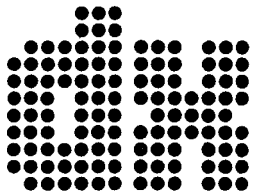


12 - 2014 € 1,50

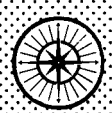
BBC ORTF
ADIO MOSKOU
NDR RAI TVR



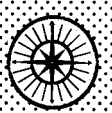
ISSN 0175-6877



newstime



WORLD WIDE DX CLUB



Staff of WORLDWIDE DX CLUB:

- PRESIDENT AND CHIEF EDITOR** . . . ✉ WWDXC Headquarters, Michael Bethge, Postfach 12 14, D-61282 Bad Homburg, Germany ● E-Mail: mail@wwdxc.de
☎ +49-6172-123118 ● ☎ +49-6172-123117
- BROADCASTING NEWS EDITOR** . . . ✉ Walter Eibl, Postfach 15 45, D-91005 Erlangen, Germany
E-Mail: news@wwdxc.de
- LOGBOOK EDITOR** ✉ Ashok Kumar Bose, Unit # 28, 7035, Rexwood Road, Mississauga, Ontario, L4T 4M6, Canada ● E-Mail: logbook@wwdxc.de
- QSL CORNER EDITOR** ✉ Dario Gabrielli, Viale della Resistenza 33b, I-30031 Dolo (Ve), Italy
E-Mail: qsl@wwdxc.de
- TOP NEWS EDITOR (Internet)** ✉ Wolfgang Büschel, Hoffeld, Sprollstrasse 87, D-70597 Stuttgart, Germany ● E-Mail: topnews@wwdxc.de
- TREASURER & SECRETARY** ✉ Karin Bethge, Urseler Strasse 18, D-61348 Bad Homburg, Germany
- NEWCOMER SERVICE OF AGDX** . . ✉ Hobby-Beratung, c/o AGDX, Postfach 12 14, D-61282 Bad Homburg, Germany (please enclose return postage)

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

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

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

WORLD RADIO TV HANDBOOK 2015

Prices for orders from WORLDWIDE DX CLUB ■ Preise bei Bestellung beim WORLDWIDE DX CLUB:

€32.00, including postage and packing inside Europe.

Delivery against advance payment by International Money Order, cheque in € drawn on a German bank (otherwise please add € 5.00 for bank charges), cheque in US\$ drawn on a US bank, cash in any convertible currency, Postal Money Order or transfer to our bank accounts: Raiffeisenbank Graevenwiesbach (IBAN: DE75 5006 9345 0100 0199 84 - BIC/SWIFT-Code: GENODE51GWB) or ING/Netherlands (IBAN: NL08 INGB 0003 8228 40 - BIC/SWIFT-Code: INGBNL2A).

Der obige Preis enthält Porto und Verpackung. Lieferung gegen Vorauszahlung durch Überweisung, Scheck in € (gezogen auf eine deutsche Bank, sonst € 5,00 zusätzlich für Bankgebühren), Postanweisung oder Bargeld. Konten: Raiffeisenbank Grävenwiesbach (IBAN: DE75 5006 9345 0100 0199 84 - BIC/SWIFT-Code: GENODE51GWB) und ING/Niederlande (IBAN: NL08 INGB 0003 8228 40 - BIC/SWIFT-Code: INGBNL2A).

DX MAGAZINE is the monthly publication of WORLDWIDE DX CLUB, Postfach 12 14, D-61282 Bad Homburg, Germany. Price for a single copy: € 1.50 or 2 International Reply Coupons (IRC's); annual subscription rate: € 18.00. Other currencies and air mail rates on request. Cover: Peter Pohle + Jürgen Kauer (KAVOP)



DX MAGAZINE No. 12

Vol. XLIX

December 2014

Hello again,

Welcome to the last issue of our DX MAGAZINE in this year 2014. Let me take this opportunity to thank you very much for all your support during this year. And now over to our usual information from outside the club:



(Cf. DXM 10/2014) **Klingenfuss Publications** have published their four new products for 2015 on December 5th:

- 2015 Super Frequency List on CD
- 2015 Shortwave Frequency Guide
- 2015 Frequency Database for the Perseus LF-HF Software-Defined Receiver
- 2015/2016 Guide to Utility Radio Stations

Full information about these publications and ordering information can be found in their advertisement on the last page of this DX MAGAZINE. **(Klingenfuss Publications - Jörg Klingenfuss, Germany)**

The **A.I.R. Contest 2015 "Attilio Leoni"**, the annual Italian DX contest by Associazione Italiana Radioascolto, will take place from January 2nd to 8th, 2015. For full information, please write to: Bruno Pecolatto, AIR Contest Manager, Fermo Posta, I-10080 Ronco Canavese (TO), Italy, E-mail: <bpecolatto@libero.it>.

Finally, let me wish you a Merry Christmas and a very Happy New Year 2015

NEWS ABOUT BROADCASTING (+other) STATIONS

Walter Eibl · Postfach 15 45 · D-91005 Erlangen · GERMANY

ARGENTINA - 11710.746 RAE Buenos Aires S=8-9 fluttery signal, like RNA Brasilia on 11780v kHz at same time. Noted with Spanish ID at 0159-0200 UT on Nov 28, but announced to be followed by French program, so confirmed various observations in past 2 weeks, which reported change in foreign language schedule timing at RAE. At 0201 UT French ID and service started with tango music from 0202 UT.
(wb, wwdxc BC-DX TopNews Nov 28)

AUSTRALIA - A publication [on the Darwin transmitter station] was just released several weeks ago and is excellent reading. Check it out! It is freely available by clicking on the link below:
<https://docs.google.com/document/d/1UNdnN_ZzhPK-W3uozpRjcy5fvL0JNjJr2UUUygcTz0E/edit>
Rob Wagner VK3BVW (via SW TXsite by Ian, SW TXsite Nov 17)

<<http://medxr.blogspot.com.au/2014/11/radio-australia-darwin-transmitter-many.html>>
<https://docs.google.com/document/d/1UNdnN_ZzhPK-W3uozpRjcy5fvL0JNjJr2UUUygcTz0E/edit?usp=sharing>
<https://docs.google.com/document/d/1UNdnN_ZzhPK-W3uozpRjcy5fvL0JNjJr2UUUygcTz0E/edit?pli=1>

(Andrea Borgnino-ITA IW0HK, SW TXsite Nov 21)

AUSTRIA - Frequency change of HCJB The Voice of Andes via MBR / ORS:

1530-1600 NF11900 OE 100 kW 095 deg to CAs Russian Sa, ex11700

1600-1630 NF11900 OE 100 kW 095 deg to CAs Chechen Sa, ex11700

(Ivo Ivanov-BUL, via wwdxc BC-DX TopNews Nov 19)

AUSTRIA / GERMANY / MADAGASCAR / PALAU / USA - Winter B-14 shortwave schedule of Eternal Good News with George Brayan:

0445-0500 9830 HRI 250 kW 047 deg to WEu English Sa WHRI, Angel # 2

1730-1745 21600 HRI 250 kW 085 deg to CAF English Sa WHRI, Angel # 1

1800-1815 9715 MOS 100 kW 115 deg to NE/ME English Sa Media Broadcast

1930-1945 6030 NAU 100 kW 090 deg to EEU English Sa Media Broadcast

1115-1130 21480 MDC 125 kW 045 deg to EaAS English Su Media Broadcast

1230-1245 9930 HBN 100 kW 318 deg to EaAS English Su T8WH, Angel # 3

1815-1830 7365 NAU 100 kW 105 deg to WeAS English Su Media Broadcast

2100-2115 9505 HRI 250 kW 047 deg to WEu English Su WHRI, Angel # 2

0200-0215 7385 HRI 100 kW 315 deg to WNAm English Mo WHRI, Angel # 6

(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Dec 8)

BELARUS - 11730 Belarus Radio from Minsk-Kalodzicy site, terrible audio on 11730 kHz at 1130 UT Nov 19, 1100-2300 UT spurious signals both sides on

11700 - 11704center - 11709 and

11751 - 11756center - 11760 kHz.

(wb, wwdxc BC-DX TopNews Nov 19)

BOLIVIA - 3310 Radio Mosoj Chaski, Cochabamba, 1000-1020 UT, yl and om in language, 2 Dec.

4451.1 Radio Santa Ana, Santa Ana de Yacuma, 2340-2350 UT, fair signal with some Spanish audio, 29 Nov.

4699.9 Radio San Miguel, Riberalta, 0030-0040 UT, with fair to poor signal in Spanish, 0910 UT with om chat with ments of two Bolivian locations possibly. 2 Dec.

5952.4 Pio XII, Siglo Veinte, at *0956 UT with om, no ID on hour heard, yl at 1004 UT one reference to Bolivia , 0020-0037 UT yl on 2 Dec; fading out 1025 UT on 2 Dec. (Robert Wilkner-FL-USA, DXplorer Dec 2)

BRAZIL [survey of active SW stations] -

QRG KWATS CALL STATE TIME BROADCASTING NAME WEB SITE

2.380 kHz 0.250 ZYG852 SP 2000-1030 Rádio Educadora de Limeira <<http://www.educadoraam.com.br>>

3.365 kHz 1.000 ZYG855 SP 0700-0300 Rádio Cultura de Araraquara <<http://www.Rádiodocultura.net>>

3.375 kHz 1.000 ZYF276 AM 0000-2400 Rádio Municipal São Gabriel da Cachoeira
<<http://www.criarbrasil.org.br/comunicacao/noticias-conteudo.asp?cod=3214>>

4.755 kHz 10.000 ZYF904 MS 0700-0300 Rádio Imaculada Conceição do MS
<<http://www.miliciadaimaculada.org.br/ver3/Rádio.asp?Rádio=>>>

4.775 kHz 1.000 ZYG207 MG 0900-2400 Rádio Congonhas <<http://www.Rádiocongonhas.com.br>>

4.785 kHz 10.000 ZYG790 RO 0900-0300 Rádio Caiari de Rondônia <<http://www.Rádiocaiari.com>>

4.805 kHz 10.000 ZYF273 AM 0930-0100 Rádio Difusora do Amazonas
<http://www.difusora24h.com/?page_id=1053>

4.815 kHz 10.000 ZYG640 PR 0755-0355 Rádio Difusora de Londrina <<http://www.Rádioalvoradalondrina.com.br>>

4.845 kHz 5.000 ZYF278 AM 0800-0200 Rádio Cultura Ondas Tropicais de Manaus
<<http://www.tvcultura.am.gov.br/site/pagina/Rádio-cultura>>

4.845 kHz 1.000 ZYG869 SP 0800-0200 Rádio Meteorologia Paulista
<<http://www.jfmg.com.br/e/sociedade-Rádio-meteorologia-paulista-1tda>>

4.865 kHz 5.000 ZYF203 AC 1000-0300 Rádio Verdes Florestas
<<http://www.diocesecruzeirodosul.org/index.php?s=Rádio-verdes-florestas>>

4.865 kHz 5.000 ZYG641 PR 0000-2400 Rádio Alvorada de Londrina <<http://www.Rádioalvoradalondrina.com.br>>

4.875 kHz 10.000 ZYG810 RR 0800-0405 Rádio Roraima <<http://www.Rádioclubedopara.com.br>>

4.885 kHz 1.000 ZYF692 GO 0000-2400 Rádio A Voz do Coração Imaculado
<<http://www.Rádiovozdocoracaoimaculado.com>> (Sinal OFF há Alguns meses)

4.885 kHz 5.000 ---- -- AC 0000-2400 Rádio Difusora Acreana <<http://www.difusora.acre.gov.br>>

4.885 kHz 5.000 ZYG362 PA 0000-2400 Rádio Clube Do Pará <<http://www.Rádioclubedopara.com.br>>

4.895 kHz 5.000 ZYR200 MS 0000-2400 Rádio Novo Tempo <<http://novotempo.com/campogrande>>

4.905 kHz 5.000 ZYG683 RJ 0730-0300 Rádio Relógio Rio de Janeiro <<http://www.Rádiorelogioam.com.br>>

4.915 kHz 10.000 ZYF691 GO 0900-0400 Rádio Daqui <<https://www.facebook.com/daquigoiania>>

4.915 kHz 10.000 ZYF360 AP 0000-2400 Rádio Difusora de Macapá <<http://www.difusora.ap.gov.br>>

4.925 kHz 5.000 ZYF271 AM 1030-0300 Rádio Educação Rural <<http://www.Rádioruraltefe.com.br>>

4.965 kHz 5.000 ZYF275 AM 2200-0200 Rádio Alvorada De Parintins <<http://www.alvoradaparintins.com.br>>

4.975 kHz 1.000 ZYG865 SP 0000-2400 Rádio Iguatemi <<http://www.Rádioiguatemi.com.br>>

4.985 kHz 10.000 ZYF690 GO 0000-2400 Rádio Brasil Central <<http://www.Rádiobrasilcentral.com.br>>

5.015 kHz 1.000 ZYF903 MT 0000-2400 Rádio Cultura De Cuiabá <<http://www.Rádioradioculturadecuiaba.com.br>>
5.035 kHz ----- AM ----- Rádio Educação Rural <<http://Rádioradiocoariamot.blogspot.com>>
5.035 kHz 10.000 ZYG853 SP 0830-0400 Rádio Aparecida <<http://www.a12.com/Rádio-aparecida>>
5.940 kHz 0.500 RÁDIO VOZ MFIONARIA SC 2100-0800 <<http://www.gideoes.com.br>>
5.965 kHz 7.500 ZYE858 RS 0300-1000 Rádio Transmundial <<http://www.transmundial.org.br>>
5.970 kHz 10.000 ZYE523 MG 0000-2400 Rádio Itatiaia <<http://www.itatiaia.com.br>>
6.000 kHz 10.000 ZYE852 RS 0700-0300 Rádio Guaíba <<http://www.Rádioradioguaiba.com.br>>
6.010 kHz 5.000 ZYE521 MG 0900-0600 Rádio Inconfidência <<http://www.inconfidencia.com.br>>
6.060 kHz 15.000 ZYE726 PR 0000-2400 SRDA Rádio Super Deus e Amor <<http://www.superRádioradiodeuseamor.com.br>>
6.080 kHz 10.000 ZYE726 PR 0000-2400 Rádio Marumby <<http://Rádioradioevangelismo.com>>
6.080 kHz 5.000 ZYE441 GO 0800-0300 Rádio Daqui <<https://www.facebook.com/daquigoiania>> [****IRREGULAR**]
6.090 kHz 10.000 ZYE956 SP 0000-2400 Rádio Bandeirantes SP
<<http://Rádioradiobandeirantes.band.uol.com.br/Rádioradioam.asp>>
6.105 kHz 5.000 ZYE728 PR 0945-0110 Rádio Filadélfia PR <<http://www.Rádioradiofiladelfia.com.br>>
6.120 kHz 10.000 ZYE969 SP 1100-0900 Rádio SRDA Rádio Super Deus é Amor [sic]
<<http://www.superRádioradiodeuseamor.com.br>>
6.135 kHz 25.000 ZYE954 SP 0800-0300 Rádio Aparecida
6.160 kHz 10.000 ZYE854 RS 0000-2400 Rádio Legião Boa Vontade <<http://www.boavontade.com/Rádio>>
6.160 kHz 10.000 ZYE245 AM 0000-2400 Rádio Rio Mar <<http://www.rederiomar.com.br>>
6.180 kHz 250.000 ZYE365 DF 0000-2400 Rádio Nacional da Amazônia
<<http://Rádioradios.etc.com.br/nacionalamazonia>>
9.515 kHz 10.000 ZYE726 PR 0700-0100 Rádio Marumby <<http://Rádioradioevangelismo.com>>
9.530 kHz 10.000 ZYE858 RS 0700-0100 Rádio Transmundial <<http://www.transmundial.org.br>>
9.550 kHz 10.000 ZYE855 RS 0000-2400 Rádio Legião da Boa Vontade <<http://www.boavontade.com/Rádio>>
9.565 kHz 20.000 ZYE727 PR 0000-2400 Rádio SRDA Rádio Super Deus e Amor
<<http://www.superRádioradiodeuseamor.com.br>>
9.585 kHz 10.000 ZYE969 SP 0700-0200 SRDA Rádio Super Deus e Amor <<http://www.superRádioradiodeuseamor.com.br>>
9.630 kHz 10.000 ZYE954 SP 0800-0300 Rádio Aparecida <<http://www.a12.com/Rádio-aparecida>>
9.645 kHz 7.500 ZYE957 SP 0000-2400 Rádio Bandeirantes
<<http://Rádioradiobandeirantes.band.uol.com.br/Rádioradioam.asp>>
9.665 kHz 10.000 ZYE890 SC 0000-2400 Rádio Voz Missionaria <<http://www.gideoes.com.br>>
9.695 kHz 7.500 ZYE254 AM 1000-2100 Rádio Rio Mar <<http://www.rederiomar.com.br>>
9.815 kHz 10.000 ZYR96 SP 0000-2400 Rádio 9 de julho <<http://www.Rádioradio9dejulho.com.br>>
10.000 kHz 1.000 PPE RJ 0000-2400 Rádio do Observatorio Nacional da Hora
<<http://www.horalegalbrasil.mct.on.br>>
11.735 kHz 50.000 ZYE857 RS 0700-2000 Rádio Transmundial <<http://www.transmundial.org.br>>
11.765 kHz 10.000 ZYE727 PR 0900-0200 Rádio SRDA Super Deus é Amor <<http://www.superRádioradiodeuseamor.com.br>>
11.780 kHz 250.000 ZYE365 DF 2300-0800 Rádio Nacional da Amazônia
<<http://Rádioradios.etc.com.br/nacionalamazonia>>
11.815 kHz 7.500 ZYE440 GO 0700-0400 Rádio Brasil Central
<<http://www.Rádioradiobrasilcentral.com.br>> [****IRREGULAR**]
11.830 kHz 10.000 ZYE441 GO 0800-2000 Rádio Daqui
<<https://www.facebook.com/daquigoiania>> [****IRREGULAR**] A Transmissão costuma ser SAB/DOM DW-MT
11.855 kHz 1.000 ZYE954 SP 0800-0320 Rádio Aparecida <<http://www.a12.com/Rádio-aparecida>>
11.895 kHz 1.000 ZYE856 RS 0700-0200 Rádio Legião da Boa Vontade <<http://www.boavontade.com/Rádio>>
11.915 kHz 10.000 ZYE851 RS 0900-0400 Rádio Gaucha <<http://gaucha.clicrbs.com.br/rs>>
11.925 kHz 10.000 ZYE958 SP 0000-2400 Rádio Bandeirantes
<<http://Rádioradiobandeirantes.band.uol.com.br/Rádioradioam.asp>>
15.190 kHz 5.000 ZYE522 SP 0000-2400 Rádio Inconfidência <<http://www.inconfidencia.com.br>>
*Station with few logs **Irregular transmission
(DANIEL WYLLYANS, NOVA XAVANTINA MT, Oct 24, dxldyg via DXLD)

9725 kHz: Radio RB2 (ex-Clube Paranaense), Curitiba PR, 12/12 1240 UTC. Sport News, id 'RB2, felicidade todo o dia', advs Paranamed, 'A hora do Angelus', 'RB2, a rádio que toca você', 35543.
(A-DX, Rudolf Grimm, Rx: Sony ICF2001D, ant.: Magnetic Loop DXCB (indoor) + RF ampl. DXCB V1)

In den 80' u. 90' verwendete Radio Clube Paranaense 3 verschiedene KW-Frequenzen: 6040, 9725 und noch eine über 25 m. Die aktuelle Sendung (9725 kHz) scheint noch in der Test-Phase zu sein. Sicherlich Übertragung der 1430 kHz über KW.

BRAZIL / COLOMBIA - Both BRA and CLM stations on 6010v kHz, weaker 6010.044 kHz BRA R Inconfidencia, Belo Horizonte MG, and CLM La Voz de tu Conciencia, Lomalinda, Puerto Lleras, Meta little stronger on 6010.179 kHz, hit each other, but latter seems unstable frequency TX, continuously hopping up and down by ± 10 Hertz. Some Boston Massachusetts remote unit logs.

(wb, wwdxc BC-DX TopNews Nov 28)

BULGARIA - Frequency change of KBS World Radio in German from Nov 16, via SpaceLine Ltd. Sofia Kostinbrod SW site:
1900-2000 NF5905 SOF 100 kW 306 deg to WEu, ex5900 to avoid RFI Ru 5895 // frequy 5885 SOF 050 kW 306 deg to WEu in DRM mode.
(Ivo Ivanov-BUL, via wwdxc BC-DX TopNews Nov 20)

6

5884drn KBS German service in digital DRM mode, scheduled 19-20 UT on 5885 kHz, but noted move 1 kHz down on 5884drn kHz instead. (wb, wwdxc BC-DX TopNews Nov 23)

Four broadcasts from Kostinbrod in 25 mb at 1700 UT:

Bible Voice Broadcasting

1700-1830 11600 S0F 070 kW 090 deg to WAs Farsi Daily

Bible Voice Broadcasting

1700-1715 11700 S0F 100 kW 126 deg to NE/ME Arabic Mon-Fri Dardasha 7

1715-1745 11700 S0F 100 kW 126 deg to NE/ME Arabic Tue

1715-1800 11700 S0F 100 kW 126 deg to NE/ME Arabic Mon/Wed/Fri

Radio Assenna

1700-1800 11720 S0F 100 kW 195 deg to EAf Tigrinya Mon/Thu/Sa

Eritrean Forum

1700-1800 11720 S0F 100 kW 195 deg to EAf Tigrinya Tue/Fri/Su

1700-1800 11720 S0F 100 kW 195 deg to EAf Arabic Wed

1800-1900 11720 S0F 100 kW 195 deg to EAf Arabic Sa

Dimtse Radio Erena

1700-1730 11855 S0F 050 kW 195 deg to EAf Afar/Oromo Daily

(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Nov 25)

5905, European News Network (EUNN) with studios in Cyprus (...) and transmitter in Bulgaria (Kostinbrod) will change frequency from Sa Nov 22 for its weekly broadcast to Europe in English at 1845-1900. The frequency will be 5905, ex 5925 due to severe QRM. [by IRIB].

(EUNN Facebook Page via Christian Ghibaudo, Tende/Nice, France, DSWCI DX Window Nov 26 via WOR 1750, DXLD)

CANADA - 6070, CFRX with "Ask the Experts" talking about transitioning a family business without actually talking about HOW to transition a family business. (For that you need to call the guest & pay for their advice. I would call that a commercial rather than a programme, but they also had a series of ads at 2258 for things like Infinity car dealer winter sale & Nicorette spray, etc. Newstalk 1010 ID & time-check as 'six o'clock' into news, including "Timesaver Traffic" and items about businesses in MO boarding up their windows in anticipation of the Grand Jury decision about the police shooting case. Weather at 2302, 4 with temps rising in the night to 11 . Into Theo Caldwell show with items about sex abuse and Bill Cosby as the 'major topic' starting at 2303. Snooze already! Weaker than it has been, but my local noise was weak today, so 4554+4. 2250-2315 22/Nov (Ken Zichi, Williamston MI, MARE Tipsheet Nov 28 via DXLD)

CHINA - B14 CHINA RADIO INTERNATIONAL, as from October 26, 2014:

0000-0057	Cambodian	11990/Nn, 9765/Nn, 684/dof-hai
	Cantonese	17490/Be, 11820/Xi
	Chinese	13655/Xi, 13580/Be, 12035/Xi, 11975/Kun, 11900/Be, 11780/Jin, 9435/Kun
	English	11790/Xi, 9425/Be, 7425/Kash
	Hakka	9860/Jin, 9610/Kun, 9550/Kun, 9460/Kun
	Mongolian	11875/Be, 9470/Xi
	Portuguese	9710/Kash, 6100/Be
	Russian	7405/Huh, 5990/Huh, 1521/htb-xin
	Spanish	15120/Cuba, 5990/Cuba
	Vietnamese	13770/Xi, 11770/Be, 603/dof-hai
0000-0157	English	15125/Be, 11885/Xi, 9570/ALB, 7350/Kash, 6180/Kash, 6075/Kash, 6020/ALB
0100-0157	Amoy	17490/Be, 15425/Xi, 11980/Kun, 11945/Kun, 9860/Jin, 9610/Kun, 9550/Kun, 9460/Kun
	Chinese	15160/Jin, 13655/Xi, 13580/Be, 11770/Nn, 11640/Xi, 9655/Nn, 7300/Kash, 7250/Ur
	English	9675/Kash, 9580/Cuba, 7370/Kash
	Russian	13600/Xi, 5905/Kash, 1521/htb-xin
	Spanish	9710/Kash, 9590/Kash
	Urdu	7240/Kash, 6020/Kash
0130-0227	Nepalese	13780/Kun, 11860/Kun
0200-0227	Pashto	15435/Xi, 7350/Kash, 6065/Kash
0200-0257	Amoy	17490/Be, 15425/Xi
	Bengali	11640/Kun, 9655/Kun
	Chinese	15160/Jin, 15140/Be, 13655/Xi, 9825/Kash, 9580/Cuba, 9570/ALB, 7330/Kash, 6020/ALB
	English	11770/Kash, 9610/Kash
	Russian	17640/Xi, 5915/Kash
	Spanish	9710/Kash, 9590/Kash
	Tamil	13715/Kash, 11870/Kash

	Urdu	7290/Kash, 6020/Kash
0230-0327	Nepalese	13780/Kun, 11730/Kun
0300-0357	Chinese	17540/Be, 15160/Jin, 15130/Be, 13655/Xi, 9570/ALB, 9450/Kash, 6020/ALB
	English	15120/Be, 13800/Kash, 13620/Xi, 11770/Kash, 9790/Cuba, 738/M
	Hindi	15350/Kash, 13720/Kash, 11700/Kash, 11640/Kash
	Russian	17710/Jin, 15435/Xi, 11710/Ur, 5915/Kash
	Tamil	13730/Kash, 13600/Kun
0400-0457	Cantonese	15160/Jin, 13655/Xi, 9790/Cuba
	Chinese	15170/Kash, 15130/Be, 13640/Kash
	English	17855/Be, 17730/Xi, 15120/Be, 13620/Xi, 13590/Be
	Hakka	17710/Be, 17505/Xi, 15350/Kash, 13740/Kash
	Russian	17640/Xi, 15665/Kash, 15445/Kash
	Vietnamese	17740/Xi, 11650/Kun, 684/dof-hai, 603/dof-hai
0500-0557	Cantonese	15170/Jin, 13655/Xi
	Chinese	15130/Be, 15120/Be, 15110/Kash, 13620/Xi
	English	17855/Be, 17730/Xi, 17505/Kash, 15465/Kash, 15430/Kash, 15350/Kash, 11895/Kash, 7220/ALB
	Russian	15665/Kash, 15445/Kash
	Vietnamese	17740/Xi, 11640/Kun, 684/dof-hai, 603/dof-hai
0500-0657	Arabic	17485/Ur, 9590/ALB, 7210/ALB, 5985/ALB
0600-0657	Chinese	17740/Xi, 17650/Kash, 15170/Jin, 15120/Be, 13750/Kun, 13655/Xi, 13620/Xi, 11710/Nn
	English	17710/Be, 15465/Kash, 15430/Kash, 15350/Kash, 15145/Kash, 13645/Xi, 11895/Kash, 11870/Kash
	English-Africa	17505/Kash, 11750/ALB
	Italian	15620/Kash
0600-0757	French	15220/Ur
	German	17720/Kash, 17615/Ur
	Spanish	15135/Kash
0700-0757	Cantonese	17875/Kun, 13610/Xi, 11640/Jin
	Chaozhou	15145/Xi, 17750/Xi
	Chinese	17740/Xi, 17650/Kash, 17520/Kash, 13750/Kun, 11875/Nn, 11710/Nn
	English	17710/Be, 13660/Xi
0700-0857	Chinese	11855/ALB
	English	17670/Kash, 17490/Kash, 15465/Kash, 15350/Kash, 15185/Kash, 15125/Kash, 11895/Kash, 11785/ALB
	Serbian	1215/ALB
0800-0857	Chinese	17650/Kash, 17560/Xi, 15560/Xi, 15550/Kash, 13610/Xi, 11640/Jin, 9880/Be
	English	9415/Xi
	Hausa	7295/Mali
	Russian	15665/Kash, 15335/Kash
0830-0927	Indonesian	17735/Kun, 15135/Kun, 15115/Kun
0900-0957	Chinese	17670/Kun, 17560/Xi, 15560/Xi, 15440/Kun, 11895/Nn, 9440/Xi, 7430/Jin
	English	17690/Jin, 17650/Kash, 17570/Ur, 17490/Kash, 15350/Kash, 15210/Kun, 15185/Kash, 9415/Xi
	Romanian	9460/ALB, 7285/ALB
	Russian	15665/Kash, 15335/Kash
0900-1057	Chinese	15525/Ur, 15340/Xi, 15250/Kun, 13850/Be, 13780/Kash, 11980/Kun, 9460/Nn, 5965/Be
0930-1027	Malay	17680/Kun, 15135/Kun
1000-1057	Cantonese	17670/Kun, 15440/Kun
	Chinese	17650/Kash, 9880/Be, 7255/Xi
	English	17690/Jin, 17490/Kash, 15350/Kash, 15210/Kun, 15190/Kash, 13720/Xi, 13590/Be, 11635/Be, 7215/Xi, 5955/Xi
	Hungarian	17570/Kash, 15220/Kash
	Japanese	9440/Xi, 7325/Jin
	Russian	7390/Huh, 7290/Szg, 5915/Huh, 1323/htb-xin, 1116/har-hei, 963/hua-jil
1030-1127	Cambodian	17680/Kun, 15160/Nn, 684/dof-hai
	Indonesian	15135/Kun, 11700/Kun
1100-1157	Bulgarian	7220/ALB
	Burmese	9880/Kun
	Cantonese	13580/Kun, 9645/Be, 9590/Kun, 9540/Be, 7370/Nn, 603/dof-hai
	Chaozhou	11875/Kun, 9440/Kun
	Chinese	17650/Kash, 15440/Kun, 11980/Kash, 11750/Be, 9515/Kash, 7435/Be
	Czech	17570/Kash, 15225/Kash
	English	13720/Xi, 13590/Be, 11795/Kash
	Esperanto	9450/Xi, 7210/Ur, 1017/cah-jil
	Japanese	7325/Jin, 7260/Xi, 1044/hnl-jia
	Korean	5965/Xi, 1323/hua-jil
	Mongolian	7390/Huh, 6100/Ur
	Russian	7290/Szg, 6080/Be, 5915/Huh, 1521/htb-xin, 1323/htb-xin, 963/hua-jil
	Vietnamese	11990/Xi, 11785bji, 9550/Be, 1296/Kun-yun
1100-1257	English	17490/Kash, 13665/ALB, 12015/Kash, 11650/Ur, 7250/Kash, 5955/Be, 1269/xua-yun
1130-1157	Filipino	12070/Xi, 11955/Kun, 7410/Jin, 5910/Be, 1341/hdu-gua
1130-1227	Thai	9785/Kun, 7360/Kun, 1080/xua-yun
1200-1227	Filipino	11955/Kun, 9720/Xi
1200-1257	Amoy	11910/Be
	Cambodian	11680/Nn, 9440/Kun
	Cantonese	9570/Cuba
	Chinese	17650/Kash, 15110/Ur, 9655/Kash, 7390/Be, 7205/Kash

	English	13790/Ur, 11980/Kun, 11760/Kun, 11690/Xi, 9760/Kun, 9730/Kun, 9645/Be, 9600/Kun, 9460/Kash, 1341/hdu-gua, 1269/xua-yun, 1188/Kun-yun, 684/dof-hai
	Japanese	7325/Jin, 7260/Xi, 1044/hnl-jia
	Korean	5965/Xi, 1323/hua-jil, 1017/cah-jil
	Mongolian	5990/Huh, 5915/Huh
	Russian	9685/Ur, 9590/Szg, 7410/Szg, 7215/Xi, 6100/Be, 5905/Kash, 1521/htb-xin, 963/hua-jil
	Serbian	7345/ALB
	Vietnamese	11640/Xi, 9550/Be, 1296/Kun-yun
1200-1400	Chinese	13810/Kash, 11790/Kash
	Chinese	9855/Be, 9540/Kun, 7440/Nn
	French	15205/Kash
1230-1327	Lao	9785/Kun, 7360/Kun
	Malay	11955/Kun, 11700/Kun
1300-1357	Bengali	11610/Kun, 9600/Be, 9490/Kun, 1188/Kun
	Burmese	9880/Kun, 7400/Kun, 1188/Kun-yun
	Chinese	13855/Kash, 12015/Ur, 7215/Xi, 7205/Be
	English	13790/Ur, 13670/Kash, 11980/Kun, 11910/Be, 11900/Kun, 11760/Kun, 9870/Xi, 9765/Be, 9730/Be, 9655/Kash, 9570/Cuba, 7300/Kash, 5955/Be, 1341/hdu-gua
	Esperanto	11650/Be, 9440/Nn
	French	17880/Mali, 17650/Kash, 13685/Mali
	Hindi	9450/Kash, 7265/Ur, 1422/Kash-xin
	Japanese	7325/Xi, 7215/Xi, 1044/hnl-jia
	Korean	5965/Xi, 1323/hua-jil, 1017/cah-jil
	Mongolian	7285/Be, 6100/Be
	Russian	9665/Xi, 7255/Szg, 5990/Huh, 5915/Huh, 5905/Kash, 1521/htb-xin, 1323/Ur, 963/hua-jil
	Vietnamese	9685/Xi, 9550/Be, 1296/Kun-yun
1330-1427	Indonesian	11955/Kun, 11805/Kun
	Thai	9785/Kun, 7360/Kun, 1080xua-yun
1400-1457	Amoy	11650/Kun, 9655/Kun
	Bengali	11610/Kun, 9490/Kun
	Burmese	7400/Kun
	Cambodian	9880/Nn, 6055/Nn
	Chinese	11785/Kash, 11610/Ur, 9730/Kash, 9430/Kash, 7410/Be, 7400/Be, 7235/Kash, 7210/Be, 6040/Xi
	English	13740/Cuba, 13710/Kash, 11665/Ur, 9870/Xi, 9795/Ur, 9765/Xi, 9460/Ur, 7300/Ur, 5955/Be, 1422/Kash-xin
	English-AF	17630/Mali, 13685/Mali
	Japanese	7410/Jin, 7395/Xi, 1044hnl-jia
	Korean	5965/Xi, 1017/cah-jil
	Mongolian	5990/Huh, 5915/Huh
	Nepalese	7435/Kun, 7220/Xi, 1269/xua-yun, 1188/Kun-yun
	Russian	7435/Szg, 7330/Xi, 5905/Kash, 1521/htb-xin, 1323/Ur, 963/hua-jil
	Sinhalese	9665/Jin, 7265/Kash, 1188/Kun-yun
	Tamil	9610/Kash, 9570/Kash
	Urdu	7285/Kun, 6075/Kash, 1422/Kash-xin
	Vietnamese	9685/Be, 9550/Be, 1296/Kun-yun, 684/dof-hai
1400-1557	French-AF	13670/ALB, 11920/ALB
1430-1457	Filipino	11640/Kun, 7325/Be, 1341/hdu-gua
1430-1527	Lao	9675/Kun, 7360/Kun, 1080/xua-yun
1500-1527	Pashto	9665/Kash, 7435/Kun
	Persian	9600/Kash, 6165/Ur
1500-1557	Bengali	9690/Kun, 9610/Kun
	Chinese	9705/Kash, 9590/Kash, 9560/Kash, 9455/Kun, 7255/Be, 7235/Kash, 5910/Be
	English	13740/Cuba, 9880/Nn, 9870/Xi, 9785/Jin, 9720/Ur, 9525/Kash, 9435/Kash, 7395/Ur, 7325/Be, 6095/Kash, 5955/Be, 1323/htb-xin
	English-AF	17630/Mali, 13685/Mali
	Hindi	7265/Kash, 7225/Ur
	Japanese	7220/Jin, 5980/Xi, 1044/hnl-jia
	Nepalese	9535/Xi, 7215/Kun, 1188/Kun-yun
	Russian	6180/Ur, 6105/Szg, 6025/Xi, 5990/Huh, 5965/Be, 5915/Huh, 5905/Kash, 1521/htb-xin, 1323/htb-xin, 963/hua-jil
	Tamil	9730/Kash, 9490/Kash
	Turkish	9565/ALB, 7345/ALB
	Urdu	7285/Kash, 6075/Kun, 1422/Kash-xin
	Vietnamese	9550/Be, 684/dof-hai, 603/dof-hai
1530-1557	Pashto	9665/Kash, 7435/Kun, 6165/Ur
1600-1657	Albanian	1215/ALB
	Arabic	17880/Mali, 15125/Mali
	English	9880/Nn, 9875/Kash, 9600/Jin, 9570/Be, 9435/Kash, 7435/Jin, 7420/Ur, 7255/Kash, 7235/Kash, 6175/Nn, 6100/Kash, 6060/Kun, 1323/htb-xin, 1080/xua-yun
	Hakka	7325/Ur, 6090/Xi
	Hindi	7395/Kun, 5915/Kash, 1422/Kash-xin, 1269/xua-yun, 1188/Kun-yun
	Russian	7265/Be, 7215/Szg, 6040/Ur, 5905/Kash, 1521/htb
	Swahili	7245/Xi, 5985/Be
	Turkish	7325/Kun, 6165/Ur
	Vietnamese	7315/Kun, 6010/Be
1600-1757	Arabic	11725/ALB, 9555/ALB, 7300/Kash
	French	7350/Kash
	German	7380/ALB, 5970/ALB

1630-1727	Hausa	9665/Kun, 9620/Kash
1700-1757	Bulgarian	1458/ALB-Fllake
	Cantonese	7325/Ur, 7220/Kash
	Croatian	9435/Kash, 7335/Be
	English	9880/Nn, 9570/Be, 7435/Jin, 7420/Kun, 7410/Kash, 7255/Kash, 7235/Kash, 7205/Be, 6175/Nn, 6165/Be, 6140/Kash, 6100/Be, 6090/Kun, 1323/htb-xin, 1080/xua-yun
	Esperanto	7245/Xi, 7205/Be, 1215/ALB
	Hindi	5975/Kun, 1269/xua-yun
	Russian	7410bji, 7265/Ur, 6070/Xi, 6040/Ur, 5915/Kash, 1521/htb-xin
	Swahili	15125/Mali, 13645/Mali, 7400/Xi, 5985/Be
1730-1827	Chinese	9695/Kun, 7445/Ur, 7315/Kun, 7275/Ur, 6150/Szg
	Hausa	13645/Mali/11640/Mali from 1800, 9685/Kun, 9450/Kash
1800-1827	Persian	7415/Xi, 7325/Be
1800-1857	Chaozhou	7285/Xi, 6010/Ur
	English	7405/Be, 6100/Be
	Italian	7435/Jin, 7340/Kash, 1458fla-alb
	Russian	7255/Szg, 7210/Ur, 6070/Be, 1521/htb-xin
	Romanian	1215/ALB
1800-1957	French	7385/ALB, 7360/ALB, 6055/ALB, 5970/ALB
	German	9615/Ur, 7395/Kash, 6160/Xi
1830-1857	Bulgarian	9695/Kun, 7265/Ur, 6020/Szg
	Persian	7415/Xi, 7325/Be
1830-1930	Arabic	13685/Mali, 11640/Mali
1830-2027	French	9645/Kun, 7350/Ur
1900-1927	Czech	7415/Ur, 7325/Szg
	Hungarian	9560/Ur, 7440/Xi
	Portuguese	13630/Mali, 11640/Mali
	Romanian	6090/Ur
1900-1957	Albanian	7385/Kash, 6020/Szg
	Cantonese	9770/Kash, 7215/Be
	English	9440/Kun, 7295/Kash
	Portuguese	9730/Kash, 9535/Be, 7405/Xi, 7365/Be, 7335/Jin, 5985/Be
	Russian	7245bji, 6110/Xi, 6100/Be, 1521/htb-xin
	Turkish	9655/Kun, 7255/Kun
1900-2057	German	1440/LUX
1930-1957	Czech	7415/Ur
	Romanian	7440/Xi, 6090/Ur
1930-2027	Esperanto	9745/Ur, 7265/Ur
2000-2027	Serbian	9585/Kash, 7390/Xi, 7325/Ur
2000-2057	Chinese	9865/Kun, 7440/Be, 7405/Xi, 7335/Szg, 7245/Kash
	English	13630/Mali, 11640/Mali, 9600/Kash, 9440/Kun, 7415/Kash, 7295/Kash, 7285/ALB, 5985/Be, 5960/ALB
	Polish	7305/Ur, 6020/Szg
	Russian	7255/Be, 6155/Be
2000-2200	Arabic	7215/ALB, 6185/ALB, 6100/Xi
2001-2059	Hungarian	1458/ALB
2030-2057	Bulgarian	9720/Ur, 7320/Kun
	Hungarian	9585/Kash, 7390/Jin
2030-2127	Italian	7345/Kash, 7265/Ur
2030-2227	French	7350/Ur, 6115/Be
2100-2127	English	13630/Mali, 11640/Mali
	Serbian	7445/Kun, 7425/Jin, 7325/Xi
2100-2157	Croatian	7225/Be, 6135/Be
	English	9600/Kash, 7415/Kash, 7405/Be, 7285/ALB, 7205/Xi, 5960/ALB, 1386/LTU
2100-2257	Korean	7290/Xi, 1323/hua-jil, 1017/cah-jil
	Spanish-EU	9640/Kash, 6020/Szg
2130-2157	Hungarian	7445/Ur
2130-2227	French	13630/Mali, 11975/Mali
2130-2229	Polish	1458/ALB-Fllake
2200-2257	Chinese	15505/11975/Mali from 2230, 7430/Jin, 7395/Ur, 7325/Kun, 7305/Be, 7265/Kun, 6180/Kun, 6140/Kun, 6100/Kun, 5965/Kash
	English	5915/Be, 1440/LUX
	Esperanto	9860/Kash, 7315/Kash
	Japanese	7440/Be, 5985/Xi
	Portuguese	9685/Kash, 9410/Kash, 7260/Ur, 6175/ALB
	Spanish	6100/Be
2201-2301	Serbian	1215/ALB
2200-2357	Spanish-EU	7250/Ur, 7210/ALB
2230-2330	Czech	1458/ALB
2300-2357	Cambodian	9765/Nn, 7395/Nn, 684/dof-hai
	Cantonese	11945/Kun, 9425/Jin, 7325/Kun, 6180/Kun, 6140/Kun
	Chinese	11975/Mali, 9555/Be, 7425/Kun, 7300/Ur, 7295/Mali
	English	11790/Xi, 9535/Kun, 7410/Kash, 7350/Kash, 6145/Be, 5990/Cuba, 5915/Kash, 1440/LUX
	Japanese	9695/Jin, 9435/Xi
	Mongolian	7205/Xi, 6185/Xi
	Portuguese	13650/Cuba, 6100/Be
	Russian	7405/Huh, 5990/Huh
	Spanish	6175/ALB
	Vietnamese	9415/Be, 7220/Xi, 603/dof-hai

2300-0100 Spanish 9800/Kash, 9590/Kash
 2330-0030 Sinhalese 7260/Kash, 6100/Kun

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 - Kashgar, Xinjiang
 /kun-yun - Kunming, Yunnan
 /xua-yun - Xuanwei, Yunnan
 (Tom Laobaixing, Nov. 2014)

5050 Beibu Bay Radio (BBR), at 1345-1426 UT on Nov 19. ToH "The time now is 10PM, Beibu Bay Radio"; sound of cuckoo. Now with a new format; during their Vietnamese programming they now have many segments in Chinese, consisting all of what sounds like ads. Recently have heard a number of segments in English (one talking about the APEC meeting in Beijing and who was attending, with another about the "Silk Road"); no hint of AIR recently. (Ron Howard, Asilomar State Beach, CA, USA)

CHINA [TIBET] - 4905/4920/6025/6110/6200/7255, XPBS (Lhasa-Baiding), 1445-1515+ 3 Dec. Nice to hear XPBS with TB chat, pop & more "traditional" TB songs. 4905 clear after 1500, 6200 after 1505, 6025 ACI'd by CNR1 jamming RFA-6020 after 1500, 7255 clear before 1500 and about 50/50 with CRI (Beijing) in Chinese 1500+. 6130 lost in the shadow of CNR1-6125 on regular sked.
 (Dan Sheedy, Moonlight Beach, CA PL606 'barefoot', DXLD)

In Europe about 15 to 18 h UTC there are some of the above QRGs, esp. in the 49 m band, equipped with the Tibet stations, different programmes with many music pieces in Tibetan and Chinese. (we)

CHINA vs SERBIA - CRI vs Int Radio Serbia (IRS), heavy collisions

1800-1857	6100	BEI	500	kW	318	deg	to	WEu	English	CRI
1830-1900	6100	BIJ	250	kW	310	deg	to	WEu	Italian	IRS
1900-1957	6100	BEI	500	kW	318	deg	to	EEu	Russian	CRI
1900-1930	6100	BIJ	250	kW	310	deg	to	WEu	Russian	CRI
1930-2000	6100	BIJ	250	kW	310	deg	to	WEu	English	CRI
2000-2030	6100	BIJ	250	kW	310	deg	to	WEu	Spanish	IRS
2000-2057	6100	XIA	500	kW	292	deg	to	NEAF	Arabic	CRI
2030-2100	6100	BIJ	250	kW	310	deg	to	WEu	Serbian	Su-Fri IRS
2030-2130	6100	BIJ	250	kW	310	deg	to	WEu	Serbian	Sa IRS
2100-2130	6100	BIJ	250	kW	310	deg	to	WEu	German	Su-Fri IRS
2100-2157	6100	XIA	500	kW	292	deg	to	NEAF	Arabic	CRI
2130-2200	6100	BIJ	250	kW	310	deg	to	WEu	French	IRS
2200-2230	6100	BIJ	250	kW	310	deg	to	WEu	English	IRS
2230-2300	6100	BIJ	250	kW	310	deg	to	WEu	Serbian	Fri IRS

(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Dec 3)

COLOMBIA - 5910-, Nov 30 at 0607 UT, HJDH is active again, song in the style of "Guantanamera", soon ID not as Alcaravan Radio but as La Voz de tu Conciencia; fair signal, slightly on the lo side and no QRM at this hour. The other HJDH is also on air, 6010v kHz, at 0609 UT playing different less secular music, instrumental version of "Amen, amen, amen", with het presumed Brasil; at 0613 UT it too IDs, by OM as LV de tu Conciencia. Back to 5910 kHz at 0614 UT: another LV de tu C ID, by YL. Strange; mixed up their automation? Or is the Alcaravan Radio programming from 1530 kHz MW no longer to be shortwaved?
 (gh, dxld Nov 30)

CONGO REPUBLIC - 6115, Radio Congo, noted in passing at 1817 with man and woman alternating stories. Many local references and strong modulation. 22 Nov.
 (David Sharp, NSW, FT-950, NRD-535D, R8, R30A, Timewave 599ZX, various Palstar and MFJ accessories, Quantum Phaser, various Sangean and Tecsun portables, EWE aerials, via Bob Wilkner, DXLD)

CUBA - Previous report about RHC not being heard yet on 3365 kHz. Now almost ready to test next month {Dec 2014, wb.} the 3365 kiloHertz 90 meterband frequency. (Prof. Arnaldo Coro Antich_CO2KK, Nov 23)

FINLAND - 25000, Time Signal Station Mikes, 1028-1035, 30-11, time signals, beeps with seconds, silent at second 59. 14321

(Manuel Méndez, Lugo, Spain, Logs in Friol, Tecsun PL-880, Degen 31MS active loop antenna, dxldyg via DXLD)

FRANCE / SOUTH AFRICA - Observation of R France International via Issoudun and Meyerton

1430-1500 13690 F 500 kW 084 deg to WAs Persian
 1430-1500 15395 F 500 kW 085 deg to WAs Persian
 1500-1600 11850 F 500 kW 065 deg to SEAs Vietnamese
 1500-1600 15360 RSA 250 kW 007 deg to Eaf Swahili
 1600-1700 11860 F 500 kW 055 deg to EEU Russian
 1600-1700 13730 F 500 kW 080 deg to CAs Russian
 1600-1700 15300 F 500 kW 170 deg to WCAf Hausa
 1700-1733 9755 RSA 250 kW 328 deg to Waf Portuguese
 1700-1800 11955 F 500 kW 085 deg to WAs Persian
 1900-1933 6180 RSA 250 kW 330 deg to Waf Portuguese
 1900-2000 5895 F 500 kW 055 deg to EEU Russian
 1900-2000 9840 F 500 kW 080 deg to CAs Russian
 2000-2030 9540 F 500 kW 170 deg to WCAf Hausa, new for B-14, weak signal.
 (Ivo Ivanov-BUL, via wwdxc BC-DX TopNews Nov 26)

FRANCE - Upcoming additional broadcasts of Bible Voice Broadcasting

0130-0200 17510 F 250 kW 083 deg to SAs En Su from Dec.7 or 14
 0200-0215 17510 F 250 kW 083 deg to SAs En Tue from Dec.2 or 09
 0200-0230 17510 F 250 kW 083 deg to SAs En Thu from Dec.4 or 11
 0200-0230 17510 F 250 kW 083 deg to SAs En Sa from Dec.6 or 13
 0200-0230 17510 F 250 kW 083 deg to SAs En Su from Dec.7 or 14
 (Ivo Ivanov-BUL, via wwdxc BC-DX TopNews Dec 2)

FRANCE / USA - Radio France Internationale vs WHRI Angel 2:

1900-1958 on 9840 F 500 kW / 080 deg to CAs Russian R France Internationale
 1900-2000 on 9840 HRI 250 kW / 025 deg to ENAm English Mo-Sa WHRI Angel 2
 (DX-MIX 884)

GERMANY - 6110drm Radio Andernach, Nauen testet heute Morgen ? z.Zt. um 0930 UT Dec 4, DRM Signal auf 6110 kHz zugange, die Sendungen laufen aber nachts 02-04 UT ins Seegebiet vor Somalia, Kenya, Oman etc. Aber mit der 49mb Ausbreitung zu dieser Vormittagszeit propagiert das ja nicht in dieses Zielgebiet, muesste ja mindestens 25 mb sein ?

ps. und mein Weihnachtsmusikant auf dem Nachbarkanal 6115 kHz aus NL erlebt damit auch nicht das Paradies.
 (wb, wwdxc BC-DX TopNews Dec 4)

Ebenfalls am 5. Dezember aktiv, NL auf 6115,1 nur in USB zu vernehmen. Sendesignal R Andernach ist exakt, leider nicht zu dechiffrieren. (we, 5.12.2014)

New time and frequency of Radio Andernach in DRM mode from Dec 8

1030-1230 NF5925 N 100 kW 122 deg to NE/ME, ex 02-04 & 09-11 on 6110,
 till 1350 NF5925 N 100 kW 122 deg to NE/ME, unscheduled px on Dec 10.
 (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Dec 10)

Norddeutscher Rundfunk in a press release just sent these (new) frequencies for their sw transmission on 24 December 2014

19.05-21.00 UTC:

FREQUENZ ZIELGEBIET

6125 Atlantik - Nord {MBR Nauen}

9685 Indischer Ozean - West {MBR Nauen}

9925 Atlantik/ Indischer Ozean (Südafrika) {TDF Issoudun or Sentec AFS}

11650 Atlantik - Süd {TDF Issoudun}

11800 Indischer Ozean - Ost {ORS Moosbrunn}

21.05-23.00 Uhr UTC:

FREQUENZ ZIELGEBIET

6040 Atlantik - Nord {MBR Nauen}

9515 Indischer Ozean - West {MBR Nauen}

9765 Indischer Ozean - Ost {ORS Moosbrunn}
 9880 Atlantik - Süd {TDF Issoudun}
 9925 Atlantik / Indischer Ozean (Südafrika) {TDF Issoudun or Sentec AFS}
 (Dec 5th, posted by: "Harald Kuhl" <hkdx@gmx.de>)

GUAM - 9975, KTWR, Nov. 2 at 1215-1245 in Japanese. Friendship Radio program. SIO 454. Strong signal. This is a new Japanese language program every Sunday. No signal on Nov. 9th due to transmitter control problem. This transmission contract is 6 months and to be extended if listeners response is favorable. Friendship Radio Web says they pay 5 times more than the DRM they tested at the same station previously.
 (Toshimichi OHTAKE, Kamakura, Kanagawa Pref., Japan, AOR AR-7030Plus + Wellbrook ALA 1530, Dec JSWC Bulletin via Dario Monferini, playdx yg via DXLD)

INDIA - Frequency changes of All India Radio

0130-0230 NF7520 DEL 100 kW 065 deg to CAs Nepali, ex7420
 0215-0300 NF7355 DEL 250 kW 282 deg to WAs Pashto, ex7225
 0300-0345 NF7355 DEL 250 kW 282 deg to WAs Dari, ex7225
 0300-0430 NF7520 DEL 100 kW 065 deg to CAs Bengali, ex7420
 0700-0800 NF7520 DEL 250 kW 065 deg to CAs Nepali, ex7420
 0830-1100 NF7520 DEL 250 kW 065 deg to CAs Bengali, ex7420
 (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Nov 27)

AIR Jeypore 5040 kHz, is back on air from today on 5040 kHz and is interested in reports of their transmission at 0025-0445, 1130-1741 UT. Heard today evening with good quality signals than before. (Their day time freq of 6040 kHz will be off air for time being). Reports to: <airjeypore -at- rediffmail.com>
 (Jose Jacob-IND VU2JOS <<http://www.qsl.net/vu2jos>> , DXindia Nov 28)

4850, AIR Kohima on Nov 30 with one of their rare SW broadcasts; special transmission on the eve of the Hornbill Festival and 50th anniversary celebration of Nagaland Legislative Assembly. To mark these special events, India's Prime Minister Narendra Modi is currently visiting Nagaland. Should be on the air again tomorrow.
 <<http://www.hornbillfestival.com/>>

Poor reception, but at times semi-readable; many IDs; almost no QRM from Xinjiang PBS, also on 4850 kHz.
 (Ron Howard-CA-USA, via wwdxc BC-DX TopNews Nov 30)

ALL INDIA RADIO Closes Five Shortwave Stations.

Last month, All India Radio announced the closure of five of its shortwave facilities, located in regional areas of India. These five transmitters, each rated at 50 kW, were located at Gorakhpur, Gauhati, Jammu, Mumbai and Ranchi.

All of these transmitters, each operating at 50 kW, were officially deleted last month; four of them were not on the air at the time, though Mumbai was still active in recent time.
 (Wavescan NWS300 - Nov 24th, via Ian, SW TXsite, dxld Nov 26)

WRTH lists Gorakhpur 3945/7250; Guwahati [sic] 4940/7280/7420; Jammu [Kashmir] 4830/5965; Mumbai 4840/7240; Ranchi 4960/5985. Some of these were already inactive/off.
 (gh, dxld Nov 26)

AIR Jeypore is back on air from today on 5040 kHz and is interested in reports of their transmission at 0025-0445, 1130-1741 UT. Heard today evening with good quality signals than before. (Their day time freq of 6040 will be off air for time being) Reports to: airjeypore@rediffmail.com .
 (Jose Jacob, VU2JOS, National Institute of Amateur Radio, Hyderabad, India, Nov 28 dx-india yg via WOR 1750, DXLD)

In reply to my detailed monitoring report on reception quality covering last night and this morning' s transmission of AIR Jeypore on 5040 kHz, D. R. Praised, Dy. Director General (E) I/c AIR Jeypore promptly wrote me:

"I thank you very much for the feedback on our transmission. We are still struggling to improve the performance of this 50 kw shortwave transmitter manufactured by continental Electric Corporation of USA. Due to nonavailability of spares, it is being operated at 25 kW power. We look forward to get your feedback once it is right fully." ...

(via Alokesh Gupta, Dec 2 dx_india yg via WOR 1750, DXLD)

INDIA / SIKKIM - {former British Empire protectorate, now Indian protectorate since 1975}

4835, AIR Gangtok (presumed), at 1400-1459 UT, Dec 3. Daily I check here to see if I hear anything underneath ABC Alice Springs; for a long time nothing heard until today; nice segments of definite subcontinent music/singing;

some announcements heard and the language seemed right to be Gangtok; fortunately ABC Alice Springs was mostly talking, so the music came through fairly clear. Seemed off the air after 1500 UT?

(Ron Howard-CA-USA, dxld Dec 3)

JAPAN - 6055, Nov 27 at 1342, R. Nikkei I is totally in English as usual on Thursdays around now; axually a lesson with a clearly enunciated conversation, M&W discussing communities, child care. Good signal and even better on // 9595, at 1355 about the Yamagata Festival. ... So along with Shiokaze, we are getting more English now from Japan than via NHK. (gh, DXLD)

Radio Nikkei, 9595, 27 Nov (Thursday), 1345 UT with good reception. I was expecting the usual Japanese programming, but instead heard an English language lesson program discussing revitalizing the economy in Japan. The lesson covered different grade school levels. Program produced by the Eiken Foundation of Japan. It ended at 1400 UT and then continued in Japanese. (Larry Zamora, Garland TX, Dec 2, DXLD)

LAOS D.P.R. - ... and also heard tiny Laotian Radio Vientiane English sce program (Laotian accented) on usual lower sideband, measured 6129.976 kHz at 1420 UT on Nov 20.

(wb, wwdxc BC-DX TopNews Nov 20)

Normally there is only a CRI transmitter, but conditions change daily, see also Northern Marianas. (we)

LIBERIA - 4760.002 Radio ELWA Monrovia, Liberia. Thanks to a tip of "Per Eriksson" <per -at- eriksson.eu> checked 4760 kHz last Nov 25 night, but signal was very weak, and only communication talk each other of two Italian fishermen(?) could be easily heard on this channel.

But acc Aoki list ELWA on program schedule starts early from 0600 UT, program from Liberia could be heard at 0620 UT Nov 26 as tiny signal precise 2 Hertz upper side. After 0645 UT tiny signal fade-out again. Procedure: I had to select only the upper sideband flank, due of permanent CODAR wiper signal moving up and down in 4741 to 4759.3 kHz frequency range. Also a CW morse code signal noted short pieces of 20 seconds each on 4762 kHz, - but not real a disturbtion. Maybe our German pensionists and DXer at Denia Spain and Menorca island will hear more positively on this matter... (wb, wwdxc BC-DX TopNews Nov 26)

LIBERIA - 6050 ELWA - The UNID. I noted on 1 December turned out to indeed be ELWA. Found it // 4760 kHz at 2154 UT w/end of En rel. pgm. 2156 UT nice simple English echo ID by M (a little too heavy on the echo), then into "Oh Holy Night", and continuing w/more mx. Fairly good signal. Thanks to John Herkimer for suggesting this might be ELWA at the first reception. (Dave Valko-PA-USA, hcdx Dec 7)

Re: 6050 ELWA - Yes correct, heard here in southern Germany, some chimes and bells on both 6050 and 4760 kHz channels, reported as ELWA, at 2345-2347 UT on Dec 6th. Lhasa Baiding Chinese is on top on 6050 kHz, but 4760 kHz

channel is clear the whole evening. (wb, wwdxc BC-DX TopNews Dec 6)

MALAYSIA - 5965.00, Radio Klasik, 1600, Nov 29. RTM now running the 100 kW transmitter, instead of the 50 kW older, off frequency one (5964.7); singing "Radio Klasik" jingle; singing National Anthem (which was // 9835 and 11665); another singing RK ID and into music show. Earlier of course CRI totally dominated 5965 with a very big signal, but now that RK and CRI are so close in frequency, the usual het of 5964.7 is no longer heard. Thanks to both Dave Valko and Dan Sheedy for the frequency alert after their monitoring yesterday.

(Ron Howard, San Francisco at Ocean Beach, CA, E1 & CR-1, dxldyg via WOR 1750, DXLD)

MEXICO - 6184.980 XEPPM R.Educacion Mexico City, accordion music at 0109 UT on Dec 7.

(wb, wwdxc BC-DX TopNews Dec 7)

6010.0 Radio Mil reactivated (in 49mb), I often check this frequency looking for their return; had been off the air for quiet some time, so a nice surprise to hear them again on Dec 11 from tune in at 0218 UT and subsequent random checking till tune out at 0504 UT; format mostly non-stop EZL songs/ballads; few and very brief announcements; 0243 UT with 3 or 4 mentions of "Mexico"; 0354 UT full ID with frequencies; weak, but not bothered by QRM. Nice to have a second Mexican station on this band again, along with 6185 kHz!

(Ron Howard-CA-USA, wwdxc BC-DX TopNews Dec 11)

Mind for the Brazilian station // ... in Eu mostly stronger. (we)

MONGOLIA - 12084.877 usual very odd frequency bcst to Far Eastern Asia from Ulaan Baatar Khonkhor txion center in 0930-1100 UT slot (0900-0928 UT southerly 179 degr), at 0940 UT in Mongolian, S=6 backlobe signal into southern Germany. (wb, wwdxc BC-DX TopNews Nov 27)

MOROCCO - Radio Mediterranee, Medi 1 is not on air for a couple of days:
0000-2400 on 9575 NAD 250 kW / 110 deg to NAF. My last recording on Dec.1
(DX-MIX 884)

Instead I hear R Taiwan past 15:30 in Chinese. CRI booster on 9565 (width some 18 kHz) is a mess ... (we, Dec 12)

MYANMAR - 5985.22, Myanmar Radio, 1333, Nov 29. In vernacular; sports coverage with background sounds of the fans; singing full ID jingle with frequencies; some audio muffled. Great to have Shiokaze (clandestine) move down to 5910 (ex 5985) yesterday and take the N. Korean jamming with them, so today was free of jamming here.

6165, Thazin Radio via Pyin Oo Lwin, 1430-1500*, Nov 29. In English; usual intro ID; pop songs; news; more songs; 1447 program "Myanmar Traditions and Customs"; usual heavy CNR6 QRM, but small bits could be heard, per brief attached audio (Ron Howard, San Francisco at Ocean Beach, CA, E1 & CR-1, dxldyg via WOR 1750, DXLD)

NIGERIA - 15120 even frequency from Abudja site?, on Nov 27, at 0900 UT newsread in English language. Much tiny undermodulated and whine weeping whistle accompanied on otherwise S=8-9 signal into southern Germany. Also visible on remote SDR browser screen some $\pm 6x$ like audio fence strings of ± 800 Hz, on 800, 1600, 2400 Hz ...

Nothing on air on 9690 kHz Hausa channel at this 09 UT hour though.
(wb, wwdxc BC-DX TopNews Nov 27)

NORTHERN MARIANAS - Not each day, but really often this European Winter you may have the chance to catch VoA in Korean coming from Tinian, listed 1200-1500 on 5890. Helpful: there are several lessons 'Learning English'. No sign of WWCR 1200-1300 //. Maximum was 9+15. (we, Dec. 2014)

RWANDA [and non] U.K.(non) - BBC in French/Kinyarwanda, instead of English in 16-17 UT time slot:
1600-1630 15420 RSA 250 kW / 020 deg CEAF French, no // frequencies
1600-1700 15420 RSA 250 kW / 020 deg CEAF Kinyarwanda // 15790/RSA, 17870/RSA.
(Ivo Ivanov, QTH: Sofia, Bulgaria, Dec 1, dxldyg via WOR 1750, DXLD)

This is to compensate for the recent decision by the Rwandan authorities to disallow the relaying of the BBC Kinyarwanda service on FM inside the country. See <<http://www.bbc.co.uk/news/world-africa-29762713>>
(Chris Greenway, Dec 2, dxldyg via WOR 1750, DXLD)

SOUTH AFRICA - AFS Sentec Meyerton broadcasts B-14 season from Oct 26, 2014, til 28 March, 2015:

3255	0500	0600	52SE, 53SW, 57N	100	0	1234567	Eng	AFS	BBC	BAB	ENAFE_S
3255	1600	2000	52SE, 53SW, 57N	100	0	1234567	Eng	AFS	BBC	BAB	ENAFE_S
3320	1800	0400	57NW	100	275	1234567	Afr	AFS	SAB	SNT	
3345	0300	0400	52SE, 53W, 57N	100	5	23456	Eng	AFS	CAF	SNT	
4895	1630	1730	57N, 53SW	100	0	2	Eng	AFS	SRL	SNT	
6155	0300	0400	48W, 53NW, 52E	250	19	23456	Eng	AFS	CAF	SNT	
6180	1900	1933	46S, 47S, 52	100	330	1234567	Por	AFS	RFI	TDF	
6190	0500	0600	52SE, 53SW, 57N	100	15	1234567	Eng	AFS	BBC	BAB	ENAFE_S
6190	0600	0800	52SE, 53SW, 57N	100	0	1234567	Eng	AFS	BBC	BAB	ENAFE_S
6190	1600	2000	52SE, 53SW, 57N	100	15	1234567	Eng	AFS	BBC	BAB	ENAFE_S
7205	0800	0900	57N, 53SW	100	0	1	Eng	AFS	SRL	SNT	
7230	0400	0700	52SE, 53W, 57N	100	5	23456	Eng	AFS	CAF	SNT	
7285	0400	0700	57NW	100	275	1234567	Afr	AFS	SAB	SNT	
7465	1800	1830	53S	250	76	1234567	Fra	AFS	BBC	BAB	FRENA_S
9410	0600	0800	52SE, 53SW, 57N	100	15	1234567	Eng	AFS	BBC	BAB	ENAFE_S
9460	0400	0500	48SW, 53NW	100	15	1234567	Eng	AFS	BBC	BAB	ENAFE_E
9590	1800	1830	48	250	32	1234567	Som	AFS	BBC	BAB	SOMLA
9625	0700	1200	52SE, 53W, 57N	100	5	23456	Eng	AFS	CAF	SNT	
9625	1200	1300	52SE, 53W, 57N	100	5	23456	Nya	AFS	CAF	SNT	
9625	1300	1400	52SE, 53W, 57N	100	5	23456	Loz	AFS	CAF	SNT	
9625	1400	1500	52SE, 53W, 57N	100	5	23456	Por	AFS	CAF	SNT	
9625	1500	1600	52SE, 53W, 57N	100	5	23456	Eng	AFS	CAF	SNT	

9650	0700	1800	57NW	100	275	1234567	Afr	AFS	SAB	SNT	
9665	0430	0500	47SE, 48S, 52E,	250	19	1234567	Swa	AFS	RFI	TDF	
9755	1700	1730	52	100	328	1234567	Por	AFS	RFI	TDF	
9790	0400	0500	38S, 47E, 48, 52	100	20	1234567	Fra	AFS	RFI	TDF	
9810	1800	1859	37E, 38W, 47, 52	100	350	1234567	Fra	AFS	RFI	TDF	D
9830	1900	2000	37E, 38W, 47, 52	100	350	1234567	Fra	AFS	RFI	TDF	
11605	0500	0600	46SE, 47, 52	100	345	1234567	Fra	AFS	RFI	TDF	
11605	0600	0700	46SE, 47, 52	100	342	1234567	Fra	AFS	RFI	TDF	D
11610	1700	1730	48W	100	30	1234567	Tir	AFS	IBR	BAB	FE36
11610	1730	1800	48E, 48SW	100	30	1234567	Som	AFS	IBR	BAB	FE02
11660	1700	1900	47, 48W, 53W, 52	100	350	1234567	Fra	AFS	RFI	TDF	
11750	0400	0500	38S, 39S, 47E, 4	100	20	1234567	Fra	AFS	RFI	TDF	D
11750	1930	2000	46SE	250	328	1234567	Ibo	AFS	AWR	AWR	x112
11790	0530	0600	47SE, 48S, 52E,	100	5	1234567	Swa	AFS	RFI	TDF	
11800	1800	1830	46E, 47W	250	328	1234567	Eng	AFS	NHK	BAB	
11800	1800	1830	47, 52	250	328	1234567	Eng	AFS	NHK	NHK	
11830	1830	1900	48SW, 52E, 53NW	250	19	1234567	Eng	AFS	AWR	AWR	x107
11875	1800	1830	48	100	30	1234567	Som	AFS	BBC	BAB	SOMLA
11925	0500	0600	48SW, 53NW	250	5	7	Kin	AFS	BBC	BAB	KRWNA
11925	0529	0600	48SW, 53NW	250	5	1	Kin	AFS	BBC	BAB	KRWNA
12095	0500	0600	48SW, 53NW	250	19	1234567	Eng	AFS	BBC	BAB	ENAFW_E
12095	0600	0700	47SW, 52	100	335	1234567	Eng	AFS	BBC	BAB	ENAFW_C
15160	0530	0600	47SE, 48S, 52E	100	15	1234567	Swa	AFS	RFI	TDF	D
15170	0600	0700	46SE, 47SW, 52	100	342	1234567	Fra	AFS	RFI	TDF	
15170	0700	0900	46SE, 47SW, 52	250	342	1234567	Fra	AFS	RFI	TDF	
15235	1600	1700	46S, 46NW, 47	250	340	23456	Fra	AFS	CAF	SNT	
15235	1700	1800	46S, 46NW, 47	250	340	23456	Eng	AFS	CAF	SNT	
15255	0600	0700	46S, 46NW, 47	250	328	23456	Eng	AFS	CAF	SNT	
15360	1500	1600	47SE, 48S, 52E	250	7	1234567	Swa	AFS	RFI	TDF	
15420	1500	1700	48SW, 53NW	100	20	1234567	Eng	AFS	BBC	BAB	ENAFE_E
15490	0500	0600	48SW, 53NW	250	5	7	Kin	AFS	BBC	BAB	KRWNA
15490	0529	0600	48SW, 53NW	250	5	1	Kin	AFS	BBC	BAB	KRWNA
15490	1700	1730	48SW, 53NW	250	19	1234567	Swa	AFS	AWR	AWR	x117
15490	1730	1800	48SW, 53NW	250	19	1234567	Mas	AFS	AWR	AWR	x117
15790	1630	1700	48SW, 53NW	250	7	23456	Kin	AFS	BBC	BAB	KRWNA
15790	1830	1900	48SW, 53NW	250	7	23456	Kin	AFS	BBC	BAB	KRWNA
17660	1200	1300	46SE, 47, 52N	250	342	1234567	Fra	AFS	RFI	TDF	
17745	1230	1400	48	250	32	7	Som	AFS	BBC	BAB	SOMLA
17745	1500	1700	48	250	32	7	Som	AFS	BBC	BAB	SOMLA
17760	0800	0900	48, 53W	250	19	1	Eng	AFS	SRL	SNT	
17770	1500	1600	48, 47E, 52E, 53	250	19	23456	Swa	AFS	CAF	SNT	
17830	0700	0800	47SW, 52	250	328	1234567	Eng	AFS	BBC	BAB	ENAFW_C
17870	1630	1700	48SW, 53NW	250	7	23456	Kin	AFS	BBC	BAB	KRWNA
17880	0700	0729	47S, 52N, 52SE	250	342	1234567	Fra	AFS	BBC	BAB	

(hfcc B-14 Sentec entries, via wwdxc BC-DX TopNews Nov 3)

SPAIN - On October the 15th REE closed down the transmitting station in Noblejas, but fortunately yesterday after long deliberating, the RTVE Board of Directors approved to restart in this month, the shortwave transmissions from Noblejas. The restart will be mainly beamed to 4 main targets in a periods of 4 hours daily and 8 hours weekends. (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Dec 5)

Registered B-14 frequencies of REE Noblejas Dec 11, all other are deleted

1600-2400	9620	NOB	200	kW	290	deg	to	NAm	Spanish	Sa/Su
1600-2400	11685	NOB	200	kW	161	deg	to	WCAf	Spanish	Sa/Su
1600-2400	11940	NOB	200	kW	230	deg	to	SAm	Spanish	Sa/Su
1600-2400	12030	NOB	200	kW	110	deg	to	NEAf	Spanish	Sa/Su
1600-2200	17715	NOB	200	kW	230	deg	to	SAm	Spanish	Daily
1600-2400	17755	NOB	200	kW	161	deg	to	WCAf	Spanish	Daily
1800-2400	17850	NOB	100	kW	272	deg	to	CAm	Spanish	Daily
1800-2400	21610	NOB	200	kW	110	deg	to	NE/ME	Spanish	Daily
1900-2300	15110	NOB	200	kW	302	deg	to	NAm	Spanish	Daily
2000-2400	9620	NOB	200	kW	290	deg	to	NAm	Spanish	Mo-Fr
2000-2400	11685	NOB	200	kW	161	deg	to	WCAf	Spanish	Mo-Fr

2000-2400 11940 NOB 200 kW 230 deg to SAm Spanish Mo-Fr
 2000-2400 12030 NOB 200 kW 110 deg to NEAf Spanish Mo-Fr
 2000-2400 15385 NOB 200 kW 161 deg to WCAf Spanish Mo-Fr
 (Ivo Ivanov-BUL, via wwdxc BC-DX TopNews Dec 11)

SUDAN - Shortwave transmissions from Sudan are back on the air:

Radio Omdurman Sudan:

0215-0430 on 7200 ALF 100 kW / 210 deg to CAf Arabic, carrier Dec.8
 1430-1530 on 7200#ALF 100 kW / 210 deg to CAf Arabic, confirmed Dec.8
 1930-2100 on 7200 ALF 100 kW / 210 deg to CAf Arabic, confirmed Dec.8 till 2100
 # till 1500 het from Myanmar Radio Burmese on 7199.9 and also co-ch from 1523
 Voice of Islamic Republic of Iran IRIB Kazakh

Voice of Africa, Sudan Radio:

0600-0630 on 9505 ALF 100 kW / 110 deg to EAf Tigrinya, confirmed Dec.8
 0630-0700 on 9505 ALF 100 kW / 110 deg to EAf Amharic, tx is off Dec.8
 0700-0800 on 9505 ALF 100 kW / 110 deg to EAf Swahili, confirmed Dec.8
 0800-0900 on 9505 ALF 100 kW / 110 deg to EAf English, confirmed Dec.8
 1630-1730 on 9505*ALF 100 kW / 210 deg to CAf French, confirmed Dec.8
 1730-1830 on 9505*ALF 100 kW / 210 deg to CAf English, confirmed Dec.8
 1830-1930 on 9505*ALF 100 kW / 210 deg to CAf Hausa, confirmed Dec.6/7
 * till 1800 strong co-ch from BBC English and also strong QRM from TWR Africa English 1802-1902 on 9500.
 Changes between languages vary from 3 to 5 minutes. (DX-MIX 884)

SWAZILAND - 9499.982 TWR Manzini scheduled 1802 til 1902 UT, but Ivo says start later at 1832 UT now, observed in English service. Reliable signal straight northwards from Manzini txing site. A daily guest here in Europe in this season on a clear channel. (wb, wwdxc BC-DX TopNews Nov 15)

Changes of Trans World Radio Africa, Manzini-SWZ site:

1802-1832 9500 MAN 100 kW 013 deg to EAf English, ex1802-1902
 1832-1902 9500 MAN 100 kW 013 deg to EAf Juba, new, not daily
 1820-2035 6130 MAN 100 kW 312 deg to SAf ex1750-2005 as follows
 1820-1850 6130 MAN 100 kW 312 deg to SAf Umbundu Mo-Fr
 1850-1905 6130 MAN 100 kW 312 deg to SAf Chokwe Daily
 1905-1920 6130 MAN 100 kW 312 deg to SAf Umbundu Daily
 1920-1935 6130 MAN 100 kW 312 deg to SAf Portuguese Sa/Su
 1920-1935 6130 MAN 100 kW 312 deg to SAf KiKongo Tue-Fri
 1920-1935 6130 MAN 100 kW 312 deg to SAf Luvale Mo
 1935-1950 6130 MAN 100 kW 312 deg to SAf Kuanyama Su
 1935-1950 6130 MAN 100 kW 312 deg to SAf Portuguese Mo/Tue
 1935-1950 6130 MAN 100 kW 312 deg to SAf Luchazi Wed
 1935-1950 6130 MAN 100 kW 312 deg to SAf Luvale Thu
 1935-1950 6130 MAN 100 kW 312 deg to SAf Fiote Fr
 1935-1950 6130 MAN 100 kW 312 deg to SAf Lunyaneka Sa
 1950-2020 6130 MAN 100 kW 312 deg to SAf Portuguese Daily
 2020-2035 6130 MAN 100 kW 312 deg to SAf Kimbundu Daily
 (Ivo Ivanov-BUL, via wwdxc BC-DX TopNews Nov 14)

UKRAINE - 7199.77 - UKR pirate, Starobelsk near Lugansk.

7199.77 - A3E (AM) - Est-Ukraine pirate transmitting Russian music - location: Starobelsk.
 (Wolf Hadel-D DK2OM, intruderalert bandwatch Nov 30)

From December 1, Radio Voice of Ukraine World Service resumed its mediumwave broadcasts on the frequency of 1431 kHz from a 800kW transmitter in the Mykolayiv transmitter site. The transmission is in Ukrainian between 1500 and 1900 UTC and is beamed northeast towards Russia. (DX-MIX 884)

U.S.A. - 9395 GLOBAL24 English via WRMI Okeechobee #1 site in Florida:

0000-1200 UT mainlobe at 315deg Alabama, Montana, Vancouver Canada.

1200-2400 UT mainlobe at 355deg Ohio, Toronto Canada.

Vertical log-periodic antenna.

Daily Mailbag 0000-0030 .23456. 100 315 LLC b14
 PCJ Media Network Plus 0000-00307 100 315 PCJ b14

The Rock Pile	0000-0400	....5..	100	315	LLC	b14	
Radio	0000-2400	1234567	100	315	LLC	b14	Nov.1-
Blues Radio International	0030-0100	..3...7	100	315	WRN	b14	
Israel Radio	0030-0100	....5..	100	315	WRN	b14	
PCJ Switzerland in Sound	0030-0100	...4...7	100	315	WRN	PCJ	b14
World of Radio	0030-0100	.....6.	100	315	WRN	b14	
Radio Cairo	0030-0200	.2.....	100	315	ERU	b14	
The Rock Pile	0100-0300	..3....	100	315	LLC	b14	
Jazz from the Left	0100-0400	1....6.	100	315	LLC	b14	
Radio Cairo	0300-0400	...4...	100	315	ERU	b14	
Radio Cairo	0300-0430	..3....	100	315	ERU	b14	
Blues Radio International	0330-0400	....5..	100	315	WRN	b14	
World of Radio	0400-0430	...4...	100	315	WRN	b14	
R.France Int.	0400-0500	.....6.	100	315	RFI	b14	
PCJ Media Network Plus	0430-0500	...4...	100	315	PCJ	b14	
Jazz for the Asking	0500-0600	..3....	100	315	LLC	b14	
PCJ Kelly Alexander Show	0500-0600	....5..	100	315	PCJ	b14	
R.France Int.	0500-0700	12.4...	100	315	RFI	b14	
The Rendez Vous	0500-0700	.....7	100	315	LLC	b14	
The Rock Pile	0500-0715	.....6.	100	315	LLC	b14	
R.France Int.	0600-0800	....5..	100	315	RFI	b14	
PCJ Focus Asia Pacific	0700-0730	.234...	100	315	WRN	PCJ	b14
PCJ Switzerland in Sound	0700-0730	.....7	100	315	WRN	PCJ	b14
The Rendez Vous	0700-0900	1.....	100	315	LLC	b14	
EU News Network	0715-0730	.....6.	100	315	EUNN	b14	
Blues Radio International	0730-0800	.....6.	100	315	WRN	b14	
Daily Mailbag	0730-0800	.234...	100	315	LLC	b14	
PCJ Focus Asia Pacific	0730-0800	.....7	100	315	WRN	PCJ	b14
Old Time Radio	0800-0830	..3....	100	315	LLC	b14	
Old Time Radio	0800-0900	12....7	100	315	LLC	b14	
Polish Radio	0800-0900	...4.6.	100	315	WRN	b14	
The Rock Pile	0800-1030	....5..	100	315	LLC	b14	
Daily Mailbag	0830-0900	..3....	100	315	LLC	b14	
KBS World Radio	0900-1000	1234.67	100	315	WRN	KBS	b14
PCJ Media Network Plus	1000-1030	1.....	100	315	PCJ	b14	
World of Radio	1000-1030	.....7	100	315	WRN	b14	
Channel Africa	1000-1100	.234.6.	100	315	WRN	b14	
Blues Radio International	1030-1100	....5..	100	315	WRN	b14	
PCJ Switzerland in Sound	1030-1100	.....7	100	315	WRN	PCJ	b14
Tales From The South	1030-1100	1.....	100	315	WRN	b14	
NHK WORLD RADIO JAPAN	1100-1200	...4...	100	315	WRN	NHK	b14
PCJ Happy Station Show	1100-1200	....5..	100	315	PCJ	b14	
PCJ Kelly Alexander Show	1100-1200	.....6.	100	315	PCJ	b14	
The Rendez Vous	1100-1200	1.....	100	315	LLC	b14	
The Rock Pile	1100-1200	.....7	100	315	LLC	b14	
Jazz from the Left	1100-1200	.2.....	100	315	LLC	b14	
The Rendez Vous	1200-1300	1.....	100	355	LLC	b14	
The Rock Pile	1200-1300	.....7	100	355	LLC	b14	
Jazz from the Left	1200-1400	.2.....	100	355	LLC	b14	
R.Slovakia Int.	1200-1300	...4...	100	355	WRN	b14	
The Rendez Vous	1200-1400	.....6.	100	355	LLC	b14	
Jazz for the Asking	1300-1400	...4...	100	355	LLC	b14	
PCJ Happy Station Show	1300-1400	.....7	100	355	PCJ	b14	
Radio Cairo	1300-1430	1.....	100	355	ERU	b14	
Old Time Radio	1400-1430	.....7	100	355	LLC	b14	
Old Time Radio	1400-1500	.2345..	100	355	LLC	b14	
Blues Radio International	1430-1500	.....7	100	355	WRN	b14	
PCJ Switzerland in Sound	1430-1500	1.....	100	355	WRN	PCJ	b14
Democracy Now	1500-1600	.23456.	100	355	LLC	b14	
Channel Africa	1600-1700	.2345..	100	355	WRN	b14	
Radio Prague	1600-1730	.....7	100	355	WRN	b14	
R.NEWZEALAND INT.	1700-1715	..3.56.	100	355	WRN	RNZ	b14
EU News Network	1700-1730	..3....	100	355	EUNN	b14	

Vatican Radio	1715-1730	..3.56.	100	355	WRN	b14
Blues Radio International	1730-1800	1.....	100	355	WRN	b14
PCJ Focus Asia Pacific	1730-1800	.....7	100	355	WRN	PCJ b14
R.Slovakia Int.	1730-1800	...45..	100	355	WRN	b14
Radio Prague	1730-1800	.23..6.	100	355	WRN	b14
NHK WORLD RADIO JAPAN	1800-1830	.2.....	100	355	WRN	NHK b14
Radio Guangdong	1800-1830	1.....	100	355	WRN	RGD b14
Radio Sweden	1800-1830	..3456.	100	355	WRN	b14
Blues Radio International	1830-1900	.2.....	100	355	WRN	b14
KBS World Radio	1830-1900	1.....	100	355	WRN	KBS b14
R.Slovakia Int.	1830-1900	..3456.	100	355	WRN	b14
Polish Radio	1900-2000	1234567	100	355	WRN	b14
Sons of Liberty	2000-2100	.23456.	100	355	SOL	b14
Sons of Liberty	2000-2200	.....7	100	355	SOL	b14
PCJ Focus Asia Pacific	2100-2130	.2.....	100	355	WRN	PCJ b14
Dialogos Greece	2100-2200	....5..	100	355	LLC	b14
The Rendez Vous	2100-2230	1.....	100	355	LLC	b14
The Rendez Vous	2100-2300	..3..6.	100	355	LLC	b14
Blues Radio International	2130-2200	.2.....	100	355	WRN	b14
World of Radio	2200-2230	.2.45..	100	355	WRN	b14
Blues Radio International	2230-2300	....5..	100	355	WRN	b14
PCJ Kelly Alexander Show	2230-2300	1.....	100	355	PCJ	b14
PCJ Switzerland in Sound	2230-2300	.2.....	100	355	WRN	PCJ b14
Wavescan	2230-2300	...4...	100	355	WRN	b14
Democracy Now	2300-2400	.23456.	100	355	LLC	b14
PCJ Happy Station Show	2300-2400	1.....	100	355	PCJ	b14

(Aoki list, via wwdxc BC-DX TopNews Nov 19)

Actual schedule see:

<https://docs.google.com/spreadsheets/d/1sfbOQ_lr65W7iIFaD-lnYF7zJul3RsNtMPPoSTFEfmdA/edit#gid=0>

Winter B-14 shortwave schedule of Eternal Good News with George Brayon

0445-0500	on	9830	HRI	250	kW	/	047	deg	to	WeEu	English	Sa	WHRI	,	Angel # 2
1730-1745	on	21600	HRI	250	kW	/	085	deg	to	CeAf	English	Sa	WHRI	,	Angel # 1
1800-1815	on	9715	MOS	100	kW	/	115	deg	to	N/ME	English	Sa	Media Broadcast		
1930-1945	on	6030	NAU	100	kW	/	090	deg	to	EaEu	English	Sa	Media Broadcast		
1115-1130	on	21480	MDC	125	kW	/	045	deg	to	EaAs	English	Su	Media Broadcast		
1230-1245	on	9930	HBN	100	kW	/	318	deg	to	EaAs	English	Su	T8WH	,	Angel # 3
1815-1830	on	7365	NAU	100	kW	/	105	deg	to	WeAs	English	Su	Media Broadcast		
2100-2115	on	9505	HRI	250	kW	/	047	deg	to	WeEu	English	Su	WHRI	,	Angel # 2
0200-0215	on	7385	HRI	100	kW	/	315	deg	to	WNA	English	Mo	WHRI	,	Angel # 6

7555 11715 KJES missing.

It seems that KJES has been missing from 11715 kHz for quite a while. When did anyone last hear it? Schedule 1400-1700 UT. Same question on 7555 kHz at 0200-0330 UT. (These were a UT hour earlier during DST). (gh, dxld Nov 26)

KJES Gone shortwave - for ever ? I just received an e-mail from Tom Beton, a member of the BADX Group. (Boston Area Dxr's.) He received a QSL for a report he sent to KJES last summer. A note on the QSL said they were no longer broadcasting on Short Wave, just on the Web. I went to their site and sure enough, they are off. They say that with the shortage of trained people to keep the transmitter going, and the advent of the "new technology" they are now broadcasting via the web. I never listened to them much, but still a bummer to learn another station has left the bands. (John M. Fisher, North Chelmsford, MA-USA, DXplorer Nov 24)

Man, another one bites the dust. KJES was kind of a bizarre station. Remember in the early days when we couldn't figure out exactly who those kids were. They sounded like zombies. Only later did they come out as children, and Catholic, I believe. Still, I'll miss them! (Walt Salmaniaw-BC-CAN, DXplorer Nov 25)

U.S.A. [ALASKA / GUAM / MARIANA ISLS{Saipan} / PALAU] - List of Private US Shortwave Stations since 1962:

Call	Location	State	Remarks	Year
KAIJ	Dallas	TX	ex KCBI	1994 - 2009

KCBI	Dallas TX	later KAIJ	1985 - 1994
KFBS	Saipan SA		1984 - 2011
KGEI	Redwood City CA		1939 - 1994
KHBI	Saipan SA	now IBB stn	1989 - 1998
KHBN	Medorn,Aimeliik PL 1)		1992 -
KIMF	Battle Mountain NV	planned	-
KJES*	Vado NM		1992 -
KNLS*	Anchor Point AK		1983 -
KSDA	Agat GU		1987 - 2000
KTBN	Salt Lake City UT	ex KUSW	1990 - 2008
KTMI	Lebanon OR	planned	-
KTWR*	Merizo GU		1977 -
KUSW	Salt Lake City UT	later KTBN	1987 - 1990
KVOH*	Rancho Simi CA		1986 -
KYOI	Saipan SA	later KHBI	1982 - 1989
KWHR	Naalehu HI		1993 - 2009
WBCQ*	Monticello ME		1998 -
WBOH	Newport NC		2002 - 2009
WCSN	Scotts Corner ME	later WVHA	1987 - 1994
WEWN*	Vandiver AL		1992 -
WGTA	McCaysville GA	later WWFV	1995 - 2000
WHRA	Greenbush ME	ex WVHA	2002 - 2009
WHRI*	Noblesville IN		1985 - 2004
	Furman 2) SC	exWSHB	2004 -
WINB*	Red Lion PA		1962 -
WJCR	Upton KY	later WJIE	1992 - 2002
WJHR*	Milton FL		2009 -
WJIE	Upton KY	exWJCR	2002 - 2005
WMLK*	Bethel PA	Off Air since 2008 3)	1985 -
WNYW	Scituate MA	ex WRUL, later WYFR	1966 - 1973
WRMI*	Miami FL		1994 - 2013
	Okeechobee FL	ex WYFR	2013 -
WRNO*	New Orleans LA	Off Air	2005 - 2008
		4)	1982 -
WRUL	Scituate MA	later WNYW	1939 - 1966
WSHB	Furman SC	2) now WHRI	1989 - 2004
WTJC	Newport NC		1999 - 2012
WTWW*	Lebanon TN		2010 -
WVHA	Greenbush ME	ex WCSN, later WHRA	1994 - 2002
WWBS	Macon GA		1998 - 2003
WWCR*	Nashville TN		1989 -
WWFV	McCaysville GA	ex WGTA, later WWRB	2000 - 2004
WWRB*	Morrison TN	ex WWFV	2004 -
WYFR	Scituate MA	ex WNYW	1973 - 1979
	Okeechobee FL	now WRMI	1979 - 2013

Note: * Stations are still active, 14 stations.

Total 42 Calls

1) Palau independent in 1994

2) Furman Cypress Creek, SC

3) Off Air because of ice storm

4) Off Air because of hurricane Katrina

(Lennart, via Swedish DX Bulletin SWB #1811, Nov 22)

Editor's info desk was closed for this edition on December 12th, 2014, 17:00 hours UTC.

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

Sources & Contributors:

A-DX - e-mail exchange - Austria.

Alokesh Gupta - New Delhi - India.

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

CONEXION - CONEXION Digital - Buenos Aires - Argentina.

DXLD - Glenn Hauser's DX LISTENING DIGEST - USA.

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.

Any items from Glenn Hauser, DX LISTENING DIGEST, and/or World of Radio may be reproduced or broadcast only if full credit be maintained at all stages, from the original source through DXLD, and publications quoting are made available to gh in exchange.

Items from this file may be reproduced or re-reproduced only if full credit is maintained at all stages.

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 = Albany, Arm = Armavir/RUS, Ban = Bangalore, Be = Beijing /China, Bib = Biblis /DL, BIH = Bosnia-Herzegovina, BLR = Byelorussia, BOT = Botswana, Br = Brandon /Aus, CHN = China, CLN-IRA = Sri Lanka Iranawila, CLN-TRM = Sri Lanka Trincomalee, Du = Dushanbe /TJK, ERV = Erivan/Armenia, F = Issoudun/France, FI = Florida/USA, HAB = Habana /Cuba, Ho = Hohhot /CHN, HRI = WHRI Cypress Creek /USA, IK = (IRK) Irkutsk /Siberia, Jin = Jinhua, Kash = Kashgar/CHN, Ka = Kingsway (Delhi), Kh = Khampur (Delhi), KOR = (South) Korea, Ku = Kununurra /Aus, Kun = Kunming /CHN, KWT = Kuwait, Lam = Lampertheim/DL, M = Moscow (Taldom), MCO = Monaco, MDA = Moldavia, MDG = Madagascar, MNG = Mongolia, MRA = Northern Marianas, N = Nauen/DL, Nn = Nanning/CHN, Pan = Panaji /India, RRW = Ruanda, RSA = Meyerton /South Africa, RUS = Russia incl. Sibiria, SAI = Saipan (MRA), Sh = Shepparton/Aus, SNG = Singapur, STP = Sao Tomé, SWZ = Swaziland, TH = (NAK) Nakhon Sawan/Thailand, TIN = Tinian (MRA), TJK = Tajikistan, TWN = Taiwan, UAE = Al Dubbaya /United Arab Emirates, Ur = Urumchi/CHN, Wof = Woofferton /GB, Xi = Xian/CHN, Ya = Yamata/Japan.

Mostly within round brackets target areas as known:

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

Languages:

Ar Arabic - Ch Chinese - Du Dutch - E, En English - F French - G, Ge German - Gr Greek - I Italian

- J Japanese - K Korean - P Portuguese - R Russian - Sp Spanish - Turk Turkish

Technical hint with frequency (QRG):

(*) = Digital Radio broadcast (DRM) v = variable irr = irregular

/USB = upper sideband, /LSB = lower sideband, alt.: (QRG) = alternative frequency

Editor:

Walter Eibl (we), P.O. Box 1545, 91005 Erlangen, Germany.

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

Used equipment:

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

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

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

The end of an era - BBC Relay Station site handed back to Seychelles

Tuesday November 18 marked the closure of an iconic chapter of Seychelles' history, signalling the end of an era when information was much more difficult to come by. With much of Africa joining the internet and mobile phone revolution, the times of trying to glean information about happenings in the rest of the world on a crackly AM radio station have now passed by.



The four steel towers of the former BBC World Service relay station, one as high as 75 metres and the others 65 metres tall, constitute an imposing and familiar feature of Grand Anse. (John Lablache, Seychelles News Agency)

Over 25 years after its establishment, the site of the BBC's former Indian Ocean Relay Station (IORS), located at Grand Anse, on the western side of the largest inhabited island in the archipelago, was handed back to the government of Seychelles by the country's British High Commissioner, Lindsay Skoll.

The station transmitted BBC World Service programmes since 1988 via shortwave to listeners across East Africa in a range of languages, including the BBC's English-language output for Africa as well as programmes in Swahili, Kinyarwanda, Kirundi, Somali and French.

In November 2013, the BBC announced its intention to cease all its shortwave transmission services from Seychelles due to a gradual and irreversible fall in demand for shortwave radio services, and on March 29 this year, the BBC IORS retransmission services from Seychelles were officially switched off. BBC World Service broadcasts in East Africa are still available via the internet and also via various other localised frequencies.

The handing over of the site to the Ministry of Land Use and Housing (MLUH) also included the station's buildings and equipment, all of which are still in working order. The site is spread over a 32,000 square metre property, occupied under a lease dating back to March 27, 1985.

A communications boost for Seychelles

The station is equipped with 33KV high-voltage equipment and transformers which will now go into the possession of the Public Utilities Corporation, while the Seychelles Civil Aviation Authority (SCAA) will take over three of the BBC's four steel communications towers and the annex building.

The SCAA will use the towers to strengthen its air communication and surveillance capabilities and the annex building will be used to house a new high-frequency aviation communications radio system to help control air traffic coming in from the west of the island.

The fourth steel tower will be allocated to the local telecommunications company Cable and Wireless for mobile based telecommunications.

(Grand Anse, Mahe, November 19, 2014, by: Joana Nicette, Sharon Uranie and Hajira Amla - Seychelles News Agency - via Alokesh Gupta, India and Richard Buckby, Great Britain)

Full story & pictures at:

<http://www.seychellesnewsagency.com/articles/1792/The+end+of+an+era+-+BBC+Relay+Station+site+handed+back+to+Seychelles>



DX LOGBOOK

Logs around the clock

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

MEDIUMWAVE BAND

Frequency	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
630.0	2045	211	G	Mayfair Prem.,London	English	London tourism	2611	MF
639.0	2100	221	G	BBC Premier, Southend	English	Sea weather forecast	2511	MF
693.0	1805	222	G	Margate Premier	English	Peace in N. Ireland	2712	MF
720.0	1730	211	G	Jewish Premier,Southend	English	UTA	2711	MF
810.0	1735	222	G	Jewish Gold,Farnborough	English	Amazon company	2711	MF
828.0	2130	221	G	Gold,Bournemouth	English	Sports	2511	MF
855.0	2105	121	G	Israel Premier,Dorset	English	Israel attack	2511	MF
900.0	2110	222	G	Gold,Dover	English	Radioplay,ID	2511	MF
954.0	2055	211	G	Oxford XL	English	Opera Tommy by Who	2711	MF
971.0	1720	333	G	London Turkish Radio	Turkish	ID, Hits	2711	MF
999.0	1800	211	G	Canterbury Premier	English	Currency & Stock market	2511	MF
1017.0	1805	121	G	BBC Gold,Birmingham	English	Internet and user	2511	MF
1035.0	1640	121	G	Premier Gold,Nottingham	English	TV shows	2711	MF
1062.0	1645	222	G	Israel Premier,Luton	English	Isreal's security	2711	MF
1107.0	2210	221	G	FB Premier,Birmingham	English	Football at Vauxhall	2311	MF
1125.0	2055	211	G	Football Prem., Plymouth	English	Play with Torquay	2611	MF
1170.0	1825	132	G	Premier Gold,Exeter	English	Dartmoor prison	2511	MF
1197.0	2100	111	G	Premier,Plymouth	English	Seawweather	2611	MF
1242.0	1800	211	G	Radio Virgin,Sandhurst	English	Our boys in Afghanistan	1011	MF
1305.0	0600	121	G	Hit Premier,Belfast	English	Hit singer Leo Sayer	0211	MF
1332.0	2125	221	G	BBC Radio, Cornwall	English	Mandy is a star	2511	MF
1350.0	2324	444	ITA	I AM Radio	English	ID,Jazz Music,ID	3110	HD

SHORTWAVE BANDS

Frequency	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
4760.0	2318	222	LBR	ELWA		Religious program	0612	HD
4765.0	2342	333	TJK	Tajik radio 1	Vernacular	Announcements, Music	3110	HD
4775.0	2302	242	B	Radio Congohas	Portugese	Religious program	0612	HD
4780.0	2123	232	DJI	Radio Djibouti	Vernacular	Gebet,Music	0811	HD
4885.0	2206	342	B	Radio Clube do Para	Portugese	Music,IS,Announcements	0612	HD
4895.0	2344	242	MGL	Mongolian Radio	Vernacular	Music,Announcements	2111	HD
4955.0	2311	232	PRU	Radio Cultural Amauta	Spanish	Announcements, Music	0612	HD
5025.0	0621	333	CUB	Radio Rebelde	Spanish	Music, Announcements	2411	HD
5940.0	2227	242	B	Radio Voz Missionaria	Portugese	Music,ID	0612	HD
5952.5	2232	343	BOL	Radio Pio XII	Spanish	Music,Announcements	0612	HD
5985.0	2350	232	BRM	Padauk Myay Radio	Vernacular	Local music,Talks	0811	HD

6005.0	0910	444		Radio Mi Amigo	English	Music,Jingle,Anncts.	2311	HD
6175.0	0342	533	USA	Voice of Vietnam	English	Sunday Studio	3011	RL
7265.0	0936	433	D	Hamburger Lokalradio	German	Cultural program, Music	2211	HD
7325.0	0330	553	IRN	VOIRI	English	News,Commentary	1411	RL
7325.0	0139	553	ROU	Radio Romania Intl.,	English	DX Mailbag	0312	RL
7365.0	0956	444	D	HCJB	German	Religious program	2211	HD
7375.0	0010	553	D	The mighty KBC Radio	English	Welcome back song	3011	RL
7380.0	2135	453	ROU	Radio Romania Intl.,	English	Week in review,Roots	2911	RL
9395.0	2309	444	USA	Global24 Radio	English	News,Politics	3110	HD
9645.0	2313	242	B	Radio Bandeirantes	Portugese	Reports	2111	HD
9655.0	0436	453	TUR	Voice of Turkey	English	DX Corner	3011	RL
9770.0	0510	453	F	Radio Japan,NHK World	English	A place with a piano	2911	RL
9835.0	2323	343	MLA	RTM Sarawak FM	Vernacular	Music,ID,Announcements	2111	HD
9955.0	0145	553	USA	Radio Slovakia via WRMI	English	Slovakia Today, Education	0212	RL
11550.0	2114	443	USA	WRMI	English	Interview	2111	HD
11735.0	1002	242	B	Radio Transmundial	Portugese	Music,Announcements,ID	1011	HD
11765.0	2125	443	B	Super Radio Deus e Amor	Portugese	Music,Speech	0612	HD
11780.0	2133	443	B	Radio Nacional Brasilia	Portugese	Music,Announcements	0612	HD
11855.0	2142	343	B	Radio Aparecida	Portugese	Music,Religious Px., ID	0612	HD
11895.0	2150	222	B	Radio Boa Vontade	Portugese	Music,Announcements	0612	HD
11975.0	1738	453	F	Radio Taiwan Intl. Relay	English	Woman making waves	2811	RL
12085.0	1007	443	MGL	Voice of Mongolia	Vernacular	Report, Announcements	0911	HD
12115.0	0029	553	PHL	Radio Free Asia	Burmese	ID in English & Program	1811	RL
15770.0	2136	453	USA	WRMI	English	World of Radio # 1747	1411	RL

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

- 5910.0 ROMANIA. Radio Romania International – Taganesti, 0150-0258* Nov 16, classical music program hosted by a male announcer with Romanian language talks and ID at 0200. Classical music continued up to the moment the carrier was terminated mid-selection. Good signal.
- 6145.0 ROMANIA. Radio Romania International – Galbeni, 0506-0532 Nov 23, Romanian language program with news, news features, IDs and English pop music at 0520. Good signal.
- 7285.0 ENGLAND. BBC – Woofferton, -446-0459* Nov 15, Arabic language program with female announcer at 0458 with ID and closing announcements before a man with ID followed by several more IDs before carrier was terminated. Fair.
- 7285.0 SOUTH AFRICA. Radio Sonder Grense – Meyerton (tentative), 0455-0520 fade out Nov 15, noted weakly behind BBC's Arabic program with music. It was in the clear but very weak from 0459 with time pips at 0500 followed by talk. Much too weak to ID language or station for that matter. Faded out by 0520 although weak signal was rapidly deteriorating throughout listening period. Thought I saw somewhere that South African was suffering electrical problems that could impact Meyerton facility.
- 7460.0 BOTSWANA. Voice of America – Moepeng Hill, *0328-0344 Nov 16, man announcer opened with "This is the Voice of America, Washington, DC signing on" which was followed by Yankee Doodle theme music. Woman announcer opened program in listed Kinyarwanda language. Man with newscast. Fair to good signal.
- 7465.0 ALBANIA. Radio Tirana – Shijak, 2110-2129* Nov 22, woman announcer with English news until 2113 IS and followed by a program of Albania vocal selections. Closing ID and announcements at 2129 followed by IS before carrier was terminated. Fair to good.
- 9465.0 BULGARIA. Global 24 Radio, 0509-0536 Nov 22, testing on this frequency a European based transmitter with English announcements, IDs and program called The Rockpile hosted by Raoul featuring vinyl flavored oldies rock music. Fair. Noted again around 2100 with slightly better signal.
- 9610.0 TURKEY. Voice of Turkey – Emirler, 2143-2227* Nov 22, English program with long talks until ID at 2202 followed by multi-lingo IDs and then Question of the Month feature. This was followed by a program of Turkish vocal music. At 2223 a woman announcer gave closing ID and times and frequencies followed by light instrumental music until carrier was terminated. Poor at first but fair by closedown.
- 11950.0 MADAGASCAR. Radio Japan - Talata Volonondry, 2049-2100* Nov 22, French program with talk by a man announcer, brief instrumental music ending program segments and rock vocal at 2056. At 2059 man returned with ID and closedown announcements followed by time pips and carrier terminated. Fair.
- 15170.0 ROMANIA. Radio Romania International – Taganesti, 1553-1557* Nov 15, woman announcer with talk in listed Romanian language until end of program

- at 1556 when another female gave station ID and closing announcements followed by instrumental music before carrier was terminated. Fair.
- 17630.0 CLANDESTINE (Somalia) Radio Xoriyo Ogaden - Issoudun, 1607-1630 Dec 7, Listed Somali language program with talk followed by Horn of African vocals. Program mainly of talks but some short musical segment breaks between features. Missed closedown but gone at 1631 recheck so presume off at 1630. Poor to fair although beginning to deteriorate by 1616.
- 17640.0 ASCENSION ISLANDS BBC, 1610-1633 Dec 7, live coverage of Premier League action with Aston Villa and Leicester match. Fair.
- 17780.0 ASCENSION ISLANDS BBC, 1709-1718 Dec 7, switch frequencies at top of the hour continuing with live coverage of Premier League action with Aston Villa and Leicester match. Fair.
- 17850.0 CLANDESTINE (Somalia) Oromo Voice Radio – Issoudun, man announcer with apparent news and news features in listed Oromo language. Nice ID just before carrier was terminated at 1630. Fair but beginning to deteriorate at 1615.
- 25910.0 USA KLDE – Eldorado, 1632-1654 Dec 6, final heard oldies on this oldies station with Credence Clearwater Revival music. I usually hear Latin music on weekends. Fair.

Here are the loggings from Richard A. D'Angelo on French Creek DXpedition No. 46 (Nov. 23-25, 2014):

- 4754.9 BRAZIL Radio Imaculada – Campo Grande, 2323-2350 Nov 23, Portuguese religious talks by man announcer followed by a woman with ID and announcements. Some vocal selections more IDs and announcements followed by a nice formal ID at 2334. Fair and growing stronger.
- 4760.0 LIBERIA ELWA Radio (very tentative), 0707-0715 Nov 24, could weakly hear a man speaking but even language identification was difficult. If them would be lost as daylight making this worse by the minute. Heard weakly again around 2300 Nov 24 but not much audio.
- 4775.0 PERU Radio Tarma - Tarma, 2238-2303 Nov 23, man announcer with IDs, announcements hosting a program of OA music. Fair signal.
- 4780.0 DJIBOUTI Radiodiffusion Télévision de Djibouti, 0307-0330 Nov 24, male recitations from the Qur'an. Poor to fair.
- 4800.0 CHINA Voice of China – Golmud, Qinghai, 2326-2345 Nov 24, man and woman announcers speaking in Chinese; several announcements with news features from 2330. Poor to fair //11710 fair.
- 5035.0 BRAZIL Radio Aparecida, 2233-2316 Nov 24, man announcer with Portuguese talks, vocals and IDs. Poor to fair //11855 was good.
- 5885.0 SRI LANKA Voice of America - Iranawila, 0033-0058* Nov 23, Tibetan language program consisting mainly of talks by female announcers, several IDs and brief instrumental music segments between items. Closed with instrumental music until carrier terminated. Fair to good.
- 5950.0 ETHIOPIA Voice of Tigray Revolution - Mekele, *0256-0315 Nov 24, familiar flute-like IS followed by a man announcer with opening in listed Tigrinya language. Brief news followed by nice program of Horn of Africa vocals and instrumentals. Generally poor level.
- 5950.0 FRANCE KBS World – Issoudun, 2050-2100* Nov 23, French language program with talks by a man and woman followed by pop music vocals. Nice closedown at 2056 followed by instrumental music until carrier terminated. Good signal.
- 5995.0 MALI Radiodiffusion Télévision du Malienne, 2345-2359* Nov 24, woman announcer with French talk hosting program of African tribal vocals until closedown. Poor to fair.
- 6005.0 ASCENSION ISLANDS BBC, 0647-0655 Nov 24, sports program with news of Chelsea loss to Crystal Palace and tennis results. Fair to good.
- 6055.0 RWANDA Radio Rwanda, 2058-2100* Nov 23, man announcer with French talk just prior to carrier being terminated at top of the hour. Poor to fair.
- 6100.0 BOSNIA International Radio of Serbia - Bijeljina, 2150-2213 Nov 24, French program with talks, ID followed by group vocals. IS at 2159 followed by instrumental music and a woman announcer with ID, opening announcements and news. Good until top of the hour when CRI in Spanish messed up channel.
- 7230.0 SOUTH AFRICA Channel Africa – Meyerton, 0422-0450 Nov 24, English program with news and features with Ebola coverage, several IDs, question of the day features. Poor to fair.
- 7345.0 ROMANIA Radio Romania International – Tiganesti, 0635-0646 Nov 24, English service noted with a woman reading the news followed by various feature segments. Including "Inside Romania". Good signal.
- 9390.0 THAILAND Radio Thailand, 2032-2045* Nov 23, man and woman announcer team in English with global news program and several announcements. Nice ID at 2043 followed by familiar bells. Poor to fair.
- 9500.0 UZBEKISTAN CVC The Voice Asia - Tashkent, 1144-1206 Nov 24, Hindi language program of talks with many of them interviews over phone lines. Music bridge and ID at 1200. Fair to good signal with some QRM from CNR1 Shijiazhuang in background.
- 9526.9 INDONESIA Voice of Indonesia - Cimanggis, 2047-2102* Nov 24, French program continuous male vocal selections. Brief woman announcer talk prior to final vocal selection. ID and closing announcements until carrier terminated. Poor.
- 9635.8 VIETNAM Voice of Vietnam 1 – Son Tay, 1146-1205 Nov 24, Vietnamese talks and some instrumental music. Fair
- 9690.0 NORTHERN MARIANAS ISLANDS Radio Free Asia – Tinian, 2106-2129 Nov 23, Korean language program consisting of mainly talks by male and female announcers. Poor to fair but slipping into the mud by time out.
- 9745.0 TAIWAN Kuanghua Chih Sheng (Voice of Kuanghua) - Kuanying, 2017-2027* Nov 24, man and woman announcers speaking in Mandarin with some light instrumental music. At 2023 woman closed down program followed by light instrumental music until carrier was terminated. Fair.
- 9800.0 PHILIPPINES Voice of America - Tinang, 1353-1417 Nov 24, Korean language program with ID at 1359 followed by "VOA World News" announcement in English before Korean language news and "VOA News Today" announcement at 1405 before features. Poor to fair.
- 9940.0 SWAZILAND Trans World Radio – Mpangela Ranch, 1933-1955* Nov 24, caught close of Lingala service, music box IS followed by French language program. Spiritual talk near closedown followed by ID, closedown announcements and music box IS before carrier was terminated. Fair to good.

- 11650.0 PHILIPPINES Radio Teos (FEBC Radio) - Bocaue, 1548-1601* Nov 24, Russian language program with vocals and talks in Russian by a male announcer. At 1600 man announcer with Russian closedown followed by FEBC IS. Fair
- 11710.0 KOREA (North) Voice of Korea - Pyongyang, 1303-1356* Nov 24, tuned in during openings series of songs to the great leaders followed by English news at 1309. Later noticed classical piano music until closedown ID and anncts. Carrier terminated after closedown announcements. Fair to good with some fading //9435 was only poor to fair.
- 11725.0 NEW ZEALAND Radio New Zealand International, 0655-0704 Nov 24, program about cyber computer attacks followed by nice ID at 0659 ("Radio New Zealand, the voice of the Pacific"), 5+ 1 time pips and news. Fair to good.
- 11735.0 ZANZIBAR ZBC Radio, 1956-2016 Nov 23, woman announcer with Swahili talks, ID at 2000, ID and time pips followed by news. Music programming commenced at 2010. Fair signal.
- 12115.0 AUSTRALIA Reach Beyond Australia, 1520-1530* Nov 24, tuned in to a program about reconciling relationships hosted by a woman with a man provided address and contact information to buy her book. Program ended at 1524 followed by music fanfare, station ID and announcements. After short music segment another male announcer gave closing ID, inviting listeners to tune in again tomorrow. Poor to fair signal.
- 13745.0 THAILAND Radio Thailand, *0000-0029* Nov 24, Opening ID followed by brief instrumental music and a man and woman announcers hosting the "live" English program with World News, Business News and Sports Update sponsored by Bangkok Airways. Numerous IDs simply as "Radio Thailand News". Brief carrier break at 0029 but signal returned at much weaker level with news continuing. Fair.
- 15105.0 BANGLADESH Bangladesh Betar, *1228-1300* Nov 24, familiar IS followed by 5+ 1 time pips, woman announcer with TC followed by ID and frequency announcements opening English service. News and commentary followed closing with nice musical selections. Fair signal.
- 15140.0 OMAN Radio Sultanate of Oman, 1443-1511 Nov 24, English service with woman talking about celebrating National Day with strong patriotic theme (watch over interest of our country and remain true Arab Muslims") followed by local music until "This is Sultanate of Oman Radio, 90.4" by a man announcer followed by popular music. A man hosted pop music announcing "... you are tuned to Your Nations Station". Music cut off at 1500 as Arabic program was joined in progress. Very good signal.
- 15180.0 CLANDESTINE (Ethiopia) Radio Hilaac – Issoudun, 1719-1729* Nov 24, two men with a vigorous discussion in the Somali language. Carrier terminated without any closedown announcements. Fair.
- 17850.0 CLANDESTINE (Ethiopia) Oromo Voice Radio - Issoudun, 1606-1630* Nov 24, Horn of Africa female vocals followed by Oromo language talks by several different men from remote locations introduced by announcer in studio. Later a woman began a long talk which continued until the transmission carrier was terminated. Fair.
- 17870.0 CLANDESTINE (Ethiopia) Radio Xoriyo Ogaden – Issoudun, 1601-1609 Nov 24, man announcer with Somali anncts. followed by Horn of Africa music. Man with news and mention of "Ogaden" during apparent ID. Fair.

Thanks a lot to our club members for your contributions:

- HD : Harald Denzel, Egelsbach, Germany. Kenwood R-1000, Perseus, Tescun PL880 with paOrdt Mini-whip, Grahn GS5SE ML3 & Martens.
- MF : Michael Frese, Osnabrueck, Germany. Grundig Yachtboy with telescopic aerial.
- RAD : Richard A. D'Angelo, Wyomissing, PA, USA. Ten-Tec RX-340, Drake R-8B, Eton E1, Lowe HF-150 with Alpha Delta DX Sloper, Datong FL3.
- RL : Richard Lemke, St. Albert, Alberta, Canada. JRC NRD-535 HF with random long wires in the trees.

Dear Friends,

Welcome to the December edition of Logbook which marks the beginning of my fifteenth year as a Logbook Editor. My first Logbook was on December 2000 on taking over from OM Eberhard Ahl.

I like to invite any suggestion from our members for this section.

I would request our members to send the logs electronically as it is much more easier for me to compile.

Wishing everyone Merry Christmas and a Happy New Year 2015,

Till next time,

Ashok Kumar Bose

	<h2>QSL CORNER</h2> <p>Editor: Dario Gabrielli, Viale della Resistenza 33b, IT-30031 Dolo (Ve), ITALY eMail: qsl@wwdxc.de</p>	
---	---	---

Australia: Reach Beyond Australia 17760 kHz. Japanese program. Full data QSL card "50th anniversary of the consecration of a church" received in 12 days for report with two 82 yen stamps to HCJB Japan: HCJB Japan c/o Yodobashi Church, 1-17-8, Hyakunincho, Shinjuku-ku, Tokyo, 169-0073 Japan (HT)

China: China Radio International 9535 kHz. Japanese program. Partial data QSL card "Samuye temple" received in 45 days for report to Japanese Section: <nihao2180@cri.com.cn> (HT)

China Radio International 7325 kHz. Japanese program. Partial data QSL card "Yumbu Lagang" received in 17 days for report to Japanese Section: <nihao2180@cri.com.cn> (HT)

Czech Republic: Radio Praha 738 kHz. Russian program. Full date QSL - card "Jesenik - Bila Opava waterfalls" received 29 days for report to <rusky@radio.cz> (AG)

Guam: KTWR 9325 kHz. Korean program. Full data e-QSL "Mast antennas to the Received in 15 days for report to : <ktwrfd@twr.org> (AG)

Iran: Islamic Republic of Iran Broadcasting 11830 kHz. Japanese program. Full data QSL card "Khaju Bridge" received in 108 days for 5 days report to Japanese section: <jar@irib.ir> (HT)

Japan: Radio Nikkei 9595 kHz. Japanese program. Full data QSL card "60th anniversary" received in 3 days for report with 82 yen stamp to: Nikkei Radio Broadcasting Corporation, Toranomon 1-2-8, Minato-ku, Tokyo, 105-8565 Japan. (HT)

NHK World 6165 kHz via Sitkunai. Russian program. Full data QSL - card "The Famous Bumper Crop Train" (Fukushima Prefecture) received in 52 days for reception report via the website <<https://www.nhk.or.jp/nhkworld/russian/contact>> (AG)

Korea (Rep): FEBC Korea - HLAZ 1566 kHz. Japanese program. Full data QSL card "HLKX 1188 kHz" received in 99 days for report with 1 IRC to: FEBC Korea, MPO Box 88, Seoul 121-707, Republic of Korea.(HT)

KBS World Radio 6155 kHz. Japanese program. Full data QSL card "Cheoyongmu" received in 63 days for report to Japanese section at: <https://world.kbs.co.kr/japanese/about/about_report.htm> (HT)

KBS World Radio 9645 kHz. Russian program. Full data QSL-card "Dance Chkhoenu " received in 20 days for report to the Russian section of the <russian@kbs.co.kr> (AG)

Korea (DPR): Voice of Korea 11865 kHz. Japanese program. Full data QSL card "Songdowon International Children's Union Camp" received in 34 days for report to Japanese Department: Voice of Korea, Japanese Department, Pyongyang, Democratic People's Republic of Korea (HT)

Northern Mariana Islands: Radio Free Asia via Tinian 5855 kHz. Korean program. Full data QSL card "18 Years of Broadcasting" received in 11 days for report to: <qsl@rfa.org> (HT)

Philippines: Voice of America via Tinang 9490 kHz. Korean program. Full data QSL card "Powerful transmitters and curtain antenna towering hundreds of feet high beam VOA shortwave radio programs to VOA listeners around the world from U.S. Government international broadcasting stations." received in 12 days for report to IBB Philippines Transmitting Station: <manager_philippines@phi.ibb.gov> (HT)



Pirate: Radio Twentana 6295 kHz. Music Program. Full data e-QSL "Patern".Received 1 day For report to <Radiotwentana@gmail.com> (AG)

FRS Holland 7700 kHz. Music program/ Full data e-QSL "Retro-QSL" received 75 days for report to <frs@frsholland.nl> (AG)



Radio Komintern 7200 kHz. E-QLS photo of transmitter received in 1 day for report to <050353@mail.ru> (AG)

Geronimo Shortwave 9335 kHz. German music program West of the UK. E-QLS stylized image of a guitarist. Received in 3 days for reception report to <geronimoshortwave@hotmail.com> (AG)

Radio Calypso 1620 kHz. Music program. Full data e-QLS "Dutch Galleon sailing ship of the 17th century" received in 60 days for reception report to <calypso104@hotmail.com> (AG)

Romania: Radio Romania International 9810 kHz. Russian program. A special QSL card for the reception in the first week of the winter season. "The Princely Court of Suceava" received in 33 days for reception report to the Russian service <rusa@rri.ro> (AG)

Swaziland: TWR Swaziland 6130 kHz. Religious program on Umbunbu for Angola. Full data e-QLS "Celebrating 40 years of ministry in Africa". Received 1 day for the report to <Istavrop@twr.org> (AG)

Taiwan: Radio Taiwan International (Test) 11665 kHz. German program. Full data QSL – card "Sendeanlage Tamasui, Taiwan". Received in 35 days for reception report to <deutsch@RTi.org.tw> (AG)

Radio Taiwan International 9540 kHz. Russian Program. Full date QSL - card "Sunset in Jiufen" received in 27 days for reception report to <Russ@rti.org.tw> (AG)

Turkey: Voice of Turkey 11965 kHz. Russian program. QSL - card " Wishing you a blessed Eid Al - Adha..." Received in 40 days for reception report to <russian@trt.net.tr> (AG)

Vatican: Radio Vaticana 9695 kHz. Russian program. full data QSL - card " Sua Santità Francesco in partenza per il suo primo viaggio apostolico a Rio de Janeiro" received in 27 days for reception report to the Russian service : <rus@vatradio.va> (AG)

Vietnam: Voice of Vietnam 9840 kHz. Japanese program. Full data QSL card "Mong Hoa people" received in 15 days for report to Japanese Section: <japanese@vov.org.vn> (HT)

The reporters of this edition of QSL CORNER have been:

AG = Alexander Golovikhin, Togliatti, Russia

HT = Hironori Takeuchi, Chiba, Japan

Dear Friends,

Many thanks for your continued contribution to the section that I hope can continue in future. I remember you to include details about the program of the radio stations that you receive confirmation from (e.g. English program, Technical Department etc.). So I ask you if you can continue to include details when known. Naturally it's useful also to know the postal address or eMail where you sent the reception report to. Please remember that the contribution deadline for the next DX MAGAZINE will be on January 10th, 2015.

I take the opportunity to wish a Merry Christmas and happy New Year with your family,



Dario

M E R R Y C H R I S T M A S A N D A H A P P Y N E W Y E A R

High solar activity 2015 → excellent HF conditions! Worldwide Broadcast and Utility Radio Stations

Up-to-date frequency, schedule and digital data code information for users of powerful new Software-Defined Radios (SDRs) combined with sophisticated digital data decoders such as PLATH and WAVECOM!

The screenshot shows the WAVECOM W61PC software interface. The main window displays ACARS data for MUHURROQ AIR BAHRAIN at 21982 kHz. The message content is as follows:

```
ACARS Mode: 2 Aircraft Registration: HL7621
NACK Label: 36
Block ID: X
BEGIN OF MESSAGE:
DEAR CAPT
TO IMPROVE ON-TIME OPS
PLZ CONSIDER SHORT-CUT
OR OPTIMUM FLT LEVEL IF AVBL
HOPE YOUR COOP X TKS
-SELOCC
FROM 0013672
END OF MESSAGE
```

Below the main message, there are two smaller windows showing message details:

```
MUHURROQ AIR BAHRAIN...
BEGIN OF MESSAGE:
QUMOWASSU-1DIS00230621
LOADSHEET ED 2
AEROFLOT RUSSIAN AIRLINES
LOADSHEET FINAL EDNO 2
SU1272/23 23OCT14 1018
SVO/KRR VQBRW J8Y150 2/4
ALL WEIGHTS IN KG
PAYLOAD 14966
DOW 44413
ZFW 59379 MZFW 62500
TOF
END OF MESSAGE
```

```
MUHURROQ AIR BAHRAIN 21982
BEGIN OF MESSAGE:
8730
TOW 68109 MTOW 75500
TIF 4600
LDW 63509 MLDW 66000 L
UNDL 2491 LMC TOTAL )
DOI 55.04
MACZFW 35.63
MACTOW 33.19
MACLAW 35.15
NOSE DOWN 1.02
PAX TTL 151/ 11980
BY CLASS
END OF MESSAGE
```

At the bottom, a table lists message statistics:

Time	Message Content
23 Oct 2014, 06:26:46	BEGIN OF MESSAGE:
23 Oct 2014, 06:26:46	JY/4/147
23 Oct 2014, 06:26:46	BY GENDER 110/39/2/0
23 Oct 2014, 06:26:46	BY SECTION
23 Oct 2014, 06:26:46	SOC 0/0

The interface also shows a Sonogram window and various status indicators at the bottom, such as Demodulator: IQ, Shift: 2000 Hz, Center: 1440 Hz, Offset: 0 Hz, and Input: AFIF#1.

2015 Shortwave Frequency Guide - EUR 40

370 pages. 13,900 entries with all broadcast and professional utility stations worldwide. Latest schedules for 2015. Clearly arranged and really user-friendly. 19th edition!

2015 Super Frequency List CD - EUR 30

5,200 shortwave broadcast frequencies. 8,800 frequencies of utility radio stations, plus 23,400 formerly active frequencies. 330 fascinating digital data decoder screenshots. 21st edition!

2015/2016 Guide to Utility Radio Stations - EUR 50 *incl. Supplement Jan 2016*

550 + 10 pages. 8,800 frequencies and hundreds of data/SDR screenshots. Frequencies, stations, call signs, codes, abbreviations, meteo/NAVTEX/press schedules, and much more. 28th edition!

Radio Data Code Manual - EUR 40

600 pages. Digital data transmission on HF. Military modem standards. Meteo and aero codes. Unicode. Hundreds of screenshots. Used by radio monitoring services worldwide. 18th edition!

Modulation Types on 4 CDs - EUR 110

Total 194 recordings from VLF to SHF. Ideal for tuning practice and professional radio monitoring.

Payment by Mastercard, Visa, bank, cash (EUR only). No cheques! Worldwide postage is 7 EUR/kg. See our website and free 2015 catalogue for package prices, detailed descriptions, recommendations from all over the world, and hundreds of the very latest radio monitoring screenshots. We've been leading in this field for 46 years!