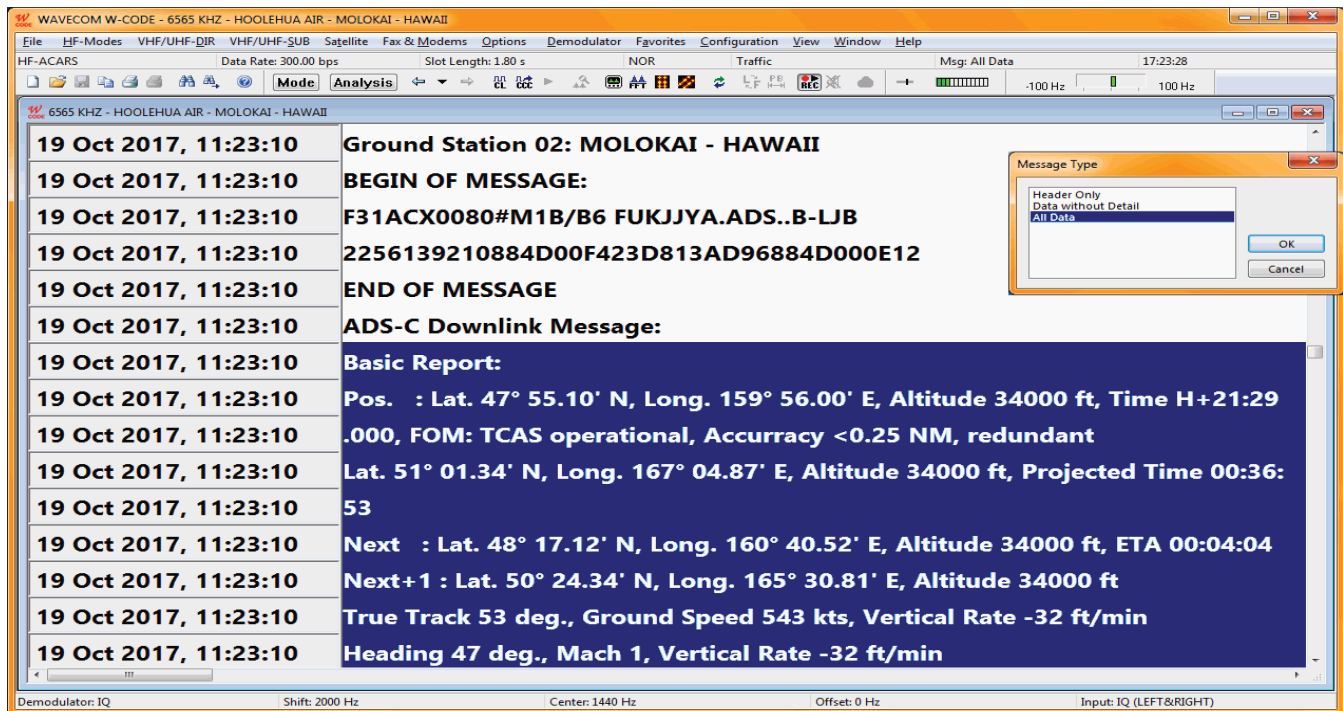
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