

ISSN 0958-2142

COMMUNICATION

MONTHLY JOURNAL OF THE BRITISH DX CLUB
SEPTEMBER 2018 EDITION 526

EDITOR
TREASURER
SECRETARY
PRINTING
SOCIAL MEDIA

CHRISSY BRAND
DAVE KENNY
ANDREW TETT
ALAN PENNINGTON
STEPHEN HOWIE

editor@bdxc.org.uk
bdxc@bdxc.org.uk
secretary@bdxc.org.uk
tropical@bdxc.org.uk
hfl@bdxc.org.uk

BDXC WEB SITE:
BDXC FACEBOOK PAGE

www.bdxc.org.uk
<https://www.facebook.com/BDXCUK/>



Contents

2-3	News from HQ	18-19	Radio Veritas	32-33	Beyond the Horizon
4-6	Open to Discussion	20-21	KDKA far north	33	Propagation
6-7	Oldrich Cip	22-23	QSL Report	34-36	MW Logbook
8-11	Listening Post	24-25	UK News	37-38	Tropical Logbook
12-13	Antenna testing	26	Webwatch	39-46	HF Logbook
14-15	My ideal world band radio	27-28	Mediumwave Report	47-50	Alternative Airwaves
16-17	S European Report	28-31	DX News	51	Contributors

News From H.Q.

Welcome to the September issue.

This month's highlights include club member Peter Jones' visit to the now abandoned BBC World Service relay station in the Seychelles, Alan Roe listening to a great range of programmes including Radio Japan's haiku. David Harris looks at features on world band radios and Alexander Beryozkin puts three SW/MW aerials to the test. Put those together with all the latest DX and other radio news, your views plus members' regular QSL reports, AM and FM logs and you can see why Communication and the BDXC continue to thrive after 44 years!



The BDXC Audio Circle is on hold at present as there aren't enough contributions to make a programme. If you want that to change, please send Chrissy your mp3 contributions.

Good listening from the BDXC Board,

Alan, Andrew, Chris, Chrissy, Dave & Stephen

British DX Club Membership Rates

	<u>One year:</u>	<u>Two years:</u>
UK	£18	£35
Europe / Worldwide (Airmail)	£30 / €40** / \$45**	£59 / €80** / \$90**
PDF version only (via email)	£10 / €14** / \$15**	£20 / €28** / \$30**

Please make Cheques/Postal Orders payable to **British DX Club**. All applications and renewals to club treasurer (see front page for address). Paypal payments to bdxc@bdxc.org.uk

New Members

We are pleased to welcome the following new and rejoining members:

BDXC 2125 Tony Volante, Newton Abbot, Devon

BDXC 2554 Chris Morgan, Royal Wootton Bassett, Wiltshire

BDXC 2555 Richard Clements, Witham, Essex

Publications

Broadcasts in English Covering the A18 summer schedules. Extra printed copies while stocks last: UK £3, Europe £4, €5 or 5 IRCs. Rest of World £5, \$US6 or 6 IRCs.

Radio Stations in the United Kingdom (26th edition 2017/2018) – Now sold out.

Reception Report Forms - English language forms, featuring the BDXC logo, suitable for sending reports to most broadcasters. Price per 25: UK £5; Overseas: £7, €7, US\$8 or 7 IRCs. Please send all orders (UK cheques/ Postal Orders payable to "British DX Club") to:

British DX Club, 19 Park Road, Shoreham-by-Sea, BN43 6PF (\$ or € - cash or Paypal only). All prices above include postage. Paypal payments to bdxc@bdxc.org.uk
Payments also welcome by bank transfer at no extra cost - please email for details

DX Diary

Friday 31 August to Monday 3 September: EDXC 2018 Conference, Bratislava, Slovakia and Vienna, Austria. Organised by the Austrian DX Board ODXB-OE. Details can be found in the June and July issues of Communication and online at <https://edxcnews.wordpress.com>

Saturday 6 October: Reading DX meeting - Reading International Radio Group 1430-1700 BST in Room 3 at Reading International Solidarity Centre (RISC), 35-39 London Street, Reading RG1 4PS. Further details Mike Barraclough 01462 643899 barracloough.mike@gmail.com Future meetings: 1 December 2018, 2 March, 25 May, 27 July 2019.

For other events see the club website www.bdx.org.uk, <http://rsgb.org/main/news/rallies> and <https://edxcnews.wordpress.com/2018/02/18/radio-and-shortwave-meetings-2018>

Member's Advertisement

For Sale. Small collection of vintage radio books etc. For details, please send an email to Graeme Wilson, graemewilson100@yahoo.co.uk

Front cover: Twickenham Summer meeting 2018 - group photo by the Thames

A total of fourteen attended this year's meeting on 18th August, travelling from as far as Wiltshire, Dorset, Bedfordshire, Hertfordshire, Buckinghamshire, Berkshire, Surrey and Greater London. Chat outside the Barmy Arms ranged from recent DAB FM catches through to shortwave. We heard about the London BBC Radio Group's (G8BBC) radio shack housed on the roof of Broadcasting House in London (in "Arthur Askey's flat"), which Mike Barraclough and Chris Greenway had visited. The shack was set up in 2017 by BDXC member Jonathan Kempster and uses Yaesu and Kenwood transceivers with a Windom SW dipole. Despite its central London location Chris found that SW reception was not bad, although on the day poor propagation was noted with the German 6MHz signals being weak and noisy. Chris also told us that the move of BBC Monitoring from Caversham Park to Broadcasting House has gone well and the commute from Reading to London was proving to be not as bad as anticipated.



Gareth had brought along a small FM radio / MP3 player YS168 [pictured, left] which he had acquired in Hong Kong recently. It came with two sim cards one containing hundreds of Chinese songs and the other a wide variety of English-language pop music (varying from Cliff Richard, 10CC to more modern pop). Gareth also demonstrated an FM to AM converter he had constructed to enable FM stations to be heard on vintage MW radios.

Alan Pennington's pocket Philips DAB /DAB+/FM radio was able to pick up the Central London test multiplex which has recently added a third transmitter at Notting Hill, although the signal by the river in Twickenham was very patchy. Mike Terry was disappointed that his Majority branded DAB pocket radio could not receive Radio Caroline on the test multiplex as it lacks DAB+ mode.

Mike had spotted on the way to the meeting that our favoured restaurant in recent years, the Delhi Durbar, appeared to have ceased trading, but we were fortunately able to make a reservation at the nearby Twickenham Tandoori for our traditional curry.

All in all an enjoyable meeting helped by a fine sunny afternoon and a quieter-than usual Barmy Arms. (DK)



Open To Discussion

With David Morris - mailbox@bdxc.org.uk



We have a packed postbag this month, so thank you in advance to everybody who has sent in a contribution. First, staying in Dorset your OTD editor wrote to the BDXC-News reflector recently:

“Having received Communication yesterday and seen the reference to the Bournemouth RSL (on 87.7 - frequency apparently unknown at time of editing) nothing was heard from home - even though Bournemouth is line of sight from here, and the Bournemouth International Centre as the crow flies is less than ten kilometres away!

I had to investigate when I was in Bournemouth earlier today! A scratchy signal appeared at Cemetery Junction and became stronger as I approached the BIC, and started to become inaudible on leaving town on the Wessex Way at about the Cambridge Road roundabout. The broadcast seemed to consist of the talk being given in the conference hall, and was about courage, horses and snakes. IBSA is the International Bible Students Association, and seemed to have a bias towards the Jehovah's Witnesses. When there have been other Bournemouth Jehovah's Witness RSLs they have not been heard here at home. Are these RSLs deliberately very, very low power? Has anybody heard the other IBSA Convention RSLs?”

I am grateful for the assistance given by **DAVID THORPE** who replied: “I think a lot of these are intended for portable radios with ear pieces at the event. Other groups do a similar thing.”

MIKE TERRY has passed on this news item: “Figures published by the BBC show more people are listen directly to World Service English via the internet than by any other method. The Global Audience Measure (GAM) figures indicate how many adults the BBC reached weekly with its news and entertainment content in the year 2017/18. The BBC World Service, which has just undertaken its biggest expansion since the 1940s, has seen its audience increase by 10m, to 279m. The total global news audience has risen by a million, to 347m. The shortwave radio audience has virtually disappeared in Pakistan, and is down substantially in Nigeria.”

STEFANO VALIANTI responded and says “This looks as an instance of reversal of cause / effect. Of course I, for one, listen to the BBCWS more on the internet than by other methods, being the internet the only way left to listen! (I sometimes listen to the sw frequencies listed by the BDXC Broadcasts in English for areas other than Europe, but this is only a DXer's enjoyable exercise, not a real listening opportunity).”

From the short wave listening figures to ‘ordinary’ domestic radio reception and **MIKE BARRACLOUGH** adds: “The Future of Radio article in last month's Communication said that in May 2018 RAJAR (Radio Joint Audience Research) reported that “for the first time 50% of people access radio via a digital platform”. That is incorrect. RAJAR reported that 50% of total radio listening hours were to digital platforms. Nor is it true as later stated that “49.1% (of listeners) prefer AM/FM” when it's stated that the figures quoted refer to share, that is of listening hours by platform not individual listeners. 50% of people accessing radio via a digital platform weekly was first achieved in June 2013. The first quarter weekly reach figures released in May showed that 62.8% of the population accessed radio via a digital platform each week, that's 70% of all radio listeners and 50% of the population listened to DAB radio each week, 56% of radio listeners. More detailed figures can be found at <https://bit.ly/2w7K9Gs>


The lack of DAB receivers in cars, which always accounts for around 20-25% of listening hours, has meant the 50% share of digital listening hours has taken a longer time to achieve than 50% weekly reach. As of the end of December 2017 87% of new cars now have DAB as standard. Many adults still listen to AM/FM in their car and digital platform at home.”

Moving to Somerset we find **ALBERT FORD** (he also contributes to Radio User magazine) and he starts by saying 'thank you' to everyone at BDXC for another "packed and interesting issue". Our pleasure!

"Thank you to Alan Pennington for the most interesting article / report after the Reading Meeting especially with regard to Al Weiner's 'Radio New York Int'. I remember this station and did listen-in too. Managed just two Reception Reports and a covering letter though (February / March 1992) but may have more loggings in my (appropriate) Log Book?. Have attached copies – see below the QSL etc that Al was kind enough to write to me, should anyone be interested:



7/4/92

<p>SATURDAYS: 13.630 Mhz SHORT WAVE 5:30-7:30 PM & 12 MID-2 AM EASTERN via R.F.P.I. Costa Rica</p>	<p>RADIO NEW YORK</p>  <p>INTERNATIONAL</p>	<p>SUNDAYS: 5920 KC 7435 KC SHORT WAVE 100,000 WATTS 9 PM-1 AM EASTERN via WWCR Nashville</p>
<p><u>EARTH SENSITIVE ALTERNATIVE RADIO FOR US AND THE WORLD</u></p>		
<p>R.N.I. is the former offshore station of the RADIO SHIP SARAH. We offer a wide range of pacifist, counter culture, live telephone talk and music programs. FOR FREE SCHEDULE AND ADVERTISING INFORMATION, to send LETTERS AND MUSIC FOR BROADCAST, or to order R.N.I. THE VIDEO, an 87 minute VHS history and tour of the radio ship \$29.95; R.N.I. AUDIO TAPE, the first hour of ship-board radio \$15.00; R.N.I. MONTAGE, a 10-minute audio history \$9.95; or R.N.I. T-SHIRTS, 100% cotton black with white logo (above) \$17.00 each. . .</p>		
<p>WRITE TO: RNI, 14 PROSPECT DRIVE, YONKERS, NY 10705</p>		<p>825⁰⁰ Overseas ON-AIR TELEPHONE LINE: 800-326-2959</p>

The alert [on BDXC-News at groups.io] to the episode of Hidden Britain by Drone screened on 12 August on Channel 4 was appreciated. My wife did mention it to me a few days beforehand when she spotted it advertised. However, I did not take too much notice then confusing it and thinking it was the previous episode (Sealand!). So Alan's alert was gratefully received.

With regard to Abbey 104 in Sherborne, I had been wondering what connection Johnnie Walker may have had for his picture to be on their website. Perhaps it's because his wife, Tiggy Walker, is a DJ at the station as I have just learnt?

Next door to Sherborne is Albert's home town of Yeovil and it seems that community station Radio Ninesprings will have a 'special live launch between 1000 and 1300 on Sunday, 30th September and Steve Carpenter's Breakfast Show on Monday, 1st October from 0700 to 1000.

I heard a station on 6070 kHz around 0855 UTC Sunday 12th August playing : Les Reed 'Man Of Action' / announcements in German? / Waldo De Los Rios 'Mozart 40' / more announcements in German? / 'Have You Ever Seen The Light' However, I was not able to get a positive ID. Sounded like Radio DARC or DIRC or even SW Radio 6070. Have been doing a little internet research and been led to: www.alximedia.de/radio/ where there appears to be a collection of broadcast recordings of DARC RADIO and www.darc.de/nachrichten/radio-darc/ which appears to be a German amateur radio website (all in German!).” OTD Editor: DARC is a German amateur radio club and from the music it seems like a tribute to Radio Noordzee International.

Oldrich Cip (Peter Skala)

Oldrich Cip, founder and Vice Chairman of the High Frequency Coordination Conference, known as the HFCC, passed away on 27 July following a sudden illness.



Oldrich was involved in radio since he was a child - first as an amateur radio hobbyist and later as a staff member of Czechoslovak and then Czech Radio in the international broadcasting departments. A college graduate in the field of Humanities, he spent most of his working life as a frequency manager and schedule planner. For a number of years he hosted a DX program on Radio Prague under the pen name Peter Skala.

After the end of the Cold War, he believed that broadcasters from both sides of the conflict should come together and develop a new system of planning and coordination for shortwave broadcasting. This led to the establishment of the HFCC in 1991. Oldrich was Chairman of the HFCC until 2015. Since then, he was a Vice Chairman of the group.

Oldrich lived in Prague, although he frequently spent time in his country house, where he enjoyed woodworking, guitar and country music, vintage graphics, photography and time with his family. His son Vladislav said he spent his last day there: “He enjoyed a quiet evening in the country house, with our families, all four grandchildren around, no symptoms of anything bad coming. All of a sudden, he suffered probably a heart attack or stroke. An ambulance arrived immediately but he died a few hours later.”

Oldrich was married with two adult sons, Oldrich Jr. and Vladislav. Vladislav is the HFCC Secretary who manages the day-to-day operations of the organisation.

From 1953 until 1997 Oldrich was an employee of Czechoslovak and later Czech Radio in Prague. He worked as a technical consultant for Czech Radio from 1998 to 2010. He specialised in planning schedules and frequencies, international coordination and distribution of shortwave radio programs for foreign countries.



(Right an early photo of Oldrich in the studio of Radio Prague)

Beginning in 1959 and for more than 25 years, Oldrich produced a weekly English-language program “Radio Prague Calling All Radio Hobbyists,” using the nom de plume Peter Skala. In the program, he answered questions from shortwave listeners in many countries and covered a variety of scientific and other topics from the radio industry.

During the Soviet occupation of Czechoslovakia in 1968, Oldrich used his technical expertise to aid the “free Czechoslovak Radio”, putting himself in danger in an effort to provide factual news and information about the events taking place. Thanks to the large number of smaller facilities of Czechoslovak Radio scattered all over Prague and complicated infrastructure that connected them, they were able to continue broadcasting for quite some time.

In the period of reforms around the year 1968, he established secret contacts with his colleagues from Western radio stations. He re-established the contacts after the fall of communism and started an initiative to eliminate interference on shortwave. He became the Chairman of the HFCC, which has continued to meet twice each year in different parts of the world for shortwave stations to coordinate their frequency schedules for the coming broadcast season, thus eliminating interference before each season begins. The principles of international coordination were incorporated into the ITU’s International Radio Regulations during the 1997 World Radio Conference.

Oldrich was also an adviser to the Government of the Czechoslovak Republic in the preparation of the first Radio and Television Broadcasting Act after 1990, as well as a member of several EBU and ITU radiocommunication working groups. At the HFCC, he spearheaded the International Radio for Disaster Relief project whereby shortwave stations have allocated specific frequencies in each band for the transmission of emergency information in the event of natural disasters around the world.

Jeff White, Oldrich’s successor as HFCC Chairman, said: “The shortwave broadcasting and listening communities have lost one of our most important proponents. The contributions of Oldrich over the years are simply unequalled. He was a humble man, but people in this industry realized the importance of his work. And he has left us a lasting legacy - an organization which has largely eliminated interference on the shortwave bands, and it has enabled stations to use less power to reach their target areas with a good signal. For that, he will always be remembered.”

(Jeff White, HFCC)

Listening Post

with Alan Roe listeningpost@bdxc.org.uk

Hello and welcome to the September edition of Listening Post. A reminder that this column is my look at programmes that I have enjoyed on shortwave, and occasionally via podcast or internet stream. However, I do also welcome your contributions. What programmes have you heard and enjoyed recently? Which are your favourite programmes and/or stations? And why? What is it about a particular station or programme that you enjoy and keeps you going back? A few lines, a few paragraphs, or even a page or two – anything is fine. I look forward to hearing from you.

All India Radio

AIR has a long running series called *Wisdom of India*, and for a few months now the programme has been devoted to a series called *Yoga on Radio*. I've been meaning to catch this for some time, but I always seemed to miss it, until 20 August at 1920 UT on 9445 khz.

Today's episode featured the Ardha Chakrasana Asana (or half-wheel pose) which:

"increases the suppleness and strength of the muscles in and around the lower back; thus it helps in back pain, slipped disc and sciatica pain. It also gives strength and suppleness to the neck, back and waist".



The programme then gives some cautions about when to stop performing the asana before going on to describe in clear detail how to perform it, all to the background of soothing music and bird calls.

A fascinating programme, in its own way – although whilst listening I did wonder how many people will actually follow along and attempt the poses described. A quick internet search revealed a UN report suggesting that 2 billion people practice yoga (with other estimates ranging upwards of 20 million people). Either way, that's a lot of people, so maybe more listeners follow along than I might otherwise have thought. Will I listen again? Probably not – but if you practice yoga, then this programme may be for you.

Yoga on Radio is aired most weeks on Mondays at 1445, 1920 and 2210, and Tuesdays at 0005UTC (All times are subject to change, and it has been scheduled over recent weeks, for example, at 1925, 2110, 2220 and 0035), so it is worth checking the daily programme schedule each Monday at <http://airworldservice.org/cuesheet/cuesheet.pdf> for current times.

Radio Japan

Haiku is as Japanese as sushi and karaoke, and **Radio Japan** has a monthly feature called *Japan Through Haiku*, which is always a pleasure to listen to. A haiku is a poem which follows a strictly defined form. Roughly speaking, the poem should contain 17 syllables (known as *on*) in three phrases of 5, 7 and 5 syllables and contain a specified seasonal or topical reference (known as *kigo*).



The August edition of Japan Through Haiku (heard 2 August at 0500UTC on 5975kHz via Austria) presented examples of haiku with a *kigo* of "Atomic Bombing Anniversary" commemorating the detonation of two nuclear weapons over Hiroshima on 6 August and Nagasaki on 9 August 1945

Here are the English translations of three of the haiku poems in today's programme:

Atomic Bombing Anniversary
I wonder how many bones vanished
Without even leaving shadows

~ ~ ~ ~ ~

Atomic Bombing Anniversary
Tens of thousands of citizens attend the ceremony
Their Shadows are short

~ ~ ~ ~ ~

Breaking silence
Sharing experiences
Atomic Bombing Anniversary

The programme also included explanations and background information to the haikus, although I think largely un-needed in these examples above. A rather more sombre, but fitting, programme than is normal, but it made for compelling listening. The programme ended with a song called August Song (written by the son of an atomic bomb survivor). By the way, the December edition of the programme will feature haikus sent in by listeners (up to three per listener, with a deadline of 20 October). Listeners can, if they wish, make up their own *kigo*, and should send an explanation of the haiku with their submission.

Japan Through Haiku is aired on the first Thursday of the month at 0515, 1115 and 1415UTC.

Voice of Vietnam

One of several programmes that I regularly enjoy on **Voice of Vietnam** is their Monday programme **Colourful Vietnam: Vietnam's 54 Ethnic Groups**. The episode on 13 August (1900UTC on 7280kHz) featured the marriage and wedding ceremony of the Cao Lan ethnic people in Bac Giang province. Here's a short extract from the programme:



“To prepare for a wedding, the male’s family hires a matchmaker, who takes care of everything from making the wedding proposal to organize the wedding ceremony and taking the bride to the groom’s family home. [...]

“The groom’s family then finds a man to lead the procession to the bride’s house. The bride’s relatives use bamboo poles to block the way. The bride’s relatives ask riddles and the groom’s relatives have to answer correctly to get through the bamboo barriers. [...] The procession leader represents the group in answering the questions. If he fails to answer quickly and correctly, the groom’s delegation must wait. [...]

“At the groom’s house, a shaman performs a ritual to chase away evil spirits. He ties red threads on the couple’s wrists to wish them happiness forever.”

An enjoyable talk about the traditions of this ethnic group.

Colourful Vietnam: Vietnam's 54 Ethnic Groups is broadcast in all Monday transmissions.

Voice of Nigeria

The DRM service of Voice of Nigeria is back on air after being missing for some months. The schedule is 1800-1930 UTC on 15120 kHz, although it is rather erratic, either missing completely on some days or starting half-hour, or more, late. Never-the-less it is providing a welcome opportunity to listen to some of their programmes and when on air, the DRM transmission is providing a reliable signal with a good lock and few drop-outs.



On 5 August at 1820UTC (15120kHz) I enjoyed **Weekend Magazine**. This is a relaxed, magazine programme presented by Glory Ohago (Glory, pronounced Glo-o-ory) consisting of informal chat, reports and Nigerian music, and this edition starts off with a Nigerian proverb, which goes along the lines of

“take things slow and steady no matter the challenges you face in life”

– which just about sums up the programme. Next was an enjoyable modern Nigerian pop song (about the singer’s expressing confidence for getting the girl he loves) which leads to a reminder

“to stay focused and positive to your life’s goals and dreams no matter what the lemons are that life throws at you.”

This was followed by a very short drama/sketch about keeping positive, focused, optimistic and relaxed, which led into a feature report about a form of relaxation at a fish spa, where fish remove the dead skin from your feet. It’s:

“a form of relaxation where fishes nibble and tickle your feet. Can I ask ‘May you stand fish nibbling and tickling from fish?’”

Not for me, although I have seen this on one of my holidays somewhere. Next, another Nigerian pop song which led into a short, but interesting, discussion on whether women should be brought up different to men. The conclusion was that all should be brought up the same. Everyone should remember:

“train up a child in the way he should go, and when he is old he will not depart from it [...] everyone should be able up to keep a home irrespective of gender and must have the ability to cook because hunger is gender neutral, even though in Africa cooking is seen as a pride of a woman.”

After a (very nice sounding!) fish recipe, the programme ended with a final Nigerian pop song.

A very entertaining and informative programme – I was sorry that it was only 25 minutes long.

The V of Nigeria programming doesn’t seem to have changed much, if at all, since I last wrote about it in 2015, so here is a quick re-cap of the 1800-1930UTC transmission.

Monday-Friday

1800 Sixty Minutes

Monday

1900 Financial Monitor

1915 World of Arts

Tuesday

1900 Diplomatic Suite

1915 Beyond Poverty

Line

Wednesday

1900 In the News

Thursday

1900 West Africa Today

1915 From the National
Assembly

Friday

1900 Theatre on the Air

Saturday

1800 Africa Hour

1900 Impressions

1915 Politics Today

Sunday

1800 News

1815 Reflections

1820 Weekend

Magazine

1845 The Villa

1900 Sports Round-up

1915 World of Arts

Voice of America

I always enjoy Heather Maxwell's **Music Time in Africa** on the **VOA**. During August, Heather has been in Africa visiting Nigeria and Ghana "co-hosting on popular radio shows, meeting artists and producers and DJs".

MTIA on 19 August featured the highlights of the mid-morning show which she co-presented live with regular presenter Don K. on ATL FM 100.5 from Cape Coast in Ghana. It was good to hear the on-air discussions between the two presenters, along with interviews in the studio with singer/songwriter eShun, and of course the great African music. I was also very pleased that the MTIA highlights show included some of the ATL FM jingles. It really gave a good feel for the original live broadcast.



Music Time in Africa is broadcast Fridays at 2100, and on Saturdays and Sundays at 1500 and 2000UTC.

Programme Previews

BDXC's very own Stephen Howie's excellent **Grooveline** is back on Channel 292 6070kHz on the first Sunday of the month at 1300UTC (i.e. 2 September and 7 October) on 6070kHz.

Meanwhile Jordan Heyburn (BDXC member and owner/admin of the *Shortwave Radio Listeners Appreciation Group* on Facebook) starts a regular spot, **Jordan's Radio Corner**, in the **Italian Broadcasting Corporation's** English programme on the second and fourth weeks of the month, which is scheduled as follows: To Europe on Wednesday 2000-2030 on 6070kHz (via Channel 292) and Saturday at 1030-1100 on 6005kHz (via Shortwave Service); and to the Americas via WRMI Tuesday 0100-0130 on 5850 7780, Friday 0100-0130 on 9955 & 0330-0400 on 5985, Saturday 0130-0200 on 5850 7780, Sunday 0030-0100 on 5950 7730 9395kHz.

There will be a little nostalgia on **Channel 292** (6070kHz) at the end of the month when the station will be airing archive recordings of the **Last 4 hours of the English Service Radio Northsea International** (from 30 August 1974) on 30 August at 1500-1900UT and the **Last 2 hours of the Dutch Service** on 31 August at 1500-1700UT. Unless bumped by Overcomer Ministry, these are scheduled to be repeated on 2 September at 1400-1800UT and 1 September at 1400-1600UT respectively.

I'll end this month with a few highlights that we can expect to hear on Bill Tilford's **From The Isle of Music (FTIOM)** and **Uncle Bill's Melting Pot (UBMP)** during September. Note that the episode order is not yet set and the topics are provisional and may well change.

FTIOM: *Sundays 1500-1600 on 9400kHz via Bulgaria; Tuesdays 0000-0100 on 7490kHz via WBCQ and Tuesdays 1900-2000 & Saturdays 1200-1300 on 6070kHz via Channel 292, Germany.* Some September highlights will include: Roxana Iglesias of the Cuban Fusion group Frasis (re-scheduled from August); Rafael Monteagudo, Jazz percussionist from Cuba with his new recording Rhythm Lab; and Steve Roitstein of Palo!, an Afro Cuban Funk band based in Miami.

UBMP: *Sundays 2200-2230 on 7490kHz via WBCQ and Tuesdays 2000-2030 on 6070kHz via Channel 292, Germany.* Some September highlights will include Accordions Around the World; music from Peru, Ukraine, and Russia and a "This just in" potpourri of things sent from various countries.

Be sure to listen, and remember to let the presenters Stephen, Jordan and Bill know that you heard their programmes. That's all for this month - *Alan*

Antenna test in Saint Petersburg

Alexander Beryozkin

On 25th March 2017, we held a club meeting in the St. Petersburg DX Club headquarters in Bolshiye Porogi, about 30 km south of St. Petersburg where we meet more or less regularly. The headquarters is situated in a private house owned by our Club vice-president Omar Cheishvili.



We tested three receiving antennas we had at our disposal:

1. **Delta Loop** 42 m in perimeter and 7 m high above the ground installed by Omar Cheishvili.

2. **Wellbrook ALA 1530** active loop antenna offered by Alexander Beryozkin.

3. **Aktsiya KV-M** maritime active MW/SW antenna offered by our new member Alexey Penzev. This antenna contains both electric type (rod) and magnetic type (ferrite) parts, so we had a possibility to test either electric or magnetic part of this antenna separately.

We measured signal (S) to noise (N) levels in dBm at the output of each antenna using Zeus ZS-1 SDR transceiver which belongs to our club. Zeus ZS-1 is actually a transceiver designed for ham radio operators, but we tested it in receive mode only. The bandwidth for these measurements was 4200 Hz. We tested antennas on one MW frequency (828 kHz from Olgino/NW of St.Petersburg) and three SW frequencies (6040, 9590 and 15620 kHz) on which we found broadcasts of some international broadcasters.



Above: Aktsiya KV-M antenna and Wellbrook ALA 1530 loop.

The results of the measurements were as follows:

<u>Frequency:</u>	828 kHz (MW)			6040 kHz (49 mb)		
<u>Antenna:</u>	<u>S, dBm</u>	<u>N, dBm</u>	<u>S/N, dBm</u>	<u>S, dBm</u>	<u>N, dBm</u>	<u>S/N, dBm</u>
Delta Loop	-52	-90	38	-45	-83	38
ALA 1530	-51	-93	42	-55	-95	40
Aktsiya KV-M electric	-61	-96	35	-61	-104	43
Aktsiya KV-M magnetic	-63	-103	40	-65	-101	36

<u>Frequency:</u>	9590 kHz (31 mb)			15620 kHz (19mb)		
<u>Antenna:</u>	<u>S, dBm</u>	<u>N, dBm</u>	<u>S/N, dBm</u>	<u>S, dBm</u>	<u>N, dBm</u>	<u>S/N, dBm</u>
Delta Loop	-50	-89	39	-70	-90	20
ALA 1530	-66	-98	32	-70	-97	27
Aktsiya KV-M electric	-65	-95	30	-75	-102	27
Aktsiya KV-M magnetic	-74	-100	26	-90	-98	8



Above: (left to right): Alexey Penzev, Alexander Gromov, Omar Cheishvili and Alexander Beryozkin.

As we can see from the above tables, on MW the best results were gained with ALA 1530, while on 49 m band Aktsiya KV-M electric antenna worked better, on 31 m band – Delta Loop, on 19 m band – ALA 1530 again. So, in future we can use the most suitable antenna for DXing on the particular broadcast band.

We also tested AVV-01 RFT antenna switcher obtained in 2015 from Rhein Main Radio Club at the European DX Council (EDXC) meeting in St. Petersburg. The switcher also showed a good reliability and cross attenuation between its outputs.

My Ideal World Band Radio

By David Harris davidharris@bdxc.org.uk

Sometime ago I was given the opportunity to review the Tecsun range of world band radios. This consists of the compact PL 680 (£150) and PL 880 (£190), together with the larger S 8800 (£280) and the S 2000 (£300). These are all perfectly acceptable radios but when I was using them I found features that I liked in some but not in others. This led me to think; what is it that we actually want in a world band radio? Here is my rundown on the key features that make a good world band radio.

Portability

The purpose of a world band radio is to enable one to listen to the world from where ever you happen to be. This could be on a ship, a hotel room or a campsite. Therefore, a world band radio needs to be small, lightweight and easily transportable. The Tecsun PL 680 and 880 are both about the size of a paperback, weigh around 0.5 kgs and would be easy to take with you on holiday. The larger S 8800 and S 2000 are desktop radios which would be difficult to transport.

Power

I like a radio which can be powered by a mains converter or conventional batteries. The PL 880 and S 8800 both use rechargeable non-standard size lithium batteries. This means you need to take a USB charging device with you if you take your radio on holiday. You might also have a problem in replacing a non-standard battery if you are in a holiday destination.

Aerial

All of these radios have good sized telescopic aerials. A world band radio should have an aerial capable of extending to around one metre.

Sockets

External aerial sockets are essential in order to get the most out of your radio when you are using it at home. I would look for both MW/SW and FM sockets. There should also be a headphone socket, line out and USB.

Features

SSB, RDS for FM, (this is a serious omission from the Tecsun range) clock, alarm and a display screen light. A reasonable number of memories can be useful but I don't think anyone needs more than 200.

Right: Tecsun S-8800

Coverage

FM 87.5 MHz – 108 MHz Some Tecsun models will dial down to 64 MHz but unless you are going to Japan or Bulgaria then this is not that useful. Stereo should be receivable via headphones on a small radio. Large world band radios should have two speakers although the S 8800 and S 2000 only have the one speaker.

LW 100 kHz -520 kHz, MW 520 kHz – 1720 kHz with 1/9/10 kHz tuning steps.



SW 1720 kHz - 30000 kHz. Some cheaper (sub £100) radios have gaps in their coverage. Read the specifications carefully before you buy.

Controls

Bandwidth should be switchable to wide or narrow. Some Tecsun models offer a wide choice of bandwidths. Some sort of RF attenuator is useful. Tuning should be straight forward with a choice of manual tuning, auto search, direct entry via keypad or by accessing memories. The ability to fine tune to 10 Hz makes SSB listening much easier.

Ergonomics

A world band radio should be easy to use. The on/off switch should be prominent and the tuning and volume controls should be comfortable to use. The controls should be logically laid out and the instruction book clearly written. A world band radio should be intuitive to operate. Key controls should be of a reasonable size.

Quality

Build quality is very important in a radio. A radio should have a solid feel to it and the case should feel substantial. The controls should feel solid and be capable of taking years of use. Audio quality should be reasonable especially when listening to local FM stations.

Accessories

In-ear headphones, mains adaptor and perhaps a simple long wire aerial are useful additions for a world band radio. A travelling case for the radio may be a useful addition if you intend to take the radio on holiday.

Unnecessary features

I feel that manufacturers cram products with features which are of little use. Air band is included in some models but I found it very disappointing. Unless you live near an airfield you will not hear much. For around £60 one can buy a handheld air band scanner which will give much better performance. The Tecsun models with air band do not have a search facility so one has to tune manually in the hope of finding a signal. Remote controls for radios seem completely pointless. The S 8800 which is a big radio which could easily have a keypad but instead has a remote control. Tone controls also seem unnecessary, especially in a small radio where they compete for space.

What is missing?

Despite DAB becoming more widely used in many countries, world band radios seem to ignore this format. Personally I feel that the next generation of world band radios need to have DAB. RDS is also a prerequisite for FM listening away from home. New world band radios really should try to incorporate this useful feature.

Try before you buy

Most of us now buy via the internet so we do not get a chance to actually try a radio out before buying it. Some firms such as Nevada do offer a 14 day money back period if you are not happy with a product. It is good to check with a supplier whether you can return a product if you are not satisfied with it.

Right: Tecsun S-2000





Southern European Report

with Stefano Valianti



Around the 6th of August, very good signals (SIO 454 in Bologna) with non-stop dance music were heard over northeastern Italy on 819 kHz, and they came from Power AM in Trieste. The transmitter location, besides the frequency, was the same which had been used for decades by RAI for Radio 1 and local programmes to Friuli Venezia Giulia.

Rather amazingly, I read some comments in Facebook about '90s dance hits not being the most appropriate kind of music for medium waves ... as if this were not just a test transmission, but their regular schedule.

During those same days, also Challenger Radio was heard again, this time on one of their old frequencies, 846 kHz. Speaking of Italian medium waves: a plan has been issued with MW licenses granted to private broadcasters. It's interesting that, at first sight, this allocation plan finally enforces the 1975 Geneva Plan in Italy.

Looking at the Bologna situation, RAI broadcast Radio 2 on 1098/1116 and Radio 3 on 1602, accordingly to the Geneva Plan, but Radio 1 operated on 567 kHz, which was a frequency assigned to Italy, but not to Bologna. Bologna had 711 and 756 kHz assigned, which were never used by RAI.

Now, frequencies assigned to private stations in the Bologna province are exactly 711, 756, 1098 and 1602. Of these, 711 and 1098 are already on the air with Media Radio Castellana which broadcasts from Castel San Pietro Terme.



Taking a quick look at the allocation plan, the following stations have been heard broadcasting or testing on assigned frequencies:

- 594 Challenger Radio (though some recent tests have been heard on not assigned 846 kHz)
- 711 Media Radio Castellana, regular
- 819 Power AM, Trieste, tests, same AM Group see 1584
- 1098 Media Radio Castellana, regular, // 711
- 1584 Free Radio AM Radio Diffusione Europea, Trieste, regular
- 1602 Radio 3 Network, Siena, tests

Radio in the GDR 60 years ago

Once the Cold War broadcasting battleground *par excellence*, since 2015 Germany has been a LW/MW desert, with the Europe 1 transmitter in Saarland being the lonely oasis.

But many famous German stations, those in the former German Democratic Republic, had disappeared long before, after the fall of the Berlin Wall in 1989. And they vanished not only from the long and medium wave bands, but from the ether altogether.

Let's have a look at what they broadcast in 1958, starting with Radio DDR. Radio DDR broadcast on many MW frequencies, 520, 529, 557, 575, 656, 692, 728, 1043 and 1052 kHz. There was also a shortwave frequency, 9730 kHz from Leipzig, and 6 FM relays.

Radio DDR signed on at 0430 (local). It broadcast music (mostly serious) and information, and during the day there were many opt-outs. The first was from 1020 to 1300 (except for 10 minutes news and weather at midday) when studios at Leipzig, Dresden, Weimar, Schwerin, Potsdam and Cottbus had regional information, and light music for the work break.



At 1150 the maritime weather forecasts for coastal waters and the Baltic Sea were broadcast from Schwerin on 728 kHz, Greifswald on 656 kHz and Marlow on FM 91 MHz. At 1700 until 1820, all regional studios had more local programmes, with Leipzig starting earlier, at 1605.

At 1820, Cottbus on 520 kHz (and FM 95.2 from Görlitz) had an additional 10 minute programme in the Upper Sorbian language.

At 0050, before closing down with the national anthem, the maritime weather was again broadcast, on the same frequencies as at 1150, and also on Rheinsberg 95.2 and Helpterberg 97.3 FM.
(to be continued)

Ed: There's a fascinating very short summary of radio drama in East Germany in a blog post at <http://hoerspiele.dra.de/hsp-ddr.php> Written in German but easily translated into English via Google translate or other similar tools. It includes some great photos.

Photo: Wikimedia Commons.

1 July 1970.
Switch room E is the heart, the technical centre of the German Democratic Broadcasting in Nalepastrasse in the capital of the GDR. This is where the programs from the individual recording rooms converge. Sound engineer Bernhard Gohlke then ensures the correct distribution to the various stations within the German Democratic Republic.



Bundesarchiv, Bild 183-J0701-0301-007
Foto: Junge, Peter Heinz | 1. Juli 1970

History of Radio Veritas Asia on SW

From the script of AWR "Wavescan" DX Programme No 488:

According to the best available information, the shortwave station Radio Veritas Asia made its final broadcast on 30 June 2018, and the transmitter now lies silent in an isolated and lonely Philippine countryside.

We go back to the beginning, which was just after the end of the tragic Pacific War in the middle of last century. Back during that era, most of the radio stations that began to appear on the radio dial in the Philippines were a dual operation, on both mediumwave and shortwave. The MW transmitter gave mostly reliable local coverage, and the SW transmitter served a double purpose; to provide fill in coverage for MW shadow spots, and also for national coverage.

Shortwave station KZOK was inaugurated in Manila at the end of July 1947 with just 250 watts on 9690 kHz. The transmitter was built by Technical Radio in San Francisco California, and the antenna system was a dipole antenna, oriented north and south for nationwide coverage. Even at such low power, the shortwave station was heard in Europe in England and, as well as you might expect, downunder in Australia and New Zealand in the South Pacific.

During that initial era, the station was owned by PBC the Philippine Broadcasting Corporation and the programming was produced in their temporary studios on the 5th and 6th floors of the Pilipinas Building at Plaza Moraga in Manila. The two transmitters, mediumwave and shortwave, were both located in Quezon City. Mediumwave and shortwave KZOK was a sister station to the better known KZPI, and their QSL card showed the callsign KZOK in large red letters across the center of the card.

On 1 January 1949, the Philippines implemented a new callsign sequence for radio stations throughout their island archipelago, in line with the then recently promulgated international radio regulations. In addition, these two PBC stations were granted a change in their own callsigns, and thus mediumwave station KZOK became DZAB, and shortwave KZOK became DZH5. Back then, the generic callsign DZH indicated a shortwave broadcasting station in the Manila area, and the number identified a specific shortwave station; in this case DZH5 identified the shortwave station associated with mediumwave DZAB.

Two years later during the year 1951, station DZAB-DZH5 was taken over by the Catholic operated Santo Tomas University, and it was installed in the university's Main Building. At this stage, a new mediumwave callsign was granted, DZST, with the ST standing for the initials of the university, Santo Tomas. They also issued a QSL card to verify listener reception reports.

However, on 10 December 1958, a high level committee that was meeting at the university gave approval for establishing a high powered mediumwave and shortwave station that would provide better coverage throughout the Philippines, and also for international coverage into the highly populated countries of Asia. Soon afterwards, land was procured in a rice field on the edge of MacArthur Highway, at Barangay-Dakila on the southern edge of the large regional city, Malolos, some 20 miles northwest of Manila.

Two 100 kW Siemens transmitters were procured from Germany, and test broadcasts began from the first unit on 21675 kHz on 10 November 1967. This new radio station near Malolos was granted a new sequence in callsigns, and mediumwave DZST became DZVR, with the VR of course indicating Veritas Radio. The two shortwave transmitters were identified as DZN7 and DZN8. The second transmitter was taken into service during the following year 1968.

A new suite of studios was installed in the Catholic Center on United Nations Avenue in Manila, and programming was microwaved to Malolos in a special set of eleven channels, six broadcast and five telephone.

However, the new Radio Veritas Asia was beset with problematic circumstances that took many years to resolve. The two German made transmitters malfunctioned, experienced staffing was not available, studio production in the various languages of Asia was not well established, and lack of adequate funding was always a problem.

For the next six years, from 1967 into 1973, Radio Veritas Asia was on the air with mainly just test broadcasts, made up of usually classical music and test announcements in English.

Interestingly back then, Vatican Radio was interested in the development of Radio Veritas Asia, and they also asked for reception reports of Veritas, with the intent of possibly using the Philippine station as a part time relay for Vatican programming.

Ultimately in August 1973, Radio Veritas Asia went silent, while awaiting parts from Germany, and also while awaiting the modification and upgrading of the two 100 kW transmitters. However during this interim period, Radio Veritas took over the 50 kW Gates shortwave transmitter from Radio SEARV, which had recently gone silent at Dumaguete in the southern Philippines through lack of funding.

Radio Veritas Asia was re-opened in May 1975, and the first test broadcasts from the newly installed 50 kW were noted in New Zealand and Australia on 9570 kHz and 11710 kHz. Again, the test broadcasts consisted of music, and announcements in English.

Finally, the two 100 kW Siemens transmitters were re-activated, and they were taken into service in mid 1977. Over a period of time, the test broadcasts were phased into regular programming in more than a dozen languages. By this time, they were utilising six antennas with various configurations, including log periodic, rhombic and cage.

All went well for the next ten years, until violent political disturbances swept across the entire nation. Then, on 23rd and 24th February 1986, insurgents stormed into the transmitter station at Malolos and badly damaged all of the transmitters, three shortwave and two mediumwave, and also some of the antenna systems, though fortunately no personnel were harmed.

As a result, a brand new transmitter station was quickly constructed at a new location, with funding from Catholics in Germany, as well as from the German government itself. The new shortwave station was constructed near Palauig, almost at the northern tip of a jungle covered small tidal peninsula known as Luan Island. This Luan Island/tidal peninsula occupies just .1 of a square mile, and it is located 100 air miles northwest from Manila, and 70 miles from its previous location at Malolos.



Over a period of time, three large 250 kW shortwave transmitters were installed at the new Palauig site, each of which was a variation of the Swiss made Model SK53C3. The first was inaugurated in 1986; the second in 1988; and the third in 1992. Eighteen years after it was taken into service, the very first transmitter was dismantled, leaving just the two slightly younger transmitters to carry the full load of programming.

Throughout its more than half a century of on air service, this well known shortwave radio facility with its many consecutive callsigns, has always been a reliable verifier of listener reception reports. In its latter years, these cards pictured Philippine regional scenes in full color.

Last Saturday (20 June 2018), shortwave Radio Veritas Asia was closed. So, what is left now of shortwave Radio Veritas Asia?

It is stated that the elaborate studio building in Quezon City will remain in service, preparing programming in Chinese Mandarin for distribution over the internet, and Filipinas programming for distribution over a smart phone.

The original transmitter building on the edge of Malolos was abandoned seven years ago, though efforts are underway to restore it as a historic museum piece.

The shortwave facility of Radio Veritas Asia on Luan Island near Palauig lies silent, and somewhat abandoned. What will happen to it next? Well, we don't know, but perhaps the future will provide another interesting chapter in this fascinating radio saga in the Philippine Islands.

The KDKA Far Northern Service

From the script of AWR "Wavescan" DX Programme No 469 - by Dr Adrian M Peterson:

The world's first regular international shortwave service was inaugurated by the Westinghouse radio broadcasting facility at the time when their transmitters were still located on top of the eight storey Building K at their factory complex in East Pittsburgh Pennsylvania. However by this time, radio production studios had already been transferred from Building K into the William Penn Hotel at 530 William Penn Place in downtown Pittsburgh.

In his memorable volume on the early history of shortwave broadcasting in the United States, Michael K. Sidel tells the story of how the historic mediumwave station KDKA in Pittsburgh began the world's first truly international shortwave service. It was in the Summer of the year 1923 when KDKA itself was not quite three years old at the time, that George A. Wendt of the Canadian Westinghouse Company in Hamilton Ontario suggested that KDKA should introduce a program service for residents in the Canadian far north.



During the Summer of 1923, the northern posts of the Royal Canadian Mounted Police had been issued with shortwave receivers that could tune in to the program service from shortwave KDKA-8XS in Pittsburgh. The Westinghouse Far Northern Service was introduced during that same 1923 Summer, and it was on the air mediumwave and shortwave each Saturday evening.

The programming for the new Far Northern Service was compiled with readings from listener letters, news and entertainment music and it was beamed to the Canadian Arctic areas which included police outposts, personnel in service with the Hudson Bay trading company, the extensive French Revillon Freres fur trading company, and isolated Catholic mission stations. It is reported that KDKA received a flood of appreciative letters from northern listeners after the harsh northern winter was over and the mails had begun to flow again during the Spring of the following year 1924.

Brief radio histories covering the development of the Far Northern Service state that station KDKA-8XS broadcast a special message to a Hudson Bay trapper in northern Canada on 17 January during the harsh northern winter of 1924, stating that his wife was recovering satisfactorily after a successful emergency operation. However, there is much more to this interesting story than just a simple one sentence historical report. This is what happened.

During the year 1906, 22 year old James S. C. Watt migrated from the Scottish Highlands to Canada East, where he soon afterwards accepted an appointment with the Hudson Bay Company. Around that same time a high school girl, Maud Maloney, caught his attention. Maud, born on the Gaspé Peninsula on the southern coast of the St Lawrence Estuary in Canada in 1894, was the tenth child in a blended family of Irish-French background with 16 children. She was fluent in both French and English, and she subsequently became familiar with the northern Algonquin language at a conversational level.

As time went by, James Watt accepted a transfer with the Hudson Bay Company to Fort McKenzie in Province Quebec; and Maud accepted employment in the early part of World War 1 as a telegraphiste at Clarke City PQ, a little west of the north entrance to the Gulf St. Lawrence Estuary. Subsequently in a simple ceremony, Presbyterian James Watt in his late twenties and the very practical eighteen year old Catholic girl Maud Maloney were married, and they took up a long term residence in Fort McKenzie.

Although the small trading post settlement of Fort McKenzie was located in the north of Province Quebec, yet it was accessible only after an arduous ship voyage along the coast of Labrador

followed by a long inland walk of 200 miles due west. The Watt family lived much of their life in Rupert House at Fort McKenzie.

On one occasion, it became necessary for Maud to undergo an emergency operation and she traveled to a hospital in North Bay, some 175 miles due north of Toronto in Ontario, for the occasion. The operation was a success, and practical Maud wanted to inform her husband, still way up at Fort McKenzie, that all was well.

She had some friends make contact with station KDKA, "way down south of the border", and Frank E. Mullen included this good will message into his evening Farm Service broadcast. It was known that James Watt would listen on shortwave to KDKA-8XS each evening for news, information and entertainment. The grateful and lonely northern resident subsequently thanked KDKA by mail, stating that yes, he did indeed hear the welcome information about his wife.

Three and a half years later, Maud was on another voyage along the Labrador coast, on the return journey to Rupert House Fort McKenzie. Traveling with her were their two children, two and half year old Hugo and six months old Jacqueline, together with a nine year old orphan girl Alice McDonald.

On 22 July 1927, the new ship Bayrupert, on only its second voyage north, struck the underwater Clinker's Rock and it was split open. The wireless operator tapped out an SOS in Morse Code, and in response a steam tugboat came out, took all aboard, and dropped them off on nearby Farm Yard Islands. Soon afterwards, Maud and her three fellow travelers were taken by the ship Kyle back to Newfoundland, where they waited out the season until shipping began to move along the mainland coast once again during the Spring of the following year.

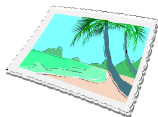
Both Maud and James befriended the local peoples of the north, and their service to them has become legendary. Maud herself is honored with the informal title, the Angel of Hudson Bay; books have chronicled her exploits, adventures and service; and movie films have catalogued in dramatic style her endeavors in the Canadian Arctic.

Let's go back to the year 1924 again; and on 4 August, the Canadian government asked KDKA to maintain radio contact with the Canadian Coast Guard supply ship CGS Arctic during its annual cruise to isolated outposts in the Canadian north. New radio equipment was installed on the CGS Arctic in Quebec before she set sail for the frozen north, with William Choat Toronto amateur operator 3CO, as the ship's radio operator. The ship CGS Arctic was actually registered in Newfoundland which was not yet a part of Canada at the time, and its radio equipment was licensed with the callsign VDM.

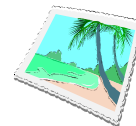
As requested, shortwave 8XS at the KDKA facility in Pittsburgh did maintain regular communication in Morse Code during the nearly three month long 1924 voyage of the CGS Arctic VDM from Quebec, up to the northern outposts and then the return to Quebec. One of the amateur radio stations contacted by William Choats at VDM during this voyage was the pioneer English amateur radio operator Gerald Marcuse G2NM. It will be remembered that Marcuse began the transmission of his now historic program broadcasts on shortwave three years later, and that was the beginning of international shortwave radio programming from England.

Back during that era, the KDKA-8XS Far Northern Service was presented usually in English, though on occasions Bishop Turquetil spoke to the northern Canadians in one of the Eskimo languages. By the year 1938, the KDKA Far Northern Service was on the air in five languages: English, French, Danish, Icelandic and Eskimo. The broadcast of the KDKA Far Northern Service for the 1939 Winter season began and by that time their shortwave service had undergone a double callsign change, from W8XS to W8XK and then to the regularized WPIT.

Interestingly in December 1933, the Canadian Radio Broadcasting Corporation CRBC introduced their own northern service under the title Canadian Northern Messenger which was based upon the successful American Far Northern Service from KDKA which was by that time now ten years old. But that's a story for another occasion.



QSL Report



edited by Dario Gabrielli qsl@bdxc.org.uk
Dario Gabrielli, Viale della Resistenza 33b, IT- 30031 Dolo (Ve) Italy

Austria: Radio DARC via Moosbrunn, 13860 kHz. QSL card and info sheet of the special WRTC-2018 broadcast received in 37 days for report with audio clip sent to radio@darcd.de v/s Rainer Englert (DF2NU) Editor-in-chief (RM)

Bulgaria: ETC Radio 9400 kHz. Personal letter received by post in 1 month for report sent by e-post to georgi.bankov@gmail.com (PC)

Isle of Music 9400 kHz, via Spaceline. Full data e-card received in 2 days for email report sent to tilfordproductions@gmail.com. (PC)

Cuba: Radio Habana, 6100 kHz. Spanish Programme. Full data QSL and schedule received in 9 months by post for postal report sent to radiohc@enet.cu (PC)

Denmark: World Music Radio 5840 kHz. QSL received in 25 days for reception report sent to hartvig@wmr.dk (APD)

France Radio Taiwan Int. (via Issoudun) 13835 kHz. French Programme. QSL received in 30 days for reception report sent to: fren@rti.org.tw (CG)

Germany: Atlantic 2000 International 6070 kHz. e-QSL and e-infosheet received in 1 day for report in French with audio clip sent to atlantic2000international@gmail.com (RM)

Atlantic 2000 (via Channel 292) 6070 kHz. e-QSL received in 4 days for report in French sent to: atlantic2000international@gmail.com (CG)

Italian Broad. Corp. (via Channel 292) 6070 kHz. E-QSL received in 12 days for report in Italian sent to: ibc@europe.com (CG)

IBC Radio (Italian Broadcasting Corp.) via Kall 6070 kHz. e-QSL received in 1 month for E-report in English sent to ibc@europe.com (RP)

Dear Mr. Rumen Pankov, thanks for your reception report.
We confirm our broadcast via C292 (Germany) on 6070 kHz with 10 kW
Date: 16/5 6-20/6/2018 Time: 20.00 UTC

ITALIAN BROADCASTING CORPORATION

39
ANNIVERSARY

WITH YOU
ON SHORT WAVES

Email: ibc@europe.com
www.ibcradio.webs.com

[@italianbroadcastingcorporation](https://www.facebook.com/italianbroadcastingcorporation)
[@radioibc](https://twitter.com/radioibc)

Indonesia: Voice of Indonesia via Internet. Japanese Programme. Received QSL card in 43 days for report in English sent by registered airmail to: Jl. Merdeka Barat 4-5, 4th Floor, Jakarta 10110 Indonesia. Enclosed 2 USD for return postage (HA)



Vatican: Radio Vaticana 9710 kHz. Italian Programme. e-QSL received in 120 days for reception report sent to : qsl.request@spc.va (CG)

QSL News

Brazil Brazilian DXer Daniel Wyllyans confirms that he is QSL manager for the following tropical band stations:

3365 Rádio Cultura de Araraquara (Irregular)
4775 Rádio Congonhas
4805 Rádio Difusora do Amazonas FM (Irregular)
4845 Rádio Cultura do Amazonas
4845 Rádio Ibitinga (Very, very rare in 2018)
4862 Rádio Difusora de Londrina
4875 Rádio Roraima
4885 Rádio Clube do Pará



4885 Rádio Difusora Acreana
4895 Rádio Novo Tempo (Irregular)
4905 Rádio Relógio
4925 Rádio Rural FM
4965 Rádio Alvorada de Parintins
4985 Nova Rádio Brasil Central
5035 Rádio Educação Rural de Coari



A coluna do evangelho

Reports can be sent to danielnx18@gmail.com (Daniel Wyllyans via WOR iog)

Unfortunately this edition has only a few contributions and I think that is because club members spend their summer holidays and they don't write regularly to stations. We hope that in the next editions of 'Communication' the contributions can be richest.

*I take the opportunity to wish the best holidays to all. I remind you also that the deadline of this page is the **Friday after printed contribution deadline at 21.00 UTC,** **Dario***



FM Commercial radio

Capital Brighton replacing Juice. Global has announced that it will launch Capital Brighton on Monday 3rd September, following the purchase of Juice 107.2 earlier this year. Juice Brighton launched in 1997 as Surf 107 and was locally owned until January. (Radio Today 2 Aug)

Global buys 2BR Lancashire-wide station 2BR has been sold by UKRD to Global and is set to become part of one of its national brands. 2BR broadcasts from Hyndburn to central and east Lancashire on four frequencies 96.3, 99.8, 106.5 and 107 MHz. Coverage includes Burnley, Pendle, Blackburn, Preston, Chorley and Leyland.

Nation Radio Scotland launches on 1 October on 96.3 MHz in the Glasgow and West of Scotland area. This is the readvertised licence which was originally awarded to Rock Radio and subsequently bought by Nation Radio. It will share branding but not programming with Nation Radio Wales. Web site is www.nationradio.scot



NECR closes North East Community Radio (NECR), which is based in Kintore (Aberdeenshire), broadcast its last show yesterday evening. The radio station first went on air in 1994 and covered most of Aberdeenshire. It reached from Keith to Fraserburgh and Peterhead, Aberdeen and Braemar. However, it has now said that adverse trading conditions and the effect of local businesses moving advertising from the station to the internet contributed to its closure. The station thanked listeners for their support over the years, saying that it was a “sad day” but a “sign of the times”. (Aberdeen Evening Express 16 August via MET)
Frequencies were 97.1, 101.9, 102.1, 102.6, 103.2, 106.4 MHz.

FM Community radio

Citybeat 103.2 rebrands as Beat Radio Preston Community radio station CityBeat (formerly Preston FM) in Preston has been renamed to Beat Radio Preston. (report on digital spy 31 July)

Dean Radio (Forest of Dean 105.6 MHz) launches New community station, Dean Radio, based in Cinderford, Forest of Dean, launched on 24 August, broadcasting on 105.6 MHz from a mast on Rheola House, Cinderford. Studios are at the Miners Welfare Hall, Wesley Road, Cinderford GL14 2JN.

The Forest of Dean used to have a MW community station, Forest of Dean Radio, which broadcast for four years on two frequencies, 1503 and 1521 kHz, from 2005 until it closed in 2009. Triangle FM then launched as an occasional RSL then internet station until February 2018.

Now it has a new community licence after being awarded an Ofcom community radio licence in November 2017. It will launch as Dean Radio “From the Forest, for the Forest”.

www.deanradio.co.uk (Alan Pennington)



Pride Radio (Newcastle Upon Tyne) has launched on 89.2 MHz. This station is aimed at the LGBT community. Web site www.prideradio.co.uk

Radio Newquay (Newquay Cornwall) is testing on 106.1 MHz (200 Watts mixed). www.radionewquay.com

YO1 Radio (York) is now testing on 102.8 MHz (100 Watts vertical). Studios at Unit 8, Marston Park, Clifton Moor, York YO30 4WX www.yo1radio.co.uk



Restricted Service Licences - RSLs on air this month

Bradford	87.7	R Muharram	Islamic	12 Sep-9 Oct
Bournemouth	87.7	The South's Mix	air show	24 Aug-3 Sep
Chesham, Bucks	87.9	Chiltern Voice	community	18 Aug-1 Sep
Chigwell, Essex	87.9	Scout Radio	scout jamboree	7-9 Sep
Chipping Norton	87.7	Festival R	festival	20-23 Sep
Goodwood, Chichester	87.7	Goodwood Revival	vintage car racing	7-9 Sep
Ipswich	106.8	Jukebox Memories	LV18 Light Vessel	15 Sep-12 Oct
Leicester	87.7	Radio Hajj	Hajj & Muharram	16 Aug-12 Sep
Leicester	95.1	Shatabi R	Indian community	3-30 Sep
Oulton Park, Cheshire	87.7	BSB Radio	British Superbikes	14-16 Sep
Redruth	87.7	All Going Nowhere Together	Art/music event	8-9 Sep
Silverstone, Northants	87.7	BSB Radio	British Superbikes	7-16 Sep
Stamford, Lincs	87.7	BHT Burghley Horse Trials R	horse trials	27 Aug-2 Sep
Stoneleigh, Kenilworth	87.7	Nationals Radio	dressage	20-23 Sep

Long term RSLs

1602 kHz	R Silverstone, Silverstone Race Circuit, Northants - motor race events until 4 Nov 18
87.7 MHz	Brands FM, Brands Hatch Race Circuit, Kent - race events until 4 Nov 18
87.7 MHz	Donington FM, Donington Park Race Circuit, Derby - race events until 23 Sep 18
87.7 MHz	Knockhill FM, Dunfermline, Fife - motor racing events until 9 Dec 18
87.7 MHz	Newmarket, Suffolk (Rowley Mile & July Course). - horse racing events until 3 Nov 18
96.2 MHz	Nitro FM, Santa Pod Race Circuit, Northants - race events until 27 Oct 18

Digital

Bauer buys Jazz. Jazz FM has been sold to Bauer Media for an undisclosed sum. The station is based in London and broadcasts nationally on the Sound Digital multiplex, owned by Bauer, Wireless and Arqiva. It has an estimated 672,000 weekly listeners. (Radio Today 16 Aug)

Ipswich will be served by two dedicated local commercial radio stations from today as Ipswich 102 launches on DAB. Ipswich 102 is taking over the FM frequency currently used by Town 102 from 19 October after winning the licence in a re-advertisement battle earlier this year. But in an interesting move, Town 102 has also been added to the local multiplex, with Celador confirming to RadioToday that they plan to broadcast indefinitely, putting them in direct competition with the new arrival. (Radio Today 1 Aug)

Centreforce is new on the London 2 multiplex (rather than on the trial mpx as originally assumed). It is in DAB+ at 32kB. Very clever with their DAB label "88.3 Centreforce" which means that they come up first in the alphabetical list of stations. Nice to have a DAB station for househeads - a better version of Kisstory! (Ian Kelly 11 Aug)

United DJs "The Station of the Stars" has been added to the Portsmouth minimux. You can listen online at www.uniteddj.com



Webwatch

Edited by Chrissy Brand - editor@bdxc.org.uk



Chris Greenway mentioned the events 50 summers ago in Czechoslovakia, when the USSR invaded. The 50th anniversary of the invasion (the night of 20-21 August 1968) was an opportunity to remember the many radio stories from that time. Here's a good article (written by Don Moore on the 25th anniversary) about the many stations that sprang up inside Czechoslovakia to oppose the invasion. www.pateplumaradio.com/genbroad/czech.html From the other side, Richard Cummings recalls Radio Vltava, the clandestine station broadcasting from East Germany.

<https://coldwarradios.blogspot.com/2018/08/clandestine-radio-vltava-during-soviet.html?spref=tw>

BDXC member **Martin Cowin** recently posted a new post on his blog, My DX Archive: Winter 1995-96, which makes for an interesting and nostalgic read.

<http://foxtower-reporter.blogspot.com/2018/08/my-dx-archive-winter-1995-96.html>

Mike Barraclough recommends some research undertaken by **Professor David Hendy** on BBC Caribbean Voices. Broadcasting to the Caribbean has long been a part of the BBC's international activity - small in scale, but enormous in its cultural impact. It also drew on the talents of some remarkable individuals.

(Photo from BBC 1950s' publicity)

www.bbc.co.uk/historyofthebbc/people-nation-empire/caribbean-voices



Other Times, Other Lives. **Marsha Dunstan** selects a handful of the 7,000 links in the BBC Genome project to the BBC World Service archive.

www.bbc.co.uk/blogs/genome/entries/3748283f-e95c-4b1f-ab3d-c4c45df87a09

Offshore radio engineer **Stephen Muirfield** was interviewed on BBC Radio Guernsey on 14 August in the final hour of **Tony Gillham's** programme with some detailed memories of fitting out Radio 270 in St Sampsons, Guernsey, sailing up to Scarborough with the mast falling down and the studio and other technical equipment on the Ocean 7. Now on the BBC iPlayer for 30 days from 2 hours 36. BDXC member **Darren Rozier** on travel and reporting on offshore radio memories on their Facebook page.

www.bbc.co.uk/programmes/p06g5xpn#play

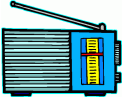


Alan Pennington came across a US news report on the construction of the new 500 kW SW station in Monticello, Maine by WBCQ's Allan Weiner: **Tuning in to Monticello**. "The town of Monticello will soon be home to one of the largest short wave radio stations in the world, according to those involved. In this week's Aroostook 2020, Newssource 8's Ashley Blackford finds out what this major project could mean for the area".

<http://www.wagmtv.com/content/news/Tuning-in-to-Monticello-490955221.html>

The photo is from Allan Weiner on Twitter, 16 August: "Building the superstation antenna"

(more photos on his Twitter page @AllanWBCQ)



Medium Wave Report

Edited by Dave Kenny - news@bdxc.org.uk



Italy Radio 3 Network from Poggibonsi, Tuscany is now active on **1602 kHz**. DXer Alessandro Capra has received it with good signal. (Giampiero Bernardini, DXing.info FB group 16 Aug)

Netherlands **The Lightship Jenni Baynton from Harlingen** has anchored in the Waddensea for 14 days from 22 August. They are broadcasting around the clock and visits to the ship are possible during the weekends. You can hear Radio Seagull and other programmes via the mediumwave transmitter on **747 kHz** throughout Friesland and far beyond. The bright red painted Jenni Baynton has to be put on the slope for maintenance and that requires 15,000 euros. Therefore the initiative to go offshore and to invite people for a guided tour. In this way they hope to receive donors and sponsors. (Nico uit Gouda 22 Aug via mediumwave.info)

Radio SeaBreeze AM was observed on **747 kHz** at 0730 UTC on 24 August, announcing as coming live from the Jenni Baynton. Format is mostly English pop oldies presented in Dutch. Reception was good via a web SDR in Groningen, Netherlands, and the station could also be heard in parallel with very poor reception amongst a clutter of low-power Dutch stations on their usual 1395 kHz. Other Dutch stations can be heard on 747 kHz at other times - Radio Seagull was observed there the previous evening. (David Kernick 24 Aug via WRTH Facebook)

Radio Bloemendaal will stop broadcasting on medium wave from 1 October. After 1st October the time-honored medium wave frequency 1116 kHz will go silent after 94 years, according to Radio Bloemendaal on their website. (radio-tv-nederland 24 Aug)

Stichting Middengolf has received a licence for the LPAM frequency **675 kHz** with 50 Watt PEP in Utrecht. This foundation is located at Vechtensteinlaan 16A and there is also Quality RTV B.V. which has been licensed for 828 and 1485 kHz for years but does not use it. (radio-tv-nederland 3 Aug)

AT has issued an LPAM permit for the **1485 kHz** with 1 Watt pep in Katwijk. Voorburg. Radio Centrale West which broadcast on 1485 kHz from Voorburg has recently stopped broadcasting. (radio-tv-nederland 16 Aug)

New Zealand The Oldest Māori radio station, Te Ūpoko o Te Ika (Wellington Maori Radio) on **1161 kHz** faced possible closure but has had a 12 month reprieve. (RNZ 24 August)

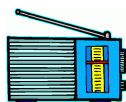
Norway **Radio Northern Star** tests on Bergen Kringkaster **1314 kHz** 228 metres MW with 1kW will continue each Sunday from 1900-2100 UTC. This in parallel with 1611, 5895, WiFi, apps, web etc. At the same time we are happy to announce that our new station **The Ferry** has made its debut on regular broadcasting, namely on the same transmitter, in the beginning from 2110-2210 UTC each day. Transmission times may increase. Reports to 1000@northernstar.no (Radio Northern Star 3 Aug)

Sweden **New temporary station on 1593 kHz** "My station Asfalttelegraf (or Asphalttelegraph in English) got a licence from MPRT (Myndigheten for press, radio och TV) and PTS (Post and Telecom Agency) to broadcast rock radio on 1593 kHz with 200 watt ERP from Boraas City, South Sweden. I wait on a delivery of a sound compressor. I have done some hours of tests broadcast and today I finished the antenna work and have now all the power on the air. The licence runs from 27 of August to 9 September 2018. This is a temporary station 2 weeks before the national parliament elections, with some political messages only in Swedish and much music from the 1970s. Reception reports are welcome on 1593khz@gmail.com. Station ID in Swedish and English is coming." (Torleif Roos, Boraas, Sweden 26 Aug via mediumwave.info)

Tonga A new AM transmitter has been commissioned for Tonga's state broadcaster in a move that is expected to strengthen disaster preparedness. The Tonga Broadcasting Commission's AM frequency [1017 kHz-ed] is the only one accessible everywhere in Tonga. Mr Ma'u said the service was the best medium to broadcast not only educational and informational content but also deliver 24 hour warnings and instructions during times of emergency. The new transmitter was funded by the World Bank to the tune of \$US440,000. (RNZ 18 Aug via Mike Terry)

Trans World Radio Funding sought for new "Silk Road" transmitter. From TWR web site:
"In January 2017, we were forced to reduce some of our program airings into Central Asia due to a 150,000-watt AM transmitter being taken out of service. Broadcasting was reduced from three hours to two hours per day. Now God is leading TWR to install the Silk Road Transmitter, a powerful 200,000-watt AM signal, which will increase our coverage area over Central Asia during prime time and provide increased capacity for more programs that listeners want to hear. To reach the roughly 60 million people scattered in the vast steppes of Kazakhstan and Uzbekistan, the valleys of Kyrgyzstan and Tajikistan, and Northwest China with the good news of Jesus, TWR is stepping out in faith to install a 200,000-watt AM transmitter to renew and expand our Central Asia ministry. TWR is seeking \$593,000 to install and commission the Silk Road Transmitter and cover the first year of airtime. Will you prayerfully consider joining us?"
(www.twr.org/project/silk-road-transmitter via WWDXC TopNews)

(Tony Rogers adds that Although TWR does not disclose the location of the proposed transmitter for the "Silk Road Project" (neither did they for the TWR PANI project for "security reasons"), it is likely that it will be at Krasnaya Rechka, near Bishkek (also the site of the TWR PANI transmitter on 1467 kHz), using the frequency of **1287 kHz** vacated by Kyrgyz Radio."



DX News - Short Wave

Edited by Dave Kenny - news@bdxc.org.uk



Australia In partnership with Radio Ozy, **Pulse FM Tasmania** can now be heard across Australasia and surrounding continents on shortwave **4835 kHz** between 12 am and 6 am Hobart time every day (1400-2000 UTC). Tune in, and let us know where you're listening from! FOR DX ENTHUSIASTS: Please send your reception reports to knh@pulsefm.com.au (via David Ricquish Facebook 10 Aug)

Brazil **Radio Trans Mundial ends SW broadcasts** Radio Trans Mundial (RTM - Trans World Radio's Brazilian outlet) closed its broadcasts on shortwave on 8 August 2018. For over 20 years, Radio Trans Mundial invested in SW with excellent results all over Brazil. However, due to advances in communication and after much reflection and prayer, we understood that this was the best decision to make. You can follow us through our website app www.transmundial.org.br and broadcast affiliates, where we have experienced great growth in audience in recent years...." (RTM via Daniel Wyllyans-Brazil 8 Aug via HCDX yg translated via google) *Frequencies were 5965, 9530 and 11735 kHz.*

In the final broadcast they said that programmes will be carried via TWR Bonaire on 800 kHz with 440 kW. The reasons were financial, a low audience on short wave compared to Internet. The cost of electricity and maintenance were also cited. One valve that burned out cost R \$ 20,000.00. They have an average of 50,000 listeners online. The SW broadcast licence ran out today and has not been renewed. (Jorge Freitas-Brazil 8 Aug/WOR iog)

Rádio Cultura de Araraquara has reactivated 3365 kHz between 2100-0300. Only weak carrier so far here in Finland on 3365.1 kHz. Website: <http://portalmorada.com.br/radiocultura/> (Mauno Ritoal WRTH citing report from Daniel Wyllyans & Elizia Martins HCDX)

China DRM tests on 6030 kHz. The following email reply has been received from CNR about the new DRM tests on 6030 “Greetings from Beijing. Thank you for your attention. Since 23 July test DRM on 6030 kHz became a regular test transmission. The schedule is 2025-1805 UTC. It is just a domestic broadcasting test. We will update the requirement into B18 HF broadcasting schedules. And in the test period, the normal AM transmission on 6030 kHz will be shut down. In the near future, there may be more and more test DRM transmissions. Looking forward to your attention and feedback. Please feel free to contact us. Best regards. Sincerely Sun. E-mail address was: drmrtrc@163.com (Walter Salmaniw WOR iog 1 Aug)

Focus on China, the weekly English-language broadcast on Voice of the Strait on **4940 kHz** is now carried on Saturdays at 0930-0955 and 1430-1455 UTC. Both were confirmed on 25 August starting at 0932 and 1433 respectively via an SDR receiver in Shandong, China. The English slot was formerly carried at 1500-1525 but had not been heard at this time for some months. (Observations by Dave Kenny & thanks also to help from Ron Howard-USA via email)

Clandestine & Other Target Broadcasting

Dandal Kura Radio International heard from 1928 tune-in to sign-off at 2000UTC on 23 August on (new, I think) 11765kHz in parallel with 11830khz. Good reception here. Transmitter site not known. (Alan Roe)

Eye Radio has resumed SW broadcasts from 1 August using transmitters in Madagascar and France beamed to South Sudan.

Broadcasts are in Sudanese Arabic, English and vernaculars:

0400-0500 Mon-Fri 11620-mdc

1500-1600 Mon-Fri 15410-iss

Eye Radio is based in Juba and broadcasts on FM within South

Sudan. It previously broadcast on SW until October 2017. (Allen Dean, Tony Rogers)



Radio Ndarason Int. has rearranged their morning schedule a bit, the full schedule is now:

0500-0600 7415 0600-0700 13810 0700-0800 7415 1800-2100 12050

This station is based in N'jamena, Chad. (WRTH Facebook/DK)

Shiokaze (See Breeze) latest observed schedule (subject to change) is:

1300-1400 on 6165 kHz (ex 7215) and 1600-1700 on 7215 kHz (ex 6165). English Thursdays.

(Allen Dean 19 Aug, Ivo Ivanov Bulgarian DX Blog 16 Aug via WOR)

Germany As of 17 August **Overcomer Ministry** he has taken over all the available airtime on Channel 292 (6070 kHz) until the end of August, so it looks like the Channel 292 transmitter will be running 24/7 for the next few weeks. This might at least offer some of the more distant listeners a rare chance to hear the station on 6070 kHz. All of the normal programmes should still be on at their usual times, but Album Time will be missing.” (Alan Gale)

See the full schedule at <http://www.channel292.de/schedule-for-bookings/>

Schedule updates on Channel 292 on 6070 kHz:

DieSchleichfahrt is a new talk format programme alt Mondays at 2000 UTC from 20 Aug.

Chris is vrij is a new live broadcast on Saturday nights at 2200-2300 UTC

Radio Collado is a new broadcast on the 1st and 2nd Saturdays of the month at 1900-2000 UTC

SuperClan Radio will be carried all day on 26 September on Channel 292.

Radio Silvia have two more hours on the first Saturdays starting on 6 October at 1600-1800 and 2000-2200 UTC. (Channel 292 web site, Alan Gale, Allen Dean)

India DRM transmissions resume All India Radio, Bangalore has re-commissioned its 500 KW DRM SW transmitter with effect from 3 August.

DRM transmissions were off air since 27 February 2017 as the main tube failed. The DRM schedule, valid until 27 August is as follows:

0315-0530 on 15185 kHz to East Africa (Hindi/Gujarati/Raagam channel)

1000-1100 on 17895 kHz to Australia (English/Raagam channel)

1145-1330 on 15040 kHz to SE Asia (Chinese / Tibetan Raagam channel)

1615-1715 on 11560 kHz to E Europe (Russian/Raagam channel)

1145-2230 on 7550 kHz to Europe (Hindi/English/French)

2245-0045 on 7550 kHz to NE Asia (English/Hindi)

Please monitor and send your reception reports to:

rajendiran45@yahoo.com and spectrum-manager@air.org.in

AIR DRM Noted on air with two programmes (GOS IV & Vividh Bharati) during check at 1840 UTC on 4 August (Alokesh Gupta DX_India)

Ministries at odds over future of AIR external service The external services division of All India Radio (AIR) is caught in a turf war between the ministry of information and broadcasting (MIB), which runs it and the ministry of external affairs (MEA), which is expected to fund it.

While the MIB wants the service to continue and even expand; MEA has been suggesting shutting down the programmes, pointing out that the service offered through short wave has outlived its utility and does not attract listeners abroad, said an MIB official....

A former Prasar Bharati official who had concurred with MEA's suggestion to shut down the service told HT: "No one outside India ever hears Akashvani external services over short wave or medium wave. It's a waste of public funds. A few years ago as a test case we had asked a few ambassadors to give us feedback on the popularity of the shows; at least two wrote back saying that the frequencies of the programmes in their respective countries could not be found."

This official went on to add that maintaining short wave transmission installation is a huge drain on the exchequer as they "guzzle power" and the equipment is "expensive to maintain."

While an official of the MEA, requesting anonymity said the issue of shutting down the service is "under consideration", director general of AIR F Shehryar said the biggest problem being faced by the division is that the infrastructure has not been upgraded.

Declining to comment on whether the service is being shut down, he said: "We have not been able to replace about three-decade old short wave transmitters which are directed to beam signal to the strategic locations. Usually one transmitter has a life of 8-10 years and once they cross this limit, the valves go off and the transmitters stop catering to the service area."

(Hindustan Times 6 Aug via Mike Barraclough)

Indonesia RRI Nabiri has been heard reactivated on **7289.92 kHz** it was first observed in Japan with a very weak signal signing off around 0905 UTC on 31 July. Audio was matched with the stations web feed (via Daniel Wyllyans HCDX) It has since been confirmed by Ron Howard (California) almost daily, with sign-off time varying between about 0905 and 1025 UTC. Ron notes that "17 August is Independence Day (Hari Merdeka) in Indonesia. Also 18 Aug to 2 September, Jakarta and Palembang will host the 18th Asian Games. Its worth checking for other re-activations this month. " (Ron Howard observations via WRTH Facebook, HCDX) *RRI Nabiri was last heard on SW in July 2016 according to Anker Petersen's DBS.*

Peru The new Peruvian SW station La Voz del Pueblo which had been inactive for a couple of weeks in July has been heard again. It was observed on **4920.77 kHz** around 0445-0628 on 30 June with Peruvian songs, no ID. (Manuel Méndez-Spain, HCDX)



Taiwan Radio Taiwan International's German service is carrying out some regular tests in analogue and DRM transmitted direct from Taiwan according to the following schedule:

1700-1800 on 11900 kHz 1800-1900 on 9700 kHz

On the following dates:

9 August (Thursday) / analogue & digital

24 August (Friday) / analogue	25 August (Saturday) analogue
26 August (Sunday) DRM	31 August (Friday) / analogue
1 September (Saturday) / analogue	2 September (Sunday) / analogue
7 September (Friday) / analogue	8 September (Saturday) / analogue
9 September (Sunday) / DRM	27 September (Thurs) / analogue (90 Years RTI)
28 Sep (Fri) / analogue (90 Years RTI)	29. September (Sat) / analogue (Paul Gager)

USA VOA's Studio 7 broadcast to Zimbabwe has had some extra SW transmissions for coverage of the recent elections. These are being aired at 1200-1500 UTC on 15295sao and 17820sao. On Sa/Su VOA English is carried in the first hour. (Mauno Ritola, WRTH 1-5 Aug)

Tim Gaynor of Unique Radio, NSW, has invited World of Radio onto his relay block via **WINB 9265 kHz** [Saturdays 1100-1300], starting next Saturday, 1 September at 1230-1300 UT. Thanks, Tim! That will finally give SW listeners a chance to hear us on Saturdays. (Glenn Hauser WOR)

WWV and WWVH to close? A budget request from the US National Institute of Standards and Technology (NIST) for financial year 2019 includes a reduction of "\$6.3m supporting fundamental measurement dissemination, including the shutdown of NIST radio stations in Colorado and Hawaii". NIST radio stations in Colorado are WWV (5, 10, 15, 20, 25 MHz) and WWVB (60 kHz). The station in Hawaii it is WWVH (2.5, 5, 10, 15 MHz). Any closure would be subject to approval by the US government, the closure of all of three stations seems unlikely.

The Broadcasting Board of Governors (BBG) has changed its name to the **U.S. Agency for Global Media (USAGM)**. The change took place on 22 August.

Test transmissions to East Africa

Test transmissions from an unknown broadcaster were carried out on 23rd August as follows::

1600-1615 UTC: 11550 kHz	1630-1700 UTC: 9320 kHz
1900-1915 UTC: 9320 kHz	1930-1945 UTC: 11550 kHz

A message about the tests received by Tony Rogers stated "The purpose of the test transmissions is to find out if signal strength is good enough for coverage in East Africa and possibly other parts of Africa and the Middle East. And if so - what frequency (9320 or 11550 kHz) - is the better. The transmissions will consist of non-stop reggae music. Please write and tell about the quality of reception for all four transmissions. Write to: swtest818@gmail.com (No QSLs) Thanks very much in advance!!" (via Tony Rogers)

Ivo Ivanov of Bulgarian DX Blog confirms that the tests were via Kostinnbrod, Bulgaria

VORW Radio - Voice of the Report of the Week - revised schedule

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

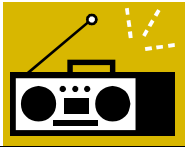
UTC Thursday:

1000 UT - 5950 kHz to Western North America
 2000 UT - 7780 kHz, 5950 kHz to North America
 2200 UT - 9955 kHz, 5950 kHz to South America

UTC Friday

0000 UT - 7730 kHz to Western North America; 9395 kHz to Eastern North America
 0100 UT - 5850 kHz, 7780 kHz to North America ; 7490 kHz to Eastern North America
 0400 UT - 7730 kHz to Western North America
 2100 UT - 9955 kHz to South America

Donations to keep this program on the air are always appreciated via PayPal to vorwinfo@gmail.com Please send correspondence to - vorwinfo@gmail.com



Beyond the Horizon

Edited by Chrissy Brand - bth@bdxc.org.uk



UK & Irish stations heard in UK

MHz	UTC	Station, details, etc.	SIO	Date	Inits
88.8	0825	BBC R Jersey, newspaper review	Excl	05/08	DJM
93.2	1733	BBC R Guernsey, shipping forecast	Good	13/08	DJM
95.2	1744	BBC R Oxford, Bruce Springsteen, ID	Good	13/08	DJMc
96.7	0909	BBC Kent, Ultimate Top Ten Show	Good	12/08	SB
99.0	1749	BBC R Guernsey, Alderney, sports news, first time heard on mainland 0.25kW	Good	13/08	DJMc

Community & RSL stations heard in UK

MHz	UTC	Station, details, etc.	SIO	Date	Inits
87.7	1230	IBSA Radio, Bournemouth, Intl Bible Students Association, coverage of meeting and talks. Heard B'mth Intl Centre	Poor	04/08	DJM
87.7	0945	Carnival FM, Hastings, 'Biology' & 'Chuck E's in Love' on loop	Excl	31/07	CB
87.7	1250	R Airbourne, Eastbourne, 96 yr old talking about Spitfires	Excl	18/08	CB
87.9	0920	Chiltern Voice, Chesham, Bucks. RSL. Rap mx, ID, ads	poor	25/08	AP
87.9	0019	Radio Hajj, Bristol. Very loud and lively debate	152	17/08	SHo
87.9	1825	Steam Fair FM, Blandford Forum, Great Dorset Steam Fair, lovely mix of old pops, offshore jingles, interviews	Good	18/09	DJM
107.1	0736	Quay FM, Alderney, 'That'll be the day', What's On, Splatter IOW	Fair	02/08	DJM
107.1	1756	Quay FM, Alderney, ID by Colin Mason, news	Good	13/08	DJMc

European / North African stations heard in UK

MHz	UTC	ITU	Station, details etc.	SIO	Date	Inits
87.6	1619	-	Unid, RDS: CATINFO	Good	02/08	DJM
87.6	1703	MRC	Medi 1, Morocco, 'Journal du Maghreb', still excl 1805	Excl	13/08	DJM
87.8	0655	F	France Inter, Paris, mx, FF	455	23/06	sho
88.7	151	F	MRadio, Caen, pops, FF, RDS MRADIO	Excl	05/08	DJM
89.4	1645	F	France Musique, Bruckner, Hotel de la plage, FF	Excl	15/08	CB
89.8	1101	F	R Albatros (site and other info not known) Albatros	Excl	05/08	DJM
90.4	1627	ALG	Radio Setif, RDS: SETIF_FM	Excl	02/08	DJM
91.0	1723	MRC	SNRT Morocco, phone-in, RDS: SNRT_Nat	Excl	13/08	DJMc
91.2	1628	ALG	R Biskra, Algeria, 'Vous écoutez la Radio Biskra', FF	Good	02/08	DJM
91.7	1629	F	R Arvorig, Landerneau, Brittany, FF RDS: ARVORIG	Good	02/08	DJM
93.1	1736	MRC	Radio 2M, Agadir, News in FF, electropop, RADIO2M	Excl	13/08	DJMc
93.4	1734	F	TenDance Ouest, Cherbourg, TENDANCE // 98.9	Excl	13/08	DJMc
93.7	1131	F	Classiq, Le Havre, Pomp & Circumstance March, FF	Excl	05/08	DJM
95.0	1740	F	France Bleu Cotentin, Cherbourg, Best Western Hotel competition, FF BLEU.COT // 99.8	Excl	13/08	DJMc
97.9	1747	F	Skyrock, Cherbourg, FF	Excl	13/08	DJMc
98.7	1130	F	Radio FG, Caen, FF, RDS: __FG. __	Excl	05/08	DJM
99.3	1749	F	NRJ Cherbourg, pops, FF NRJ	Excl	13/08	DJMc
99.8	0955	F	R Maghreb, Le Havre, Announced as Maghreb 2, North African mx, RDS: FMAGHREB	Excl	05/08	DJM
100.1	1038	F	France Bleu Haute, Normandie, Rouen, mx, chat, FF	Excl	05/08	DJM
101.1	1752	F	Sea FM, Cherbourg, ballad, FF SEA FM	Excl	13/08	DJMc
103.5	1140	F	Rire et Chanson, le Havre, FF RIRE&	Excl	05/08	DJM
104.0	1801	F	RFM, St Gilles Croix de Vie, SW of Nantes, light pops	Good	13/08	DJMc

106.1	1803	F	RTL2, Chartres, FF, RTL2	Excl	13/08	DJMc
107.3	0734	F	Skyrock, Evreux , pops, FF	Good	02/08	DJM
107.8	0731	F	HitWest, St Brieuc, discussion, FF, HIT_WEST	Good	02/08	DJM
108.0	0745	E	R Gestonia, Madrid, SS, GESTONIA	Poor	06/08	DJM

FM News

Albert Ford has an update on Radio Ninesprings, a new community radio station for Yeovil and south Somerset. Their website states, "Special live launch - Sunday 30 September, 1000 - 1300" and "Steve Carpenter's breakfast show - Monday 1 October, 0700 - 1000". Albert adds: I presume all times are current UK time. I've not heard any test transmission yet, though! www.radioninesprings.co.uk



Radio Albatros in France, plays world music, jazz and other genres. It was logged by David Morris on 89.8 MHz in August, It's not to be confused with UK free radio station Radio Albatross who play vinyl and more, from the 1950s era onwards. www.radioalbatross.co.uk and www.facebook.com/freeradioalbatross

Propagation Report

With James Welsh propagation@bdxc.org.uk Links: www.jameswelsh.org.uk

Propagation Summary. Solar activity was mostly very low throughout August. There was only very minor flare activity occurring on 14-19 August with little significant affect. The solar flux was mainly at normal levels, except on 16-17 August where moderate levels were observed. On 18-19 August, levels were high.

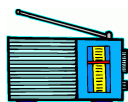
Geomagnetic field ranged from quiet to active. Solar winds was at normal levels with the exception of 15-19 August due to a Coronal Hole High Speed Stream (CH HSS) moving towards an effective position, but levels returned to normal buy 19 August when conditions were quiet.

Propagation Forecast until 15 September. Solar activity is expected to continue at very low levels. The Solar flux is expected to reach high levels 13-15 Sep due to CH HSS influence.

Geomagnetic field activity is expected to be unsettled to active levels on 03-04 Sep, 07 Sep, and 11-15 Sep with a chance for G1 (Minor) geomagnetic storm levels on 20-21 Aug, again due to recurrent CH HSS activity. <http://bit.ly/2jEdqR6>

Arnie Coro of Radio Havana Cuba wrote on 21 August: Solar activity in the past few days brought another record low solar flux figure of 65.6 units, not seen since the long tail end of solar cycle 23. This present cycle 24 is the weakest one of the past 5 solar cycles. Now you understand why short wave propagation conditions are so poor!

The Parker Solar Probe. On 11 August, the Parker Solar Probe was launched. The project is to study how Solar winds occur and to achieve more accurate prediction of their affect on the earth's Ionosphere and terrestrial weather etc. More information at: <http://bit.ly/2Mv2RSH>



Medium Wave Logbook

Edited by Susan Evans - mwl@bdxc.org.uk



Americas

1390	0359	WEGP Presque Isle ME. ID, "Presence Radio Network"	333	25/07	FB*
1400	0400	CBG Gander NL. ID, "CBC News"	242	25/07	FB*
1470	0445	OAU4B, R Capital, Lima, Peru. Ads, ID's	232	16/08	FB*
1570	0455	OCU4J, R Bethel, Lima, Peru. Ads, ID	233	16/08	FB*
1650	0400	CJRS Montréal QC. FF ID "Vous écoutez la radio gospel"	242	31/07	FB*
1660	0400	WWRU Jersey City NJ. EE ID, Korean px	242	04/08	FB*

Asia

1521	1950	China R Int, Hutubi, Xinjiang. Chinese song, closing anns in RR, CRI theme tune prior to scheduled sign-off at 2000; cross-fading with Saudi and R Panj but some good peaks; first time heard on British-based receiver this season (# Grimsby)	422	18/08	TR#
1566	2258	All India R, Nagpur, India. Nx in VV // with delay SW 9380	333	17/08	RP*

Middle East & Caucasus

702	1945	BBC World Service, Al Seelah, Oman AA	444	23/08	DJG
702	1945	Pars Today, Kiashahr, Iran RR	444	23/08	DJG
1044	1830	IRIB, Dehloran, Iran. ID "Inja Radio Ilam", nx in Farsi, but cl/d at 1844	322	14/08	RP*
1071	2337	R Al Nour, Syria. ID in AA "Idaatu Al Nour" & talks in AA	533	02/08	RP*
1206	2300	KAN Bet, Haifa, Isarel. ID and news	333	11/08	FB*
1206	0100	SBC, R Jeddah, Aflaj, Saudi Arabia. ID and news, mixed with KAN Bet	222	12/08	FB*
1269	0047	IRIB, R Ardabil, Iran. Often ID in VV // 1197,1512	232	13/08	RP*
1377	1900	Trans World R, Gavar, Armenia. Arabic px, IS, ID	343	10/08	FB*
1512	2007	IRIB, Ardabil, Iran (pres). Discussion, Persian mx, Qur'an, religious talk, many mentions of Iran, Persian; dominant (# Grimsby)	433	18/08	TR#
1512	2050	SBC, Holy Qur'an, Jeddah, Saudi Arabia. AA // 11820; cross-fading with presumed Iran with talk in Persian (# Yeovil)	323	05/08	TR#
1539	2055	IRIB, Iran (pres). Middle-Eastern style mx audible under Spain, presume this to be Iran (# Grimsby)	211	18/08	TR#
1548	2338	IRIB, R Iran on odd freq, bad for Gold UK	422	20/08	RP*

Africa

819	0014	ERTU, Egypt (pres). Mx, talk, AA; weak, fading	222	06/08	SC
864	0013	ERTU, Holy Koran, Egypt. Prayers, talk, AA; good	444	01/08	SC
981	2336	R Algerienne. Talk, mx, AA; continuous noise, fading	333	12/08	SC
1422	2349	R Algerienne, Alger. Mx, AA; good, moderate noise	433	27/07	SC
1431	2345	R Sawa, Djibouti. ID in AA & nx // 990 Cyprus	422	02/08	RP*
1476	2200	ERTU, El Minya, Egypt. Koran px, ID	333	10/08	FB*
1550	2035	Nat R of the SADR, Rabouni. Some kind of AA recitation; poor with splash from 1548 but heard better on Alicante SDR in Spain (# Yeovil)	322	05/08	TR#
1550	2339	Unid with sermon in AA, possible R.N.de la RASD, Algeria?	322	02/08	RP*

Europe

531	2215	Kringvarp Foroya Utvarpid, Faroe Islands. Mx - Faroese C&W songs	strong	25/07	DD
549	0023	R Slovenia. Info on temperatures there. Not // 648	232	02/08	RP*
558	0056	RNE, Spain. Talk, ID, SS; good, slight noise	433	08/08	SC
567	0044	RNE, Spain. Talk, ID, SS; continuous co-channel interference	433	20/08	SC
576	2250	RNE, Barcelona, Spain. Talk, ID, SS; moderate noise	443	02/08	SC
585	0049	RNE, Madrid, Spain. Talk, ID, SS; slight co-channel interference BBC	544	01/08	SC
603	0043	RNE, Spain. Talk, ID, SS; much interference	322	08/08	SC
612	2300	RNE, Spain. Talk, music, pips at 2300, news, ID, SS	443	02/08	SC
621	2354	RNE, Spain. Talk, ID, pips ID at 0001, SS	433	06/08	SC
639	2316	RNE, Spain. Talk, music, ID, SS; moderate noise	433	02/08	SC
657	0005	RNE, Spain. ID, SS; moderate co-channel interference, fading	222	05/08	SC
684	0001	RNE, Sevilla. News, ID, SS; excellent signal	544	03/08	SC

711	0004	COPE, Murcia, Spain. Talk, music, ID, SS; slight noise	443	10/08	SC
729	0021	RNE, Spain. Talk, news, ID, SS; continuous co-channel interference	333	03/08	SC
738	0038	RNE, Barcelona, Spain. Talk, music, ID, SS; excellent signal	554	03/08	SC
747	2230	RNE, Spain. Talk, music, ID, SS; slight fading, continuous noise	333	03/08	SC
747	1500	R Seabreeze AM, LV Jenni Baynton, Netherlands. Dutch presenter, tnx to Paul Golder for ID - went from Dutch to English at 1700.	weak	25/08	NR
783	0013	COPE, Barcelona, Spain. Music, talk, ID, SS; moderate co-chan QRM	333	07/08	SC
792	0028	SER, Sevilla?, Spain. Talk, ID, SS; continuous noise, slight QRM	333	07/08	SC
810	1405	R Macedonia. "Unchained Melody" by Righteous Bros	454	18/08	RP*
837	0038	COPE, Spain. Music U2 "One Love One Life", ID, SS; continuous noise	433	07/08	SC
855	0005	RNE, Spain. News, ID, SS; much co-channel interference	333	08/08	SC
864	2356	RNE, Spain. Talk, music, news, ID, SS; slight co-channel from Egypt	333	12/08	SC
900	2327	RAI, Milano, Italy. "Ground Control to Major Tom", ID, Italian; good	444	03/08	SC
918	0012	R Intereconomia, Madrid, Spain. Music, talk, ID, SS; moderate noise	433	04/08	SC
956	0035	Onda Cero R, Madrid, Spain. Talk, dance music, pips at 0100, ID, SS	444	04/08	SC
963	1800	CyBC, Cyprus. ID in Greek "Etho Proto Programa" & nx	322	31/07	RP*
990	0103	SER, Spain. Talk, ID, SS; good signal	544	04/08	SC
999	2327	COPE, Madrid, Spain. News, pips at 2330, ID, SS; good, clear	544	05/08	SC
1008	2328	Good Neiwus R, Neths. Easy listening music, ID, Dutch; very slight noise	544	05/08	SC
1017	2305	RNE, Spain. News, ID, SS; much co-channel interference	333	14/08	SC
1026	2322	SER, Spain. ID, SS; continuous noise, co-channel interference	443	07/08	SC
1044	2320	SER, San Sebastian, Spain. Talk, pips at 2300, SS; moderate noise	433	28/07	SC
1080	2335	SER, Spain. Talk, ID, SS // 1044; continuous nose	333	07/08	SC
1125	2348	RNE, Spain. Talk, ID, SS; continuous noise, moderate interference	322	09/08	SC
1134	0020	COPE, Spain. ID, SS; weak, much co-channel interference	322	06/08	SC
1179	0052	SER, Spain. Talk, ID, SS; much co-channel interference	433	06/08	SC
1224	1855	COPE, Palma de Mallorca, Spain. Local ID, ads	232	01/08	FB*
1269	2326	COPE, Spain. Talk, football goal, ID, SS; moderate noise	443	14/08	SC
1314	2335	RNE, Spain. Talk, music, ID, SS; moderate noise	433	08/08	SC
1350	2055	I Am R, Italy. Pop mx, ID, closed 2100	fair	13/08	DD
1395	0100	R Seabreeze, Grou, Netherlands. ID	232	12/08	FB*
1404	0138	ERA, Komotini, Greece. Cosmos px in Greek // SW 9420	533	16/08	RP*
1404	0258	SRR R Sighet, Romania. Choral anthem, pips, "Radio Sighet" IDs	343	20/08	AP
1485	0520	SER, R Zamora, Spain. Local px, ID and news	333	20/08	FB*
1539	0520	SER, R Elche, Spain. Ads, ID, weather	232	21/08	FB*
1593	2243	Bretagne 5, France. Easy listening music, talk, ID, FF; moderate noise	444	27/07	SC
1602	0520	SER, R Segovia, Spain. Local px, ID, weather, news	333	20/08	FB*
1611	2030	R Northern Star, Norway. Full sung/spoken ID, oldies. //5985	fair	25/08	NR

British Isles

756	0005	BBC R4, Redruth. Shipping Forecast, National Anthem, pips, ID	544	15/08	SC
828	2349	Smooth R. "This is Smooth playing your relaxing music mix", ID	322	08/08	SC
828	1252	BBC Asian Network, Wolverhampton. Wolves back in Premier League	433	10/08	SC
846	0040	R North, Redcastle. Music: Bryan Adams, ID; good, moderate noise	443	01/08	SC
855	1227	BBC R Lancashire, Preston. Music: George Michael, ID; excellent signal	555	25/07	SC
882	1244	BBC R Wales. Music: Cher, ID; moderate noise	332	25/07	SC
882	0900	BBC R Wales. News about Nasa's probe to go near the sun	444	12/08	SB
945	0005	Smooth R, Bexhill. Music, ID; fading, moderate interference	333	01/08	SC
972	2349	Sunrise R, West London. Ads: Gulliver's World Milton Keynes, ID	433	28/07	SC
981	0400	R. Star Country, Ireland. News and weather	343	01/07	SD
999	1054	Rock FM 2, Preston. Music: Gloria, ID; slight noise	443	30/07	SC
1017	1256	Free Radio 80's, Shrewsbury. Brian Ferry: Jealous Guy, ID	333	25/07	SC
1026	1049	Downtown R, Belfast. "Caroline Fleck on Downtown Radio", ID	433	30/07	SC
1035	2335	Lyca Dilse, London. Music, ID; good, slight co-channel interference	333	28/07	SC
1116	1305	BBC R Derby. Scandal at Derby Hospital, ID; moderate noise	443	25/07	SC
1152	1311	Key 2, Manchester. Music: Dock of Bay, ID; moderate noise	444	25/07	SC
1161	2240	Tay 2, Dundee. Music: Madonna, ID; moderate co-channel interference	333	28/07	SC
1161	2245	Smooth R, Swindon. Late Show; fading in over Tay 2, ID	322	28/07	SC
1170	1533	Signal 2, Stoke. Music: Beatles "Love Me Do", Ads, ID	544	25/07	SC

1215	2348	Absolute R, multi-site. Depeche Mode song	322	02/08	RP*
1260	1550	Smooth R, Wrexham. Travel news, music, ID; slight noise	444	25/07	SC
1278	1240	Pulse 2, Bradford. "Live from Broadway in Bradford", ID; moderate noise	433	10/08	SC
1341	1013	BBC R Ulster, Lisnagarvey. Easy listening music, talk, ID	544	30/07	SC
1377	1251	Asian Sound R, Ashton Moss. Ads, ID; continuous noise	333	10/08	SC
1368	1610	Manx R, Foxdale. Sport activities for children, ID; moderate noise	444	25/07	SC
1395	2008	Energy Power AM, Dublin.	343	01/07	SD
1431	2226	Smooth R, Southend. Music: Boys to Men, ID; moderate noise, QRM	433	28/07	SC
1458	1623	Gold, Manchester. "Gold Rush", ID; excellent signal	555	25/07	SC
1485	0905	BBC R Merseyside. "Snelly in the Morning", ID	545	24/07	SC
1548	2343	Gold, London. Spencer Davis Group " Gimmy..."	422	02/08	RP*
1557	2328	Smooth R, Northampton. Music: Dance with my Father, ID; poor audio	333	27/07	SC
1566	2307	BBC Somerset, Taunton. ABC "Look of Love", Late Show, ID; fading	433	27/07	SC
1584	2255	Panjab R, London. Sky News at 12, ID; slight co-channel interference	443	27/07	SC

Community Radio

0810	648	R Caroline, Orfordness (CR).	343	01/07	SD
------	-----	------------------------------	-----	-------	----

Dan Goldfarb writes, It will take a couple of months to sort out but I will by mid-winter be changing my equipment. A second hand E1 has been bought. I will eventually attach it to a motorised Wellbrook AL1530LN. So much work and expense is involved in the project to get the E1 to be properly set up that the combination of my 2001D and Mauno's Finnish Perseus will continue for some time! The 2001D will then become a spare.

Thanks to everyone who's contributed this month. Until next time, 73s, **Susan**

NRC AM Radio Log 39th Edition is now available



The National Radio Club, the world's oldest and largest broadcast band DX club, is proud to announce the publication of the 39th edition of the AM Radio Log. The AM Radio Log is a source for information on AM radio stations in the United States and Canada. It contains 302 pages of data and cross references and 12 pages of instructions in 8 1/2" x 11" size, 3-hole punched, U.S. loose leaf format. It fits nicely into a 1" three-ring binder. 10,000+ updates since last year's 38th edition of the Log! New for this year is a cross reference by State/Province in frequency order - ideal for targeting needed areas. Additional reference lists include call letters of FM simulcasts, listings of regional groups of stations, a cross reference of those stations that are licensed to use IBOC digital audio, and a comprehensive list of FM translators that are simulcasting with AM broadcasters.

To the United States (Priority Mail):
NRC members \$26.95, non-members \$32.95

To Canada (Global Priority Mail):
members/non-members US\$40.25

Outside US/Canada (Global Priority Mail):
members/non-members US\$51.25

Order by snail mail by check or money order in US funds to National Radio Club, PO Box 473251, Aurora,

CO 80047-3251, USA or order by using your PayPal account at <http://www.nationalradioclub.org/>



Tropical Bands Logbook

Edited by Alan Pennington – tropical@bdxc.org.uk



kHz	UTC	Station, programme details, language etc	SIO	Date	Init.
3215	0120	WWCR, Nashville TN, USA - EE religious talk, not //WWCR 4840	352	04/08	APD
3215	0205	WWCR, Nashville, TN, USA - English religious talk, not //4840	252	22/08	APD
3215	0246	WWCR Nashville TN, USA – EE religious talk.	252	20/08	AP
3320	0135	R Sonder Grense, Meyerton, S Africa - Afrikaans talk	252	04/08	APD
3320	0210	R Sonder Grense, Meyerton, S Africa - Afrikaans ann, music	252	22/08	APD
3320	2015	R Sonder Grense, Meyerton. Classical mx, Afrikaans (# J'burg)	444	05/08	TR#*
3320	2354	Sonder Grense, South Africa – songs, anns in Afrikaans.	353	15/08	AM
3325	2000	Vo Indonesia, Palangkaraya - end of German service, multilingual ID's and into French (# Jakarta)	444	05/08	TR#*
3330	0248	CHU Ottawa, Canada – time pips & pulses, IDs, time anns.	253	20/08	AP
3345	0301	Channel Africa, Meyerton, S Africa - starting px in EE, ID, nx	252	17/08	RP
3915	2200	BBC WS via Singapore – pips, ID, news: Italian bridge disaster. EE	343	15/08	AM
3915	2231	BBC WS, Kranji - Male presenter, News EE	252	12/08	SHo
3955	2005	KBS via Woofferton, UK - GG speech	555	12/08	SHo
3965D	2000	R France Int - Couleurs Tropicales, talk about a mx festival. FF.	15dB	15/08	ARo
3975	1644	Shortwave R, Germany – heard daily in July //6160.	555	31/07	SD
3975	2006	Short Wave Radio, Winsen - Mx and male presenter, EE	252	12/08	SHo
3975	2100	Shortwave R via Winsen - Shaun Geraghty's "ProgMill". EE	343	04/08	ARo
3975	2129	Shortwave Radio, Germany – Shaun Geraghty's mx prog. //6160	443	15/08	AM
3985	1700	R Mi Amigo Int via SW Service, Kall – logged 2-4 July; 23-26 July and 30-31 July.	555	31/07	SD
3985	1900	R Slovakia Int via Kall - Nx; Slovakia Today. EE	343	15/08	ARo
3985	1930	R Tirana via Kall - Nx; Report; Modern Albanian song. GG	433	13/08	ARo
3985	2030	R Tirana via Kall - Nx; Modern Albanian songs. II	544	02/08	ARo
3995	0002	Life FM Cork via HCJB Germany – Irish news (fluttery signal), EE.	343	12/08	AM
3995	0230	Life FM, via HCJB, Weenermoor, Germany - English talk about a religious publication in Ireland, hymn.	353	18/08	APD
3995	1320	HCJB, Weenermoor - German religious talk about "Heimat" //5920	252	13/08	APD
3995	2007	HCJB, Weenermoor - GG speech	252	12/08	SHo
3995	2145	HCJB Deutsche via Weenermoor - Ichtys Radio Live. mx. GG	333	18/08	ARo
3995	2231	Life FM Cork via HCJB Germany – EE chat about Nixon/Kennedy.	453	21/08	AP
4010.1	0025	Kyrgyz R1, Kyrgyzstan – list of FM freqs in Kyrgyz, music.	342	12/08	AM
4010.11	0050	Birinchi R, Krasnaya Rechka, Kyrgyzstan - Kyrgyz talk, CWQRM	222	05/08	APD
4749.99	1957	CNR 1, China – CC "The Wind That Shakes the Barley".	353	15/08	TW*
4750	1530	Bangladesh Betar, Dhaka - ID, then into EE with nx headlines, nx, sport, commentary, ID and back in Bangla at 1545 (# Qatar)	343	20/08	TR#*
4765	0015	Tajik R 1, Yangiyul, Tajikistan - Tajik talk, local folk song	353	05/08	APD
4765	0140	R Progreso, Bejucal, Cuba - Spanish ann, Cuban songs	353	04/08	APD
4765	0243	R Progreso, Cuba – Cuban songs, ballads. SS.	242	20/08	AP
4765	0345	R Progreso, Cuba - Cuban mx and talk by YL&OM. SS	232	02/08	ARo
4800	0020	AIR, Hyderabad, India - Telegu ann, Indian folk song	353	05/08	APD
4800	0034	AIR Hyderabad, India – news in Hindi, ann, news in EE, ID.	322	18/08	AM
4800	2231	CNR, Golmud, China - Man in CC with speech and guitar mx	222	02/08	KOD
4810	*0023	AIR, Bhopal, India - I/S, Hindi ann, Vande Mataram hymn, songs	353	05/08	APD
4810	0029	AIR Bhopal, India – Indian song, news in Hindi, song.	222	12/08	AM
4810	1545	PR of Armenia, Yerevan - IS, anthem, ID, familiar intro tune, then into px in Greek; better than co-channel AIR Bhopal (# Qatar)	423	12/08	TR#*
4810	1550	AIR, Bhopal - Indian mx, Nx in EE at 1730, off at 1741; clear as Armenia seemingly missing on this day (# Central Ukraine)	343	20/08	TR#
4810	1813	Public Radio Armenia – closing anns. Farsi, IS, NA, ID, news in AA	354	17/08	AM
4820	2225	Xizang PBS, Lhasa – Chinese song, instrumental mx. best LSB.	343	21/08	AP
4840	0055	WWCR-3, Nashville - Male presenter, EE	252	09/08	SHo

4840	0125	WWCR, Nashville, TN, USA - EE religious talk quoting the Bible	453	13/08	APD
4840	0155	WWCR, Nashville, TN - ads, 0200 ID: "WWCR", talk about a video	352	22/08	APD
4840	0239	WWCR Nashville TN, USA – EE rel talk (no Infowars?)	453	20/08	AP
4840	0410	WWCR, Nashville, TN, USA - interview with Alex Jones (whose pxs the NY Times (+some social media) regard as "Hate Speech"). EE	453	08/08	APD
4840	0459	WWCR, Nashville, USA - Man in EE with religious talk	222	03/08	KOD
4885	1835	Echo of Hope, South Korea – talk in KK, song by YL //6250, 9100	232	11/08	AM
4905	2334	Xinjiang, Lhasa, China – talk over background music in VV //4920	343	27/07	AM
4885	2311	R Clube do Para, Belem, Brazil - Man in PP with song	222	11/08	KOD
4885.02	0145	R Clube do Pará, Belém, Brazil - Portuguese talk	252	04/08	APD
4885.02	0235	R Clube do Pará, Belém, Brazil - Portuguese talk	252	18/08	APD
4905	2203	Xizang PBS, Urumqi - Woman in VV with song	222	04/08	KOD
4910	0030	AIR, Jaipur, India - Hindi ann, news, CW QRM in LSB and AM.	222	05/08	APD
4920	0033	AIR, Chennai, India - Tamil news, music, 0035: English news	353	05/08	APD
4920	0035	AIR Chennai, India – ID, news in EE, ID.	333	12/08	AM
4920	0051	PBS Xizang, Lhasa-Baiding - Tibetan mx	252	09/08	SHo
4920	0120	AIR, Chennai, India -Tamil talk - nearly faded out. (No carrier of R La Voz del Pueblo, Peru)	251	13/08	APD
4920	2335	Xinjiang, Lhasa, China – talk over background music in VV //4905	342	27/07	AM
4930J	0416	VOA via Botswana – in African VV. Jammed(?) so best LSB.	222	23/08	AP
4940	0930	Vo the Strait, Fuzhou, Fujian, China – s/on, 0932: “Focus on China” in English. YL talks on Chinese culture. Sat only (#SDR Shandong) good	25/08		DK#
4949.72	2110	R Nacional de Angola, Luanda - Phone-in & discussion px in PP, hilife music, time pips at 2200, news; weak/clear but improved slightly as darkness fell over receiving location (# Pardino, Brazil)	233	20/08	TR#*
4949.8	2354	R Nacional, Angola – music, time pips, ann in PP. music.	242	18/08	AM
4950	0300	RN de Angola - ID & nx in PP, 0310+: rumbling with carrier(AIR?)	353	18/08	RP
4960	0405	VOA via Sao Tome – “Daybreak Africa” news rpts in EE //5925.	353	23/08	AP
4965	1844	Voice of Hope Africa, Zambia – religious discussion in EE, song.	252	15/08	AM
5010	0037	AIR Trivandrum, India – news in EE, ID //4800.	232	18/08	AM
5010	0038	AIR, Thiruvananthapuram, India - EE news //4920, 0040 Malayalam talk. QRM from R Miami Intl playing mx. (also 4/8 @ 0115 SIO252)	332	05/08	APD
5010	1515	All India R, Thiru'puram - px in Indian language with Indian mx, news in English at 1530 (# Qatar)	343	12/08	TR#*
5025	0150	R Rebelde, Bauta, Cuba - Spanish ann, lively Cuban songs	454	04/08	APD
5025	0237	R Rebelde, Cuba – EE pop: “One Kiss is all it takes”.	353	20/08	AP
5025	0240	R Rebelde, Bauta, Cuba - Spanish talk, CW QRM.	232	18/08	APD
5025	0420	R Rebelde, Cuba - Cuban ballads. SS	232	02/08	ARo
5025	0511	R Rebelde, Cuba - Man in SS with song	222	29/07	KOD
5025	0533	R Rebelde, Cuba – Cuban ballads, SS.	453	23/08	AP
5040	0053	R Havana, Cuba - SS speech.	252	09/08	SHo
5040	0155	R Habana Cuba, Bauta - SS talk about Cuban- Bolivian relations	454	04/08	APD
5040	0215	R Habana Cuba, Bauta - Spanish talk	252	22/08	APD
5040	0502	R Havana, Cuba - ID by man in EE with nx then mx	222	29/07	KOD
5040	0525	R Havana, Cuba – Mailbag show, EE //6165, 6000, 6060.	353	23/08	AP
5040	0535	R Havana Cuba - Music with a Message: Bob Dylan. EE	333	11/08	ARo
5040	2330	R Havana, Cuba – Upgrading Cuban railways, ID, English.	343	28/07	AM
5050	0045	WWRB, Morrison TN, USA - EE rel. conversation about the Church	353	05/08	APD
5050	0230	WWRB Morrison TN, USA – US EE religious talk.	353	20/08	AP
5085	0236	WTWW Lebanon TN, USA – Greatest Hits of All Time, oldies EE	353	20/08	AP
5129.83	0220	WBCQ, Monticello, Maine, USA – EE rel talk - back on former freq	252	22/08	APD

= logs heard using online SDRs (location stated in each log); * = logs heard outside Europe.

Thanks to all our regular contributors for your logs!

ShortwaveRadio (Germany) on 3975 kHz publishes their detailed weekly schedule online at <http://shortwaveradio.de/schedule/>. Currently daily: 1600-1700 UTC Media Network (vintage tapes); 1700-2000 Stafford's World & 2000-2200 Shaun Geraghty's The Prog Mill (// 6160 kHz).

Until next month, 73s and Good DX! Alan



HF Logbook



Edited by Stephen Howie - hfl@bdxc.org.uk

Analogue

<u>kHz</u>	<u>UTC</u>	<u>Station, programme details, language, etc</u>	<u>SIO</u>	<u>Date</u>	<u>Init.</u>
5825	2047	VO Report of the Week via WRMI. OM EE, ID, comm, pop	343	28/07	MLF
5830	0614	WTWW, Lebanon, USA. Religious text, EE	343	03/08	DJM
5830	1815	UNID. Poor signal, pop songs	252	18/08	RP
5840	0710	World Music R, Denmark	343	01/07	SD
5840	1907	World Music R, Denmark. ID, jingles, mx	322	07/08	RJH
5840	1940	World Music R, Denmark. Reggae, Manu Chao mx, ID	433	08/08	DK
5840	2030	World Music R, Denmark. Reggae and oldies mx, EE	232	10/08	ARo
5840	2035	World Music R, Denmark. PP and EE IDs, global pop	454	04/08	APD
5840	2045	World Music R, Denmark. YL in EE, ID then pop mx	243	18/08	MLF
5840	2236	World Music R, Denmark. Cumbia song, YL with IDs, jingle	253	21/08	AP
5860	1853	R Farda via Kuwait. ID, mx, Persian	433	15/08	RJH
5875	0616	BBC WS via Ascension. FF	233	03/08	DJM
5875	2040	VO America via Thailand. OM with long KK talk	243	01/08	MLF
5905	0617	Deutscher Wetterdienst, Germany. GG, weather with YL, off	433	03/08	DJM
5919.99	2002	VO Freedom, Hwaseong, S Korea. "Beautiful Country"	453	10/08	TW*
5919.99	2002	VO Freedom, Hwaseong, S Korea. Theme song, still no jamming, (jamming noted to have returned by 24 August by TW)	353	17/08	TW*
5920	0008	WHRI, USA, Sins cannot destroy you, noise, fading, ID, EE	433	09/08	SC
5920	0227	WHRI, USA. EE, ID of VO Martyrs px // 7315	555	25/07	RP
5920	0330	WHRI, USA. Talking about believing in Jesus Christ, EE	544	10/08	ARo
5925	0400	VO America via Botswana. Nx and Daybreak Africa, EE	444	02/08	ARo
5925	0425	VO America via Botswana. EE, new born baby deaths // 4960	354	23/08	AP
5935	0626	WWCR, Nashville TN, USA. Religious talk with EE	444	03/08	DJM
5935	2022	PBS Xizang, Lhasa, Tibet. "A story of icy chrysanthemum"	353	03/08	TW*
5950	2026	KBS World R via France. OM with FF talk, ID at 2030	444	03/08	MLF
5960	2104	China R Int via Cerrick. News, EE	454	27/07	SHo
5970	0021	BBC WS via Oman. Business World px, EE	152	28/07	SHo
5970	0630	WEWN, USA (pres). SS, religious, OM, lost in noise	232	03/08	DJM
5975	0503	R Japan via Austria. EE nx, ID, 0515: 'Plug in Japan'	554	23/08	AP
5975	0505	R Japan via Austria. Japanese Life: children's play areas, EE	544	17/08	ARo
5975	0506	R Japan via Austria. YL reading the news, EE	544	02/08	SB
5975	0520	R Japan via Austria. Talk about atomic bomb, EE	444	02/08	CS
5985	2300	Myanmar R, Yangon. S/on, Burmese	232	26/07	RJH
5990	2315	China R Int via Cuba. Talk about international trade, EE	444	30/07	RJH
6000	0102	R Havana Cuba. News, EE	252	09/08	SHo
6000	0435	R Havana Cuba. DXers Unlimited, EE	444	01/08	CS
6000	0500	R Havana Cuba. EE news // 5040	343	23/08	AP
6000	2047	CNR 1, China. OMs with CC talk	243	01/08	MLF
6005	0633	BBC WS via Ascension. EE, news	322	03/08	DJM
6005	0835	R Belarus via Kall. Long talk by YL and a Belarus song, GG	232	30/07	ARo
6005	1100	R Slovakia Int via Kall. Talk on Slovak films, EE	343	19/08	DK
6020	0019	China R Int via Cerrick. Report on cups of coffee, EE	455	28/07	SHo
6030	0430	R Marti, Greenville, USA. SS talk, songs, 0500 ID + freqs	243	23/08	AP
6030	0705	R Marti, Greenville, USA. OM with SS talk, jammed in b'ground	333	11/08	MLF
6030	1853	R Oromiya, Ethiopia. OM with Oromo sx then talk	242	14/08	MLF
6040	1900	VO America via Sao Tomé. Studio 7, YL with Shona talk, ID, off	343	14/08	MLF
6050	2050	PBS Xizang, Tibet. Mx, CC	433	30/07	RJH
6055	1330	SW Service, Kall, Germany. German talk and song	151	13/08	APD
6060	0523	R Havana Cuba. Cuban mx, Mailbag in EE // 5040 6165 etc	343	23/08	AP

6065	1725	VO Hope, Zambia. Christian songs, OM in EE	333	25/07	DH
6065	1835	VO Hope, Zambia. Discover The Word, EE	333	01/08	ARo
6070	0457	Overcomer Ministry via Rohrbach. Preaching about end of world	454	02/08	SB
6070	0520	Jammin' Oldies via Rohrbach. Labelle, Chi-Lites, EE/DD/GG	454	23/08	AP
6070	0655	R Waves Int via Rohrbach. EE, ID, music	333	04/08	DJM
6070	0702	Superclan R via Rohrbach	555	01/07	SD
6070	0735	Overcomer Ministry via Rohrbach. Ann, phone no, website, EE	353	20/08	AP
6070	1335	Channel 292, Rohrbach, Germany. Non stop EE mx	354	13/08	APD
6070	1516	Overcomer Ministry via Rohrbach. Religious talk, EE	333	19/08	RJH
6070	1845	R Ohne Namen, Rohrbach. Usual 30's German mx, GG	544	31/07	ARo
6070	1900	Atlantic 2000 Int via Rohrbach. Varied EE/FF oldies, FF	353	12/08	ARo
6070	1905	R Decade AM via Rohrbach. Schlager oldies, GG	353	27/07	ARo
6070	1907	Atlantic 2000 via Rohrbach. Summer songs and other pop, FF	342	12/08	RM
6070	1920	Italian Broadcasting Co via Rohrbach. Jordan's R Corner, EE	444	01/08	ARo
6070	1930	Channel 292, Rohrbach, Germany. Jammin Oldies, GG	333	26/07	ARo
6070	2010	Uncle Bill's Melting Pot via Rohrbach. OM EE comm & mx/sx	343	14/08	MLF
6080	1816	VO America via Botswana. Economic news, OM in EE	444	26/07	DH
6080	1833	VO America via Botswana. Female presenter, EE	252	27/07	SHo
6085	0700	R Mi Amigo, Kall, Germany	555	01/07	SD
6085	1340	R Mi Amigo, Kall, Germany. EE pop songs	252	13/08	APD
6090	0320	Amhara State R, Ethiopia. Amharic conversation, mx	353	27/07	APD
6090	0631	Caribbean Beacon, Anguilla. EE religious talk	343	13/08	DJM
6090	2050	Amhara State R, Ethiopia. Amharic talk, HoA mx	~~~	04/08	APD
6090	2100	Amhara State R, Ethiopia. Amharic phone talk, local mx/sx & off	343	01/08	MLF
6090	2244	Caribbean Beacon, Anguilla. Religious talk, EE	322	30/07	RJH
6100	0517	R Havana Cuba. EE // 5040 6000, 0525: Mailbag show	243	23/08	AP
6100	1538	R Afghanistan, Kabul. Crash start at 1538 with mx in progress, talk in EE, ID, Urdu at 1700, muffled audio (# Delhi)	442	21/08	TR#*
6110	2040	R Fana, Ethiopia. YL with Amharic commentary, HoA mx/sx	243	03/08	MLF
6115	0015	WWCR 1, Nashville, USA. Report on USA economy, EE	253	28/07	SHo
6130	1656	PBS Xizang, Tibet. Sign off	444	18/08	DH
6130	1905	TWR via Swaziland. IS & long talk by OM	333	28/07	ARo
6145	2022	KBS World R via UAE. OM & YL with AA talk	343	14/08	MLF
6150	0636	R Marabu, Germany. GG OM with pop mx, ID, noisy	222	03/08	DJM
6150	0658	R Marabu, Germany. Rock music, OM in EE	444	05/08	DH
6150	0716	R Marabu, Germany.	555	01/07	SD
6150	0726	R Marabu, Germany. YL presenter playing pop oldies, EE	353	11/08	SB
6150	1345	R Marabu, Germany. EE pop songs	353	13/08	APD
6155	0530	R O1 Int, Austria. Nx headlines, classical music, GG	555	02/08	ARo
6160	1515	SW Radio, Germany. Prog Mill px on Progzilla R	343	11/08	DK
6160	1957	R 6160, Germany.	555	01/07	SD
6160	2052	Shortwave R, Germany. OM with EE talk then ID	242	03/08	MLF
6160	2127	Shortwave R, Germany. Classic rock, OM in EE	544	25/07	DH
6165	0315	VO Turkey, Emirler. News reports, song, English	453	20/08	AP
6165	0525	R Havana Cuba. Mailbag show, EE // 5040 6000 6060 6100	453	23/08	AP
6165	1743	China R Int, Beijing. Round Table px, EE	455	17/08	SHo
6180	0430	R Romania Int. Oldies mx and chat by announcer, Romanian	544	10/08	ARo
6190	0900	Hamburger Lokalradio, Germany. ID and talk by OM, GG	333	28/07	ARo
6190	1445	Hamburger Lokalradio, Germany. Glenn Hauser - DX news	343	08/08	DK
6190	2223	CNR 2, Geermu, China. CC	444	30/07	RJH
6195	1835	BBC WS via Oman. Report on Tour de France race, EE	252	27/07	SHo
6195	2018	VO America via Botswana. African Beat, EE	444	15/08	ARo
6195	2038	VO America via Botswana. African pop mx, EE	354	12/08	SHo
6195	2122	VO America via Botswana. R&B music, EE	444	25/07	DH
6195	2215	BBC WS via Singapore. News, EE	433	30/07	RJH
7120	0900	R Hargeisa, Somaliland. Sign-on with anthem, opening anns in Somali, Quran reading, presumed news (# Qatar)	333	15/08	TR#*
7120	1320	R Hargeisa, Somaliland. Start of EE segment, ID, anns, anthem, nx, mx, into pres Amharic at 1340, off at 1400 with NA (# Qatar)	343	20/08	TR#*

7120	1942	R Hargeisa, Somaliland. YL with Somali sx, AA comm, off 2000	242	28/07	MLF
7140	1033	Eritrean R, Asmara. Sign-on noted for afternoon period (# Qatar)	232	19/08	TR#*
7140	1325	Eritrean R, Asmara. Sign-on with guitar IS and ID's in different local Vernaculars, into programming at 1330 (# Qatar)	444	19/08	TR#*
7205	0325	R Omdurman, Sudan. AA talk about Islam, ham QRM	333	27/07	APD
7205	1934	R Omdurman, Sudan. OM with AA sx & local mx	242	26/07	MLF
7205	2104	China R Int, Xian. News, EE	252	27/07	SHo
7225	1344	Studio 52 via Nauen. Almost non-stop mx, ID	454	28/07	DJM
7255	1810	VO Nigeria. OM with EE talk about local issues	242	14/08	MLF
7280	1627	VO Vietnam. Local mx, EE	253	09/08	SHo
7280	1845	VO Vietnam. Local mx // 9730	455	29/07	DJM
7280	1903	VO Vietnam. Colourful Vietnam px on marriage, EE	544	13/08	ARo
7280	1913	VO Vietnam. Political discussion, YL in EE	444	03/08	DH
7280	1939	VO Vietnam. Personality of the Week, QRM, ID, EE	333	20/08	SC
7285	2105	China R Int via Cerrick. Roundtable px, EE	455	27/07	SHo
7290	0022	BBC WS via Tashkent. Business World px, EE	243	28/07	SHo
7290	0031	BBC WS via Tashkent. Business Matters, nx, fading, ID, EE	444	09/08	SC
7290	1805	R City via Romania or Bulgaria? Oldies music, EE	353	17/08	ARo
7290	1835	IRRS SW via Romania. OM with EE ID then pop	343	03/08	MLF
7310	1020	R Mi Amigo via Kall	343	01/07	SD
7310	1020	R Mi Amigo via Kall. Germany mx, EE (Sat/Sun only on 7310)	343	19/08	DK
7310	1105	R Mi Amigo via Kall. Male presenter, EE	152	28/07	SHo
7310	1309	R Mi Amigo via Kall. // web, 60s music	151	11/08	DJM
7325	2216	R Romania Int. Moderate noise, ID, EE	433	20/08	SC
7325	2230	R Romania Int, Tiganesti. Female singer, EE	454	12/08	SHo
7335	0132	UNID. OM talking, Spanish mentions of Cuba [pres R Marti – ed]	555	30/07	RB
7335	0600	R Marti, Greenville, USA. Px: "RM en el aire", SS	533	11/08	ARo
7335	0600	R Marti, Greenville, USA.	454	03/08	DJM
7345	0635	BBC WS via Ascension. News magazine, "Weekend", EE	333	11/08	ARo
7350	2345	China R Int. BP to add 100 gas stations in China, ID	554	14/08	SC
7360	0130	BBC WS, UK. Unknown language	555	30/07	RB
7360	2005	Vatican R. African news, OM in EE	544	26/07	DH
7375	0016	R Romania Int. Romanian tourist industry, EE	455	08/08	SHo
7375	0128	R Romania Int. Playing music	555	30/07	RB
7375	2020	AWR via Guam. YL with RR talk	343	26/07	MLF
7415	2107	China R Int, Kashi. Roundtable px, EE	454	27/07	SHo
7430	0245	All India R. "Morning News" in EE, ID // 7505	252	17/08	RP
7445	1623	BBC WS via Madagascar. Sports, EE	433	29/07	RJH
7445	1705	BBC WS via Madagascar. News, YL in EE	444	03/08	DH
7445	1835	BBC WS via Madagascar. OMs with EE talk about Ghana	343	14/08	MLF
7445	1836	BBC WS via Madagascar. Report on Tour de France race. EE	252	27/07	SHo
7485	1956	VO America via Tinian. YL with EE ID at 1956 in KK px	242	26/07	MLF
7505	0605	WRNO, New Orleans, USA. ID, EE, contact details, country mx	343	03/08	DJM
7505	0705	WRNO, New Orleans, USA (pres). Music and ann by OM	141	02/08	ARo
7550	1855	All India R, Bangaluru. Music, EE	433	29/07	RJH
7725	1848	CNR 1, China. CC, rumbling with Zeppelin R on 7725.5	322	02/08	RP
7750	1440	Warsan R, Baydhabo (pres). Relay of BBC Somali // 12095, weak but audible on USB (# Qatar)	232	19/08	TR#*
7780	0125	AWR via WRMI. OM talking	555	30/07	RB
7780	0205	R Prague via WRMI. Px, 50 Years of Soviet invasion of Cz, EE	353	18/08	RP
7780	2358	WRMI, USA. ID by Bob Zanotti (Switzerland)	353	02/08	RP
9265	2109	WINB, USA. Religious talk, EE	322	26/07	RJH
9265	2203	WINB, USA. OM preaching in monotone voice, EE	232	18/08	ARo
9320	1630	UNID test. Reggae mx, very weak (# Johannesburg)	141	23/08	TR#*
9320	1642	UNID test. Reggae mx, good but distorted audio (# Ukraine)	444	23/08	TR#
9320	1650	UNID test. Test tx to Africa reported via Bulgaria, Reggae mx	243	23/08	DK
9320	1655	UNID test. Reggae mx, fair (# Qatar)	343	23/08	TR#*
9320	1900	UNID test. Reggae mx, good reception (# Qatar)	444	23/08	TR#*
9320	1905	UNID test. Nothing audible (# Johannesburg)	~~~	23/08	TR#*

9320	1910	UNID test. Reggae mx, fair, not as good as earlier (# Ukraine)	343	23/08	TR#
9345	1545	FEBC, Philippines. OM with Mandarin talk	343	18/08	MLF
9370	0615	R Farda via Germany. OM with Farsi comm, sx/mx	242	04/08	MLF
9380	1554	All India R, Aligarh. OM with EE talk, EE px at 1530-1600	242	20/08	MLF
9380	1732	All India R, Aligarh. Local news, YL in EE	333	07/08	DH
9380	1830	All India R, Aligarh. National Channel, EE ID and news	333	17/08	FB
9400	1558	Mighty KBC via Sofia. Station ann and close, EE	252	28/07	SHo
9400	1811	End Times Coming via Bulgaria. Romans 11:11, OM in EE	555	26/07	DH
9410	0135	BBC WS, UK. YL in EE talking about babies	555	30/07	RB
9410	2007	BBC WS, Woofferton, UK. The outrages of Trump, OM in EE	444	26/07	DH
9410	2057	BBC WS, Woofferton, UK. Newshour px, EE	353	27/07	SHo
9420	0001	VO Greece. Pronto (1 st) px in Greek, nx // MWs	454	02/08	RP
9420	1608	CNR 13, China. YL with Uighur talk & mx	243	20/08	MLF
9420	2111	VO Greece. Local male singer, EE	455	27/07	SHo
9420	2210	VO Greece. Traditional Greek music, Greek	433	18/08	ARo
9440	2040	China R Int, Kunming. Px on Stalin, EE	353	12/08	SHo
9445	1910	All India R. Yoga on Radio, EE	333	20/08	ARo
9470	0100	China R Int, Kashi. News, EE	454	09/08	SHo
9475	2228	WTWW 1, Lebanon TN, USA. Rel broadcast, EE	252	12/08	SHo
9480	2000	R Japan, Yamata. Domestic px, // 594 kHz (NHK-1 Tokyo)	353	02/08	TW*
9510	1014	IRRS via Romania. Religion, OM in EE	444	19/08	DH
9515	1550	KBS World R, Kimjae, S Korea. Female presenter, EE	252	01/08	SHo
9540	0258	R Sultanate of Oman. Drums, march, ID & nx in EE @ 0300	252	17/08	RP
9570	0137	China R Int. EE, OM talk about finance, // 9470 9675	555	30/07	RB
9590	1410	R Taiwan Int. RR, interfering with Myanmar(?) in VV	242	02/08	RP
9600	1830	China R Int, Beijing. Travel px, EE	353	27/07	SHo
9620	0624	R Algerienne via France. OM with AA comm, chants & sx	444	11/08	MLF
9620	2031	VO Turkey. News, YL in EE	444	26/07	DH
9635	2050	VO Turkey. YL with EE comm & ID,	444	14/08	MLF
9650	0700	R Guinee, Guinea. FF, African mx	243	04/08	DJM
9650	0758	R Guinee, Guinea. FF px, ID: "Radio Guinée la grande maison"	243	06/08	FB
9675	0100	China R Int, Kashi. News, EE	454	09/08	SHo
9685	1500	Ilbon-e Baram via Paochung. Korean px // 9975	242	12/08	FB
9700	0535	R Romania Int. YL with nx	555	01/08	CS
9705	2004	Vatican R. Religious talk, EE	444	28/07	RJH
9705	2005	Vatican R. African news, OM in EE	544	26/07	DH
9710	0140	UNID. YL talking in Spanish [pres China R Int – ed]	555	30/07	RB
9720	1117	SLBC, Sri Lanka. ID in Hindi, folk songs	252	17/08	RP
9720	1759	Dimtse R Erena via Bulgaria. OM with Tigrinya ID & off	343	14/08	MLF
9730	1626	VO Vietnam. Local mx, EE	333	09/08	SHo
9740	1500	Living Waters Ministry via Tashkent. OM with KK ID, mx, comm	132	08/08	MLF
9745	0450	R Bahrain. Non-stop pop songs in AA & EE, 2 nd or Shabab px?	252	19/08	RP
9755	1900	Madagascar World Voice. IS, RR	333	29/07	RJH
9755	1920	Madagascar World Voice. OM with RR ID then EE sx in RR px	243	28/07	MLF
9760	2223	R Romania Int. Feature on bio-diesel, ID, EE	544	20/08	SC
9760	2229	R Romania Int. Female singer, EE	454	12/08	SHo
9785	1550	KBS World R, Kimjae, S Korea. Female presenter, EE	152	01/08	SHo
9785	1915	VO Turkey. Anns & s/off, EE	555	17/08	RJH
9790J	1806	Strange Vietnamese type jamming vs UNID	252	31/07	RP
9795	1550	KSDA, Agat, Guam. Korean px, religious song	333	19/08	FB
9810	1703	Bible Voice via Austria. Archaeological excavations, OM in EE	433	03/08	DH
9810	1923	VOIRI, Iran. Station ID and frequencies, OM in EE	544	03/08	DH
9810	2000	VOIRI, Iran. Political commentary, EE	444	28/07	RJH
9820	1530	CNR 2 , Xian, China. YLs with CC talk, IS at 1530	243	18/08	MLF
9820	2115	CNR 2 , Xian, China. YL talking, CC	433	30/07	RJH
9830	2235	VO Turkey. Question of the Month, slight noise, ID, EE	544	20/08	SC
9860	0520	R Japan. YL and OM with talk about dancing, EE	444	01/08	CS
9860	2125	CNR 1, Beijing, China. Music, CC	433	30/07	RJH
9870	0139	UNID. Spanish music [pres VO Turkey in SS – ed]	555	30/07	RB

9910	1835	All India R. EE, political talk, ID, music	232	29/07	DJM
9920	1920	R Thailand. News about the banks, EE	455	07/08	CS
9920	1931	R Thailand. Trust in Thailand, moderate noise, ID, EE	433	20/08	SC
9920	1953	R Thailand. Mx, EE	544	28/07	RJH
9920	2037	R Thailand. News, OM in EE	444	26/07	DH
9940	1935	TWR via Swaziland. OM with Lingala talk	243	28/07	MLF
11290	1000	R Japan via France. YL with JJ comm/sx, OM with JJ ID & off	333	11/08	MLF
11530	0720	Denge Welat via Moldova. Pleasant Kurdish mx, Kurdish	333	02/08	ARo
11530	0946	Denge Welat via Moldova. OM with Kurdish talk	243	11/08	MLF
11530	1048	Denge Welat via Moldova. Kurdish	333	29/07	RJH
11550	1600	UNID test. Reggae mx, fairish, off at 1615 (# Qatar)	243	23/08	TR#*
11550	1605	UNID test. Reggae mx, very weak, off at 1615 (# Johannesburg)	142	23/08	TR#*
11550	1930	UNID test. Reggae mx, fair (# Ukraine)	343	23/08	TR#
11560	1615	All India R, Bangaluru. YL with RR ID at s/on then talk	343	18/08	MLF
11600	1520	Overcomer Ministry via Bulgaria. Religious, EE	444	19/08	RJH
11610	1554	China R Int, Kashi. Station ann, EE	353	01/08	SHo
11630	1645	CNR 17, China (pres). Modern, presumably Kazakh mx, Kazakh	333	09/08	ARo
11635	1024	China R Int, Beijing. Language café px, EE	252	27/07	SHo
11645	1620	VO Korea, Pyongyang, N Korea. Female newsreader, EE	252	09/08	SHo
11655	1630	IBRA R via UAE. OM with AA talk, off at 1630	243	18/08	MLF
11689.88	2020	Scandinavian Weekend R, Virrat, Finland. VV ann, EE pop//5980	353	04/08	APD
11700	0737	R France Int, Issoudun. FF, African nx	555	04/08	DJM
11710	2140	CNR1, Beijing, China. Music, CC	222	30/07	RJH
11735	1457	Zanzibar BC, Tanzania. Sign-on with drum IS, 5 + 1 time pips at 1500, ID "ZBC", opening mx & anns in Swahili (# Qatar)	444	19/08	TR#*
11735	1810	Zanzibar BC, Tanzania. End of the news, YL in EE	433	26/07	DH
11735	1830	Zanzibar BC, Tanzania. Non-stop African rhythms, Swahili	333	31/07	ARo
11745	1652	R Al-Azm, Saudi Arabia. OM with AA talk	242	18/08	MLF
11745	1730	Channel Africa, Meyerton, S Africa. Male presenter, EE	252	08/08	SHo
11750	1645	SLBC, Sri Lanka. YL with Sinhala talk, OM with ID	343	18/08	MLF
11765	1442	China R Int, Urumqi. Summer sweet treats, EE	252	26/07	SHo
11775	2145	Caribbean Beacon, Anguilla. Religious talk, EE	322	30/07	RJH
11780	1649	TWR via Moldova. YLs with Somali talk	444	18/08	MLF
11790	1645	RFE/RL via Germany. YL with Uzbek talk, ID at 1645	343	26/07	MLF
11800	1950	AWR via Germany. ID, AA	333	28/07	RJH
11810	1708	R Romania Int. Militarisation of the Black Sea, OM in EE	444	03/08	DH
11810	1732	R Romania Int. Choir mx, EE	453	08/08	SHo
11810	1739	R Romania Int. DX Mailbag (on 19/08 Listener's Letterbox), EE	232	18/08	RP
11810	1800	BBC WS via Ascension. Opening and news, EE	252	17/08	SHo
11810	2007	BBC WS via Ascension. The outrages of Trump, OM in EE	443	26/07	DH
11810	2102	BBC WS, Woofferton, UK. News, EE	252	27/07	SHo
11810	2320	CNR 8, China. Minorities in Mongolian // 9610	252	02/08	RP
11815	1442	China R Int, Urumchi. Summer sweet treats, EE	253	26/07	SHo
11830	0625	R France Int. Paris Live including Spotlight on Africa, EE	544	07/08	ARo
11830	0645	R France Int. African news, YL in EE	544	22/08	DH
11830	1930	Dandal Kura Int via Issoudun. Indigenous music, VV	444	19/08	ARo
11880	2101	AWR via Moosbrunn. Rel mx and px, EE	253	27/07	SHo
11880	2116	AWR via Moosbrunn. Christian songs, YL in EE	443	25/07	DH
11880	2314	R Havana Cuba. Political commentary, ID, EE	222	07/08	RJH
11885	0800	KNLS, Anchor Point AK, USA. CC px, sign on with IS	151	07/08	FB
11885	1753	Channel Africa, S Africa. Sports news, EE	444	16/08	DH
11910	1649	VO America via S Africa. OM & YL with EE talk, ID at 1649	343	26/07	MLF
11925	1620	CNR 1, China. OM with CC commentary & local mx	242	08/08	MLF
11930	2317	R Marti, Greenville, USA. ID, SS	443	07/08	RJH
11935	1530	Vatican R. S/on, AA	333	29/07	RJH
11940	1637	China R Int. Chinese literature, slight noise, ID, EE	544	15/08	SC
11945	1843	R Japan via France. YL with JJ talk & mx/sx	343	26/07	MLF
11950	1600	AWR via Bulgaria. Mx, talk about paying for our sins, EE	333	09/08	ARo
11955	1931	AWR via Germany. Multilingual ID	544	30/07	RJH

11980	0415	VO Turkey. Turkish mx, nx at 0430, Turkish	444	10/08	ARo
11985	1740	R Free Asia via Tinian. Korean px // 9990	333	13/08	FB
12015	0631	BBC WS via Oman. Arabic OM	253	08/08	DJM
12015	1032	WHRI, USA. Religious mx, clear ID, contact details at 1059, off	333	12/08	DJM
12015	1530	VO Korea, N Korea. Orchestral and operatic music with YL, RR	333	30/07	ARo
12015	1850	VO Korea, N Korea. YL with GG comm, lots of KK sx/mx	243	26/07	MLF
12050	1900	R Ndarason Int via Ascension. VV	433	30/07	RJH
12050	2010	R Ndarason Int via Ascension. African mx, phone calls, VV	333	10/08	ARo
12065	1301	BBC WS via Kranji. Opening, news, rpt on Zim elections, EE	252	28/07	SHo
12065	1316	BBC WS via Kranji. YL with EE talk about music	243	11/08	MLF
12095	0400	BBC WS via Oman. News and Newsroom, EE	242	10/08	ARo
12095	2055	BBC WS via Ascension. Item about weight loss, EE	433	30/07	RJH
12095	2100	BBC WS via Ascension. News, EE	253	27/07	SHo
12095	2118	BBC WS via Ascension. Talk about wildebeests, OM in EE	444	25/07	DH
12120	1330	FEBC, Bocaue, Philippines. Burmese px, religious px	333	15/08	FB
12120	1800	R Pilipinas, Tinang, Philippines. Tagalog px // 9910, bad audio	333	17/08	FB
12160	1944	WWCR, USA. Rock mx, EE	222	28/07	RJH
13146	1005	Monaco R. OM with EE wx reports, ID & off at 1005	242	11/08	MLF
13580	1804	Bangladesh Betar. News, EE	353	17/08	SHo
13580	1812	Bangladesh Betar. Religious px, buzzer interference, YL in EE	433	26/07	DH
13580	1820	Bangladesh Betar. Special talk on Bangabandhu, EE	544	10/08	ARo
13590	1704	VO America via Woofferton. News, OM in EE	433	03/08	DH
13590	1728	VO America via Woofferton. Female presenter, EE	252	08/08	SHo
13635	1240	VO Turkey. Turkish ballads, Turkish	555	20/08	ARo
13640	1556	China R Int, Kashi. Financial report, EE	252	01/08	SHo
13640	1630	All India R. OM with Farsi talk, YL sx	343	29/07	MLF
13640	1850	All India R. Hindi song (duet), AA	333	13/08	ARo
13660	1836	BBC WS, Woofferton, UK. Report on Arctic solar eclipse, EE	252	27/07	SHo
13665	1116	China R Int via Cerrik. Report on Chinese economy, EE	454	28/07	SHo
13670	1345	China R Int. Historical Chinese, mx, ID, EE	555	10/08	SC
13675	1615	R Free Asia via Tashkent. OM with Mandarin talk & b'ground mx	343	02/08	MLF
13680	1150	Sound of Hope via Taiwan. OM & YL with CC talk	242	11/08	MLF
13680	1155	VOIRI, Sirjan, Iran. OM with Hebrew ID at s/on	243	11/08	MLF
13680	1435	R Japan via France. OM & YL with Farsi talk	344	20/08	MLF
13680	1614	VO Hope, Zambia. Relay of Bro Stair, EE religious comm	343	29/07	MLF
13680	1615	VO Hope, Zambia. Religious talk, EE	322	29/07	RJH
13700	1523	VO America via Sao Tomé. OM with Hausa talk, ID & off 1530	343	09/09	MLF
13700	1840	China R Int. Varied mx selection with YL presenter, VV	444	28/07	ARo
13710	0745	China R Int. Sports nx, EE	544	01/08	CS
13710	0805	China R Int via Cerrik. "Language Café", EE // 17490	453	20/08	AP
13710	1200	VO Turkey. OM with Urdu ID then talk	343	11/08	MLF
13710	1204	Missionwerk F'stimme, Germany. YL in RR, under VO Turkey	242	11/08	MLF
13710	1440	China R Int, Kashi. Summer sweet treats, EE	354	26/07	SHo
13720	1720	R Japan. Japanese service, Elvis song, same on 01/08!	252	19/08	RP
13730	1622	Ashna R via Kuwait. YL with Pashto talk	243	02/08	MLF
13750	1108	R Romania Int. Female newsreader, EE	354	28/07	SHo
13750	1115	R Romania Int. Society Today px, children in hospital, EE	444	01/08	CS
13760	1829	China R Int, Kashi. Station ann, EE	455	27/07	SHo
13845	2321	WWCR, USA. Religious talk, EE	444	07/08	RJH
15090	1052	R Azadi via Kuwait. OM with Pashto talk	242	08/08	MLF
15105	1616	TWR via Swaziland. OM with Kirundi talk, ID at 1616	444	14/08	MLF
15110	1805	R Na Gaskiya via Bulgaria. OM with Hausa talk	242	14/08	MLF
15110	1845	R Na Gaskiya via Bulgaria. Music, OM talk, Hausa	333	19/08	ARo
15130	1109	R Romania Int, Tiganesti. Female newsreader, EE	455	28/07	SHo
15145	0814	AWR via Moosbrunn. Bible talk in French	454	20/08	AP
15145	0815	AWR via Moosbrunn. OM talk, sign-off with some mx, FF	544	30/07	ARo
15150	1528	R Tamazuj via Madagascar. OM with Arabic talk, YL ID & off	343	02/08	MLF
15165	1538	AWR via Austria. YL with Punjabi ID then talk	343	02/08	MLF
15180	1500	RFE/RL via Germany. YL with Uzbek talk, ID & off at 1500	344	20/08	MLF

15200	0637	Deutsche Welle via S Africa. OM with Hausa talk, ID at 0638	232	04/08	MLF
15200	0935	R Romania Int. Classical & easy listening music, Romanian	544	29/07	ARo
15225	0800	AWR via Nauen. "Following programme is in Kabyle" then VV	454	20/08	AP
15225	0815	AWR via Nauen. Long African song, sign-off, Kabyle	544	30/07	ARo
15235	1605	Channel Africa, S Africa. Pop mx, moderate noise, ID, FF	433	15/08	SC
15240	1500	China R Int. CRI nx, excellent signal, ID, EE	544	15/08	SC
15245	1335	VO Korea, N Korea. Jolly, upbeat instrumentals, EE	333	20/08	ARo
15245	1400	VO Korea, N Korea. FF px, IDs, news	333	15/08	FB
15245	1524	China R Int. USSA – Trump and Iran, moderate noise, ID, EE	433	25/07	SC
15245	1556	China R Int. Financial report, EE	432	01/08	SHo
15245	2113	VO Korea, Pyongyang. Male newsreader, EE	252	27/07	SHo
15255	1540	RFE/RL via Woofferton. OMs with Turkmen talk	243	29/07	MLF
15275	1320	R Free Asia, USA. Well known classical mx, Tibetan? Anns	444	12/08	DJM
15285	1250	BBC WS via Kranji. Elections in Zimbabwe, EE	252	28/07	SHo
15285	1345	AWR via Nauen. Christian music in Chinese, CC	544	20/08	ARo
15310	1610	BVB via Germany. OM with Oromo talk & religious sx	344	14/08	MLF
15320	1110	R Romania Int. Female newsreader, EE	353	28/07	SHo
15320	1139	R Romania Int. "Listener's Letterbox", EE	353	19/08	RP
15320	1253	R Romania Int. Mx, end of bx to W Europe, ID	443	10/08	SC
15360	1240	Mashaal R via Udon Thani. Magazine px in pres Pashto	454	18/08	DJM
15400	1707	BBC WS via Ascension. Zimbabwe elections, OM in EE	433	03/08	DH
15400	1836	BBC WS via Ascension. Report on Arctic solar eclipse, EE	353	27/07	SHo
15400	1845	BBC WS via Ascension. Sports, EE	433	30/07	RJH
15400	1900	BBC WS via Ascension. Focus on Africa, Zimbabwe, EE	343	03/08	ARo
15410	1440	Athmik Yatra R via Germany. OM with Dzongkha talk	343	08/08	MLF
15410	1502	Eye R via France (?). YL with AA ID at s/on, OM with AA talk	344	20/08	MLF
15420	1435	BBC WS via S Africa. OM with Somali ID & talk about Iran	343	08/08	MLF
15420	1510	VO Korea, N Korea. YL with EE ID then talk, QRM CRI co-ch	232	08/08	MLF
15430	1235	AWR via Trincomalee. Asian mx and talk by OM, VV	333	03/08	ARo
15445	1835	R Japan via Nauen. Deep Night Flight with Japanese mx, JJ	454	03/08	ARo
15450	1253	VO Turkey. Price of oil, EE	454	28/07	SHo
15450	1255	VO Turkey. Listeners Letterbox, EE	544	03/08	ARo
15450	1301	VO Turkey. Listeners letters & station address, ID, EE	443	10/08	SC
15450	1554	RFE/RL via Germany. OM with Tajik talk, off at 1600	343	29/07	MLF
15505	1515	Bangladesh Betar. Nx, YL talk, Bangladeshi music, Hindi	333	09/08	ARo
15505	1516	Bangladesh Betar. YL with Hindi ID then talk	343	18/08	MLF
15529.7	0715	R Kuwait. Lots of EE pop in EE px	343	04/08	MLF
15529.75	0635	R Kuwait (pres). EE, pop, muffled signal	454	08/08	DJM
15530	0455	R Kuwait. AA mx and into EE at 0500	333	02/08	ARo
15530	0640	R Kuwait. EE, "The Press Today", freq ann, nx, wx "45°"	453	17/08	AP
15530	0640	R Kuwait. EE, Press Today px	344	13/08	DJM
15530	0740	R Kuwait. Pop songs, 0757, EE anns inc freqs, anthem, -0800*	353	20/08	AP
15540	1600	R Kuwait. OM with Urdu ID then AA sx in Urdu px	343	14/08	MLF
15565	1647	Vatican R. Death of Kofi Annan, OM in EE	444	18/08	DH
15580	0636	VO America via Botswana. Report on political rally, EE	444	13/08	DJM
15580	1444	VO America via Botswana. Female pop singer, EE	253	26/07	SHo
15580	1515	VO America. Pop mx, Border Crossings, moderate noise, ID, EE	433	15/08	SC
15580	1649	VO America via Botswana. African music, EE	433	18/08	DH
15580	2122	VO America via Botswana. R&B music, EE	333	25/07	DH
15590	1441	China R Int, Urumqi. Summer sweet treats, EE	455	26/07	SHo
15595	1615	Vatican R. World news, EE	454	09/08	ARo
15595	1622	Vatican R. Nx, 1998 Terrorist Attack in Ireland, ID, EE	443	15/08	SC
15595	1625	Vatican R. World news update, EE	444	01/08	CS
15610	2201	WEWN, USA. EWTN Catholic Answers Live, OM in EE	333	02/08	DH
15620	1329	VO America via Botswana. ID at 1339, pres Somali // 17520	343	12/08	DJM
15620	1630	VO America via Botswana. Somali mx, reports by OM, Somali	433	09/08	ARo
15640	1130	BVB via Tashkent (?). Jack van Impe Ministries px in EE	252	19/08	RP
15660	1117	China R Int, Kashi. Report on Chinese economy, EE	252	28/07	SHo
15690	1420	R Farda via Lampertheim. Varied music selection, Farsi	353	30/07	ARo

15700	1625	R Free Asia via Germany. OM with Uighur talk & b'ground mx	243	26/07	MLF
15710	1429	AWR via Madagascar. OM with Sinhala sx, ID & off	243	09/09	MLF
15715	1150	VO America via Philippines. OM with EE talk	242	08/08	MLF
15720	0648	R Free Asia via Tajikistan. OM with Tibetan talk	242	04/08	MLF
15800	1050	CNR 1, China. CC mixing with Sound of Hope or RFA?	252	02/08	RP
15800	1100	Sound of Hope. ID in CC // 14980, 16100 & others not jammed	252	02/08	RP
16300	0830	CNR 1, China. ID, news, jamming for Sound of Hope //14500	343	14/08	FB
16770	1041	Sound of Hope via Taiwan. YL with CC talk	242	08/08	MLF
17490	0803	China R Int, Kashi. Nx then "Language Café", EE/CC	454	20/08	AP
17490	1022	China R Int, Kashi. Language café px, EE	455	27/07	SHo
17530	1543	VO America. Border Crossings, mx & OM talk, EE	252	01/08	SHo
17530	1545	VO America. Border Crossings px, EE	444	09/08	CS
17530	1803	VO America. OM newsreader, EE	252	02/08	SHo
17580	0630	R Sultanate of Oman. YL with AA commentary & mx	131	04/08	MLF
17630	1630	R Xoriyo via France. YL with Somali sx, OM comm, ID & off	343	14/08	MLF
17640	1628	BBC WS via Ascension. Station ann, EE	252	09/08	SHo
17640	1817	Madagascar World Voice. Religion, OM in EE	333	26/07	DH
17660	1522	BSKSA, Saudi Arabia. OM & YL with FF discussions	242	18/08	MLF
17670	1110	R Romania Int. YL newsreader, EE	252	28/07	SHo
17670	1115	R Romania Int. Travellers Guide px, EE	444	02/08	CS
17680	1215	VO America via Tinang. Talk, VOA ID and IS, Burmese	444	09/08	ARo
17710	1015	Deutsche Welle via S Africa. OM with Swahili talk, // 15275	243	08/08	MLF
17760	0845	SARL, S Africa. Ham radio news, OM in EE	433	19/08	DH
17765	1205	BBC WS via S Africa. FF	222	29/07	RJH
17775	1046	VO America via Vatican. OM with Somali talk	444	08/08	MLF
17780	1524	BBC WS via Ascension. OMs with Hausa sports commentary	343	18/08	MLF
17780	1707	BBC WS via Ascension. Zimbabwe elections, OM in EE	433	03/08	DH
17850	1025	R Thailand. OM & YL with Thai talk	243	08/08	MLF
17850	1739	R France Int, Issoudun. FF talk	252	17/08	SHo
17855	1355	R Exterior de Espana, Noblejas. IS, SS anns, px to SAm, ID	545	12/08	DJM
17880	1415	R Azadi via Thailand. OM with Dari talk then ID	343	09/09	MLF
21500	0550	R Romania Int. Expert in Romania px, EE	444	03/08	CS
21505	1439	BSKSA, Riyadh, Saudi Arabia. AA talk and mx	253	26/07	SHo
21520	1028	R Free Asia via Tinian. Tibetan talk, 1000-1100 Wed only	242	08/08	MLF
21525	1709	R Africa via WRMI. Religion, OM in EE	333	03/08	DH
21525	1923	WRMI, USA. Religious talk, EE	222	28/07	RJH
21670	1034	BSKSA, Saudi Arabia. OM with Indonesian talk	343	08/08	MLF
21670	1052	BSKSA, Saudi Arabia. Indonesian	333	29/07	RJH
21670	1115	BSKSA, Saudi Arabia. Indonesian service	252	28/07	SHo
21690	1520	R France Int. OM with Swahili talk	242	02/08	MLF

Digital

kHz	UTC	Station, programme details, language, etc	SNR	Date	Init.
5910	1714	R Romania Int, Saftica. OM in Italian	21dB	13/08	RT
7550	2200	All India R. Sitar recital with anns in EE & HH, DRM Ch.2	17dB	06/08	ARo
9535	2001	R Romania Int, Galbeni. OM in FF	17dB	13/08	RT
9535	2032	R Romania Int, Galbeni. Half hour px in EE	17dB	13/08	RT
13650	1700	R Kuwait. OM in AA	15dB	13/08	RT
13650	1815	R Kuwait. YL & OM talk, Arabic mx, AA	19dB	28/07	ARo
15110	1002	R Kuwait. YL in Arabic	17dB	14/08	RT
15110	1330	R Kuwait. Arabic music, AA	13dB	09/08	ARo
15120	1900	VO Nigeria. Theatre on Air - "The Risk", EE	21dB	10/08	ARo
15540	1825	R Kuwait. Western pop music, nx, EE	22dB	28/07	ARo
15540	1906	R Kuwait. OM with religious talk, EE	21dB	13/08	RT

* denotes logs made outside of Europe

denotes logs made on a remote SDR receiver (location noted in log)



Alternative Airwaves

with Axel Röse & Vick Haviland aaw@bdxc.org.uk



Freq	UTC	Station + details	Date	Contributor(s)
87,5	1535	Klub FM , Cork City, non stop dance, 24/7?, RDS, Roches Point, SIO 333	5-Aug	IB
87,6	1900	Chill FM , Dublin, dance music, RDS, Dublin Port, SIO 444	12-Aug	IB
87,8	1540	True FM , East Cork, dance, syndicated px, ads, RDS, Roches Point, SIO 555	5-Aug	IB
87,9	1545	Play FM , Cork City, non stop dance, ID's, 24/7?, RDS, Roches Point, SIO 353	5-Aug	IB
88,1	1930	Fever FM , Dublin, RDS says PVR! Dance music, Dublin Port, SIO 444	12-Aug	IB
91,0	1915	Hot FM , Dublin, dance music, Dublin Port, SIO 343	12-Aug	IB
91,6	1905	Now FM , Dublin, dance/pop, Dublin Port, SIO 444	12-Aug	IB
91,7	1920	UNID, Dublin, dance music, Dublin Port, SIO 444	12-Aug	IB
92,5	1910	Phoenix FM , Dublin, oldies, dj programme, Dublin Port, SIO 243	12-Aug	IB
97,6	1550	Cityview FM , Cork City, oldies, Irish mx, evenings & w'end, RDS, SIO 343	5-Aug	IB
99,5	1910	Fresh FM , Dublin, dance music, Dublin Port, SIO 444	12-Aug	IB
107,0	1430	R. Caroline , Cork City, relay satellite svc, w'ends only, Cork City, SIO 343	11-Aug	IB
107,1	1855	Trax FM , Dublin, Dance, RnB, Dublin Port, SIO 444	12-Aug	IB
846	0300	R. North – SIO 555, -04.30, @19.30 on 17 th 1, 4, 7-9, 15, 17, 19, 22, 25, 30-Jul		SD
846	2112	R. North – SIO 555, -22.46 24, 27-Jul		SD
846	0400	R. North – SIO 343, -06.00 2, 5, 6, 12, 16, 20, 21, 23, 26, 28, 29, 31-Jul		SD
846	0400	R. North – SIO 454 / 444 (11 th & 13 th), -04.30 3, 10, 11, 13, 14, 18-Jul		SD
981	0400	R. Star Country – SIO 343, nx and wx, -05.00 1, 2, 4, 5, 16, 21, 23, 26, 31-Jul		SD
981	0400	R. Star Country – SIO 454, news and weather 3-Jul		SD
981	0400	R. Star Country – SIO 555, news and weather, -06.00 7-15, 18, 19, 22, 25, 30-Jul		SD
981	2000	R. Star Country – SIO 444, religious 6-Jul		SD
1044	1810	Daffy , Athens, Greece, hits of Vicky Lee Andrews 422 1-Aug		RP*
1350	2049	I Am Radio – SIO 343 4-Jul		SD
1395	2008	R. Energy Power AM – SIO 343 1-Jul		SD
1395	1845	Energy , Dublin, non stop music, ID's, Dublin Port, SIO 333 12-Aug		IB
1395	1844	R. Seabreeze AM – SIO 343, -20.58 5, 9, 13-Jul		SD
1395	2102	R. Seabreeze AM – SIO 555 19-Jul		SD
1611	0854	R. Atlantic (Twente) - D, G-schlager, greets, phone no., SIO 555, -09.20 12-Aug		AR#
1611	2054	R. Technical Man - D, greets, classic rock, SIO 343, -21.40 28-Jul		AR#
1618	1758	Mike R. - D, instrumental, report, chat, c/d +18.20, SIO 343, -18.03 11-Aug		AR#
1620	2122	Z. Spanningzoeker. Polkamx, 2122=slon?2123-c/d. DD 1-Aug		NS
1620	2025	UNID. Dutch Int, only briefly heard. -- 28-Jul		NS
1620	2120	UNID. Ann-unid. 2121-c/d? DD, EE 1-Aug		NS
1620	2124	UNID. QSO to Spanningzoeker. 2124=s/on, 2127=c/d. DD 1-Aug		NS
1620	1830	Z. Weduwe - D, greets, G-/D-schlager, yodel, SIO 444, -1850 5-Aug		AR#
1628	2104	UNID. ann-unid(at2107),2109=c/d? DD 8-Aug		NS
1629	2242	De Armada , NL - Hang on Sloopy, Abba, Dutch OM ID 21-Aug		AP
1629	2119	R. Pandora (NL) - D-schlager, SIO 343, -2140 28-Jul		AR#
1629	2234	R. Twentana - Barrel organ music ID # SW England SIO 343 20-Aug		IK#
1630	1817	R. Uniek - D, D-schlager, pop, phone no., oldies, SIO 343, -18.37 11-Aug		AR#
1630	1908	Z. DB - D, reports, phone no., D-schlager, SIO 433, -19.38 5-Aug		AR#
1631	2322	Odynn - Honey by Bobby Goldsboro # SW England SIO 222 20-Aug		IK#
1633	2119	R. Noordzee - D, greets, D-schlager, SIO 433, -21.43 11-Aug		AR#
1635	1804	R. Kachelboer - D, report, oldies, greets, c/d 18.12, SIO 333 11-Aug		AR#
1638	2051	Bluebird R. ann, Dutch-Intl+German mx. DD 16-Jul		NS
1638	2032	Bluebird R. ann. Dutch mx. DD 29-Jul		NS
1638	2310	R. Bluebird - ID Dutch music # SW England SIO 343 20-Aug		IK#
1640	2254	R. Barones Ann, popmx. DD 22-Jul		NS
1640	2146	UNID. Dutchmx only, strong carrier after 21.48, interfer. from 1645 4-Aug		NS
1642	2108	UNID. Dutchmx only. QRM?? -- 1-Aug		NS
1645	2148	R. Barones Ann. tochmx+Dutchmx (=22.02). DD 4-Aug		NS

1647	1758	Keizer en Keizerin - -19.00	28-Jul	AR#
1647	1812	Keizer en Keizerin - D, endless greetings, hotline, SIO 443, -1837	11-Aug	AR#
1655	2134	UNID. Ann-unid. (at 21.35+21.38), pop? Or iub-mx at 2139. DD	4-Aug	NS
1655	2120	R. Wilskracht - D, pop oldies, SIO 333, -21.43	11-Aug	AR#
1670	2033	Z. Digital - D, ID, rock, instrumental, SIO 444, -20.43	11-Aug	AR#
3905	1953	R. Alice - D, E, D/G-schlager, yodel, alpine folk, greets, -21.18	28-Jul	AR# NS SD
3910	2000	UNID – SIO 555	14-Jul	SD
3910	1243	UnID - 50s Rock and roll oldies, no AN, off at 1253, # Leiden NL	SIO 354 19-Aug	IK#
3920	1957	R. Continental –, SIO 555, very strong, -20.08	8, 13-Jul	SD
3920	2124	R. Continental –, SIO 555, very strong	29-Jul	SD
3920	2055	R. Continental – SIO 343	15-Jul	SD
3920	1922	Rock R. Network - E, rock, email, -20.45	28-Jul	AR# SD
3920	2120	Rock R. Network (tent) Ann-unid. V. weak signal , thunderstorm-QRM	28-Jul	NS
3920	2100	UNID – SIO 555	21-Jul	SD
3920	1945	UNID – SIO 454	22-Jul	SD
3920	1705	UNID – SIO 555	26-Jul	SD
5005	0934	Dance Wave R. - 80s new wave # SW England SIO 354	12-Aug	IK#
5005	1007	Dance Wave R. - --, pop, rock, ID by OP in chat, SIO 352, -10.20	12-Aug	AR#
5030	1935	R. 319 - E, G, disco oldies, jingles, email on recording, SIO 343, -19.45	14-Aug	AR#
5055	1925	R. 319 - D, old R. Veronica tape, oldies, SIO 333, -19.45	9-Aug	AR#
5060	2004	R. 319 - G, E, non stop dance mix, jingles with email, SIO 343, -20.18	11-Aug	AR#
5775	0953	R. Harmony – SIO 454	7-Jul	SD
5775	0719	R. Harmony – SIO 555, -09.16	8, 11, 14-Jul	SD
5775	1800	R. Harmony – SIO 444	12-Jul	SD
5775	0644	R. Harmony – SIO 343	13-Jul	SD
5780	1400	R. Zenith (tent) – SIO 343	21-Jul	SD
5780	1224	R. Zenith – SIO 444, -15.50 @19.13 on 26 th	22, 24-26-Jul	SD
5780	0630	R. Zenith – SIO 555, -07.58, @15.35 on 23 rd	23, 27-31-Jul	SD
5780	1750	Zenith Classic Rock - Pink Floyd // web stream	29-Jul	DK
5780	2013	Zenith Classic Rock – XTC record	9-Aug	RM
5800	2038	Bogusman - ID Sounds Of Wild Britain # SW England SIO 354	19-Aug	IK#
5800	0647	Tesla - Dutch folk music # SW England SIO 222	21-Aug	IK#
5826	1030	UNID - continuous Irish mx - The Chieftains etc.	15-Aug	DK
5832	2113	R. Europe - Address for reception reports # Leiden NL SIO 322	12-Aug	IK#
5833	1900	Pirate R. Europe - --, Russian (?) rock, SIO 333, -19.20	9-Aug	AR#
5833	1757	Pirate R. Europe - E, G, progressive/blues rock, jingles, SIO 343, -18.55	7-Aug	AR#
5885	1930	R. Flying Dutchman - bits of music, ID by OP in chat, SIO 231, -19.35	14-Aug	AR#
6205	2122	The Ghoul - ID Jean Michel Jarre tune # Leiden NL SIO 322	12-Aug	IK#
6205	2045	the Ghoul - E, comedy, email, pop, SIO 343, -20.55	12-Aug	AR#
6205	0722	Laser Hot Hits – SIO 555, very strong, -09.16	1, 7, 8, 14, 15-Jul	SD
6205	1602	Laser Hot Hits – SIO 555, very strong, -17.09 2, 3, 5, 6, 9, 11, 13, 16, 17, 19-Jul		SD
6205	1803	Laser Hot Hits - modern pop, not //any webstream, # SW England SIO 444	13-Aug	IK#
6205	0903	Laser H.H. Status Quo feature; S.W. on 6285. EE	18-Aug	DN
6205	1945	R. Merlin Int'l – SIO 454	23-Jul	SD
6210	0718	King Shortwave – SIO 444	7-Jul	SD
6210	0830	King Shortwave – SIO 555	8-Jul	SD
6230	1011	R. Merlin Int'l – SIO 454	8-Jul	SD
6239	1842	R. Merlin Int'l - E, oldies, SIO 232, -18.50	28-Jul	AR#
6239	0805	R. Merlin , ID, odd QSS, EE	11-Aug	DN
6239	0710	R. Merlin Intl - ID 70s oldies # Leiden NL SIO 232, -08.05	12-Aug	DN IK#
6239	1530	R Merlin Int - oldies, ID	12-Aug	DK
6239	1923	R. Merlin Int'l - E, "Grocer Jack", oldies, SIO 342, -19.30	14-Aug	AR#
6240	0926	R. Merlin Int'l – SIO 454	7-Jul	SD
6240	1048	R. Merlin Int'l – SIO 555, 22 nd @ 16.25	21, 22-Jul	SD
6240	1059	R. Waves Int'l – SIO 343	1-Jul	SD
6240	0848	R. Waves Int'l – SIO 343	8-Jul	SD
6240	1426	R. Waves Int'l – SIO 343	21-Jul	SD
6240	0952	R. Waves Int'l – SIO 242	22-Jul	SD
6240	1951	R. Quadzilla - E, oldies, Pirate BBC Essex recording, SIO 333, -20.03	11-Aug	AR#

6245	1300	Coast FM International - Ads ID news # Leiden NL SIO 233	19-Aug	IK#
6259	1907	Sunshine R. - E, pop, jingles, oldies, SIO 343, -20.30	26-Jul	AR#
6260	2030	Bogusman - chat about Wirral and New Brighton. EE	5-Aug	AP
6260	0938	R. Dolfijn – SIO 454	1-Jul	SD
6260	1700	Free R. Service Holland – SIO 454	22-Jul	SD
6260	1433	R. Pluto – SIO 454	8-Jul	SD
6260	1915	Blue Moon R. (tent) – SIO 444	7-Jul	SD
6261	0810	Blue Moon R. 60's mix, 'Test'. Address (lost in QSB). EE, -08.14	29-Jul	DN SD
6261	1823	UNID - --, oldies, Undertones: Teenage kicks, SIO 343, -19.00	9-Aug	AR#
6263	1830	R. Pandora (UK) - E, jingles, oldies, pr@hm.com, SIO 242, -19.00	28-Jul	AR#
6265	0955	Bogusman , Talk about tape. EE	29-Jul	DN
6265	1924	R. Zwarte Panter - D, G-schlager, email, greetings, SIO 343, -19.35	11-Aug	AR#
6266	1010	Bogusman - E, chat, indie pop, fading, -10.25 +13.27	29-Jul	AR# SD
6266	2040	Delta R. (West Brabant) - --, pop, jingles, ID by chat, SIO 342, -21.05	11-Aug	AR#
6270	0917	Focus Int'l - E, music, oldies, phone no, -20.50	28-Jul	AR# SD
6270	1259	Focus Int'l – SIO 444	29-Jul	SD
6270	2039	UNID. Popmx(20.39:"Always makes me wonder"?). --	11-Aug	NS
6275	1929	R. AC-DC – SIO 555	22-Jul	SD
6275	2048	R. Dolfijn - SIO 555, very strong	13-Jul	SD
6275	1810	Free R. Service Holland -- Dave Scott px. ID, -19.55	29-Jul	DK SD
6275	2007	UNID - --, Queen, Cindy Lauper, Dire Straits, c/d 20.29, SIO 343	14-Aug	AR#
6275	1314	UnID - Barrel organ music ID # SW England SIO 232	19-Aug	IK#
6280	1632	R. Merlin Int'l – SIO 555, very strong	30-Jul	SD
6280	1950	R. Witte Reus (tent) – SIO 555	6-Jul	SD
6285	1910	R. Batavier - --, oldies, jingle, c/d, SIO 444, -19.23	11-Aug	AR#
6285	0658	Coast FM – SIO 555, very strong, -08.42 1, 7, 8, 13-15, 21, 28, 29-Jul	DN SD	
6285	1914	Coast FM – SIO 555, very strong, -19.42	11, 27-Jul	SD
6285	1720	Coast FM - E, pop, jingles, SIO 242, -19.00	28-Jul	AR#
6285	0713	Laser Hot Hits – SIO 555, very strong	22-Jul	SD
6285	1341	Laser Hot Hits – SIO 555, very strong, ID, mx, -20.04	29-Jul	DK SD
6285	2128	Laser Hot Hits - Funkadelic song // webstream # Leiden NL, SIO 444	12-Aug	IK#
6285	1757	Laser Hot Hits - J. Hudson song //webstream, # SW England SIO 333	13-Aug	IK#
6285	2055	Laser Hot Hits - E, female DJ, 90's pop, SIO 443, -21.15	12-Aug	AR#
6285	1845	Laser Hot Hits - E, pop, oldies, SIO 443, -18.55	13-Aug	AR#
6285	2000	Laser Hot Hits - E, modern pop, jingles, SIO 343, -20.05	14-Aug	AR#
6288	2127	Mustang R. - ID country songs # SW England SIO 444	19-Aug	IK#
6290	1929	Panda R. – SIO 555	6-Jul	SD
6295	1341	R. Reflections Europe – SIO 555, very strong, -15.32 1, 8, 15, 22, 29-Jul	SD	
6295	1755	Reflections Europe - rel px	29-Jul	DK
6295	2036	Reflections Europe - rel pxs 'Call to Worship' etc -2120*	5-Aug	AP
6295	0920	R. Scotland Int'l – SIO 555, very strong	8-Jul	SD
6295	0901	R. Scotland Int'l – SIO 555	15-Jul	SD
6295	2038	UNID; tent-Cupid R.; French Chanconi.20.46, 20.40:"Bandelaro". DD?	2-Aug	NS
6300	1352	R. Merlin Int'l – E, jingles, SIO 555, DN @ 08.00	29-Jul	DN SD
6300	1850	Mustang R. – dance mx, EE c/d 2040	3-Aug	RM
6305	1938	R. Fox 48 - E, pop, ID jingle, SIO 242, -19.58	26-Jul	AR#
6305	0837	R. Merlin, (Pres) 'All over EU' . EE	5-Aug	DN
6306	1515	Artem's World of Music – SIO 555	14-Jul	SD
6306	1738	R. Merlin Int'l – SIO 343	15-Jul	SD
6310	1838	R. Harmony - E, easy listening, jingles, comedy, SIO 343, -19.10	11-Aug	AR#
6310	2212	R. Harmony - Middle of the road music ID # Leiden NL SIO 444	11-Aug	IK#
6310	1530	Harmony - Glenn Miller, ezy listening mx, ID EE	12-Aug	DK
6310	1945	R. Harmony - E, R. Caroline history chat, SIO 343, -20.30	14-Aug	AR#
6310	0811	Harmony R. (tent.). Oldies-40s, 50s. No ID. Of at 0855. EE	18-Aug	DN
6316	2050	the Ghoul - E, chat, Talking Heads, SIO 242, -20.55	28-Jul	AR#
6317	2023	Bogusman - E, chat, indie pop, mentions 11 Aug, c/d 20.58, SIO 333	11-Aug	AR#
6317	1856	the Ghoul - E, 80's pop, chat, +20.58, SIO 332, -19.10	11-Aug	AR#
6317	1000	The Ghoul - Talk about tape decks # Leiden NL SIO 233	12-Aug	IK#
6317	0958	Icarus R. Comedy Tapes, ID. EE	29-Jul	DN

6320	1942	R. Joey – SIO 555, very strong	28-Jul	SD
6320	2035	R Joey - electronic dance mx, pop, -20.44	5-Aug	AP NS
6320	1850	UNID – SIO 555, c/d 20.55	29-Jul	SD
6322	2044	R. Joey - Trance classics # SW England SIO 354	19-Aug	IK#
6324	2100	the Ghoul - E, email, pop, comedy, SIO 333, -21.05	11-Aug	AR#
6325	1002	Bogusman(Pres), Rockmx, Comedy jingle. EE	5-Aug	DN
6325	1734	Crazy Wave R. – SIO 555, very strong	21-Jul	SD
6325	1951	R. Joey – SIO 555	22-Jul	SD
6325	2040	R. Mustang - SIO 555, very strong	13-Jul	SD
6325	1546	Premier R. – SIO 454	14-Jul	SD
6325	0840	Premier R. Intl from w coast of Ireland - 70s soul, # SW England SIO 343	12-Aug	IK#
6375	1424	R. Studio 52 – SIO 242	7-Jul	SD
6393	1935	R. Pandora (UK) - E, ukdxxer promo, oldies +21.07, SIO 333, -19.50	11-Aug	AR#
6955	2136	TRX R. - Repeated IDs, S. Wonder: Superstition, # SW England SIO 444	12-Aug	IK#
6965	1508	Classic Hits - News ads ID Irish station # SW England SIO 344	19-Aug	IK#
7700	1800	FRS Holland - Peter Verbruggen ID & fade // 6275	29-Jul	DK

Radio Caroline Southampton Supporters group 12 September

The next meeting of the Radio Caroline Southampton Support group will take place on Wednesday 12 September from 7pm at the Netley Victoria Club, Netley near Southampton SO31 5DG. Special guests will be coming along to meet you and the Caroline merchandise stall will be there, you could even win a prize from the stall. There is a bar and everyone are welcome to join us for a £5 donation which includes a buffet. All proceeds will go towards the cost of work on board our Radio Ship, The Ross Revenge."

Many more details and photos of past meetings here: <http://www.woodley.net.co.uk/index3.htm>

Mike Terry adds "Could be quite a bumper turnout from BDXC members I have already heard from some who will be there, hope to see you as well. It's a fun evening to talk offshore and pirate radio plus interesting speakers and a great amount of memorabilia on sale. Some regularly travel long distances to be there, some stay overnight and enjoy the picturesque area." (MET)

FCC Shuts Down Liberty Radio, Alex Jones' Pirate Flagship Radio Station

Associated Press, Austin, Texas, 15 August:

The Federal Communications Commission has shut down a pirate radio station that served as the flagship outlet for conservative conspiracy theorist Alex Jones. The Austin American-Statesman reports the FCC also has fined the station's operators \$15,000 - a fine the FCC says in a lawsuit the operators are refusing to pay. The lawsuit filed in federal court in Austin alleges Liberty Radio operated on a channel without a license since at least 2013. The lawsuit names as defendants Walter Olenick and M. Rae Nadler-Olenick. Court documents show the FCC had tracked the transmissions to a 50-foot tower at an Austin apartment complex owned by an entity linked to the Olenicks. <http://time.com/5368588/fcc-liberty-radio-alex-jones/> (MET)

Sunderland pirate After Dark (87.7 MHz) raided

Northumbria Police, working with Ofcom, executed a warrant at a house in Halstead Square, Pallion, Sunderland last week. A 34-year-old man is being dealt with by Ofcom for suspected offences under the Wireless Telegraphy Act 2006. Police say the station - After Dark FM - is thought to have been used as a source of information for teenagers to organise raves.

The radio station's Facebook page [After Dark FM Sunderland] contains a statement thanking listeners for their support and urging them to sign an on-line petition to Ofcom. "Due to certain people wanting to spoil things for the community rather than help it, we have had to temporarily go off air," it says. "Our licence application is in with Ofcom but whilst this was going ahead we have been reported and complained about by certain persons." "And out of these peoples' selfishness ...we cannot broadcast until Ofcom approves the licence. As it is a 'community licence' we'd like to ask you, the North East community to sign our petition to be passed on to Ofcom to help speed up and grant the licence and get back on air." The petition can be found at <https://www.change.org/p/ofcom-help-secure-the-community-radio-licence-of-afterdarkfm> (Sunderland Echo, 23 August)

LOGBOOK / QSL / NEWS CONTRIBUTORS

AD	Allen Dean	Padham, Lancashire	Eton Satellit 750 / 10m LW; Grundig S450 DLX
AG	Alan Gale	Rochdale, Lancs	
AM	Arthur Miller	Llandrindod Wells, Powys	JRC NRD 525, NRD 545, G5RV 40m long wire
AP	Alan Pennington	Caversham, Berkshire	AOR 7030+ / LW, Beverage, ALA1530, / Sony 7600GR
APD	Anker Petersen	Skovlunde, Denmark	AOR AR7030+, Bonito RadioJet 1102S, 28m lw
ARo	Alan Roe	Teddington, Middx	Winradio G31, Elad FDM-S2, SDRPlay RSP/17m lw
AR#	Axel Röse	Neuss, Germany	Lowe HF-150 & Loop Antenna AOR LA-320 #Twente SDR
CB	Chrissy Brand	St Leonards-On-Sea, East Sussex	Peugeot and Toyota car radios
CG	Christian Ghibaudo	Tende, France	
CS	Christopher Shorten	Norwich, Norfolk	Eton Satellit 750, 10m long wire
DD	David Duckworth	Charlton-All-Saints, Wilts	Philips 2935/LW, GE Superadio 3, Blaupunkt car rx
DH	David Harris	Emsworth, Hants	Realistic DX 394, 15m long wire
DJG	Dan Goldfarb	Colchester, Essex	Sony ICF2001D with internal ferrite rod.
DJM	David Morris	Lytchett Matravers, Dorset	CommRadio CR1 SDR, Yaesu FRG100 / 100' LW
DJMc	David Morris	Creech Hill, Dorset	car radio
DK	Dave Kenny	Caversham, Berkshire	AOR 7030+/Wellbrook ALA1530, 90m bev, LW, Sony XDR F1HD
DN	Dell Netherton	St Austell, Cornwall	Racal 1771 / LW, Sony XCR33 / Telescopic, VW car radio
FB	Franck Baste	St Bonnet de Rochefort, France	Perseus + Loop ALA1530LNP
HA	Hiroyuki Akiba	Sendai, Japan	
IB	Ian Biggar	Ireland	Kia car radio
IK #	Ian Kelly	Reading, Berks	Web SDR
KOD	Kevin O'Daly	Rickmansworth, Herts	Icom R71E, Sony 2001D, 50ft longwire
MET	Mike Terry	Bournemouth, Dorset	Eton E5, Yupiteru MVT7100, Eton mini 300, Ryland loop
MLF	Michael L Ford	Newcastle-u-Lyme, Staffs	NRD515, NCM515, NRD545, 85' lw, Wellbrook 330ALA loop
MWB	Mike Barraclough	Letchworth Garden City	AOR 7030 60m LW, Sony ICF7600G, Degen active loop
PC	Patrick Cody	Co. Tipperary, Ireland	AOR 7030+ / Wellbrook ALA-1530 loop
NR	Nick Rank	Buxton, Derbyshire	Roberts R9924 pocket portable with various fence wires MW loop
NS	Norbert Scheel	Berlin, Germany	Grundig-Satellit 3000, magnetic loop Grahn GS2 ML2
PG	Paul Gager	Vienna, Austria	
RB	Ross Bradshaw	St Austell, Cornwall	Yaesu FRG 7000, Eddystone 850/2 VLF/LF
RJH	John Hammett	Barnstaple, Devon	AOR AR 7030, CommRadio CR1A., Wellbrook1530 lw, RPA-1 preamp
RM	Rafael Martínez	Barcelona, Catalonia	Grundig YB400, G3 & RP6901PLL Tecsun AN-200 loop
RP	Rumen Pankov	Sofia, Bulgaria	Sony ICF2001D & VEF201, Ant Folded Marconi 16m
RT	Richard Thurlow	Ipswich, Suffolk	SDR Perseus, WR G313, AOR 7030+, DSP-599ZX, Alpha Delta sloper ALA loop
SB	Steve Black	Harlow, Essex	Degen 1103, telescopic aerial
SC	Scott Caldwell	Warrington, Cheshire	Lowe HF225, Sony ICF2001D, AOR LA400 loop
SD	Stuart Dobson	Stone, Staffordshire	Realistic DX300 / 40m LW
SHo	Simon Hockenull	Bristol	Grundig Satellite 700, YB400, Sony ICF 7600GR
sho	Simon Hockenull	Bath, Somerset	car radio
TR#	Tony Rogers	Birmingham	Various online SDRs as indicated (mainly in British Isles)
TW*	Tomoaki Wagai	Wakayama, Japan	Icom IC-7300, ant: Diamond BB2M+AOR LA400

* in TB & HFL denotes HF log from outside Europe (in MWL denotes MW log from outside UK & Ireland)

in logbooks denotes use of a web SDR (the SDR location must be specified in the log).

NEXT CONTRIBUTION DEADLINE: WEDNESDAY 26th SEPTEMBER 2018

Please send all postal contributions to:

**BRITISH DX CLUB, 6 Hobart Court, 5 Ellenslea Road, ST.LEONARDS-ON-SEA,
East Sussex, TN37 6HX**

E-mail contributions can be sent to editor@bdxc.org.uk or directly to the section editors.

BBC WS - former Indian Ocean Relay Station

Peter Jones writes: My wife and I just returned from a holiday in the Seychelles and we came across the old BBC World Service Indian Ocean Relay station on the main island of Mahé. It's located on the West coast near Grand Anse. The relay station sadly closed in March 2014 as these news items details:

www.bbc.co.uk/mediacentre/latestnews/2013/seychelles-relay.html

www.seychellesnewsagency.com/articles/1792

Even though the site had been closed for over four years, the gates were open and the communications towers looked as though they had not been touched. According to an article from the Seychelles news agency at the time (link above), the Ministry of Natural Resources were due to take occupation of the main station building for use as the new Veterinary and Livestock Services centre. There was however no sign of any of the buildings being used.



Communication is the official monthly bulletin of the British DX Club © 2018.

Loggings and news items may be quoted freely, provided named credit is given to the source, contributor and to the British DX Club (BDXC-UK). Articles and photographs may only be reproduced with permission. Please contact the General Editor with any enquiries.

Communication is published by the British DX Club (BDXC-UK). Printed by Hertfordshire Display plc, Ware.