

NEWSLETTER

Edition 17 Summer/Autumn 2016

5 MHz Changes in Portugal

PORTUGUESE 5 MHz primemover Jose, CT1EEB, reports on changes to the 60m allocation in Portugal. These include some of the existing channels, plus the new WRC15 allocation:-

"Just received my 60m band license renewal from ANACOM. I am the first station in CT1 to be allowed to use the new WRC-15 60m. frequencies.

I have been authorized:

5371.5 kHz A1A & J3E

5403.5 kHz A1A & J3E

5351.5 - 5366.5 kHz A1A & J3E
(the new WRC-15 frequencies).

No power limit.

73 Jose CT1EEB "

(Tnx: CT1EEB, W8GEX)



.....and in Finland

JARI, OH2BU (aka OH2P on 60m) informs us that :-

" On Friday Oct. 28 our PTT announced that all OH stations will get permission to use 5351.5 – 5366.5 kHz starting Jan. 1st 2017 with 15 W eirp.

The special licenses which now are

valid for maximum of five years will continue to be valid till the end of each license. "

SRAL (Finnish national amateur radio society) 60m News Page <http://www.sral.fi/article.php?id=2458> (in Finnish)

(Tnx: OH2BU/OH2P, W8GEX)

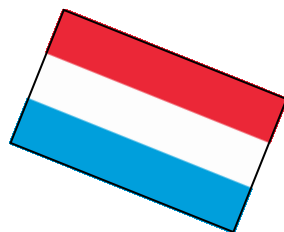


Luxembourg goes Live on 5 !

THE new WRC15 60m band has been released for amateur radio use in Luxembourg.

The update to the national frequency plan of the 3rd October, published in the *Memorial* (the official Luxembourg government publication) on 10th October allows the use from **5351.5 to 5366.5 kHz on a secondary basis with an "Effective Radiated Power" of 15W.**

http://www.ilr.public.lu/services_frequencies/planfrequencies/NTFA_3Oct2016.pdf



Luxembourg National Table of Frequency Allocations (see p.50)

They have a CW beacon LX0HF, maintained by national society **Radioamateurs du Luxembourg**, on 5205.25 kHz.

(Tnx: RL, LX1ER, W8GEX)



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5 MHz Allocation for Latvia



LATVIAN amateurs now have 60m following the introduction of their new amateur radio licence on August 9th 2016.

Access has been allowed to the new WRC15 60m /5 MHz allocation **5351.5 – 5366.5 kHz with a power of 15W eirp.**

The band is subject to a narrow transmit bandwidth of 800 Hz and

is permitted to Category A (i.e. top level) licence holders only.

Latvian government gazette notice giving new licence details (in Latvian)

<https://www.vestnesis.lv/op/2016/155.3>

Scroll down to Annex 1 for the Category A Class frequency table.

(Tnx: LRAL, VAS, W8GEX)

Belarus radio amateurs get 50 watts on 5 MHz

VLADIMIR, EU1M, IARU Liaison for BFRR, advises that amateurs of Belarus have been granted access to the 60 meter band (5 MHz) as follows:

- **5351.5 - 5366.5 kHz**
(continuous band)
- **50 Watts**
- **CW, SSB, Digital**
- **Secondary basis**

Operation is allowed to A (top) class license holders.

BFRR (Belarus national amateur radio society) site in Google English with amendments to the decision of 14 May 2009 № 02K / 09 <http://tinyurl.com/BelarusBFRR>

(Tnx: EU1M, BFRR, Southgate, VERON)



5 MHz Allocation Changes for Andorra



IN an Andorran government resolution dated 16 June 2016, Andorran Amateurs received news of a new 60m band, following requests from its national society, URA.

Andorra returns to 60m/5 MHz, but this time under the **new WRC15 allocation of 5351.5 – 5366.5 kHz with a maximum power of 15W eirp. CW and USB modes are permitted, with a maximum bandwidth of 5 kHz.**

The permission is temporary until 31 December 2016 and permanent from 1 January 2017 replacing Andorra's previous 60m allocation which concluded after WRC15.

URA (Unió de Radioaficionats Andorrans) Bandplan page: [contains link to official Andorran government document] http://www.ura.ad/Pla_de_Bandes.htm

(Tnx: URA, C31CT)

South African 5 MHz Expansion Request Makes Progress

THE SARL recommendation for a 5 MHz allocation presented to regulator ICASA earlier this year, following WRC15 has now received approval from the frequency spectrum department and a document is in preparation for submission to the Operating Committee.

The SARL proposal seeks the continued use of 5290 kHz for the WSPR propagation experiment and a secondary allocation of 100 kHz which includes the WRC agreed

range of 5351.5 - 5366.5 kHz plus that the power allowed be 26 dBW.

The SARL proposed 5350 - 5450 kHz which was the IARU proposal to WRC15. At WRC15 South Africa and members countries of the African Telecommunications Union supported the proposal. Some countries, such as the Netherlands went ahead and gave their radio amateurs access to the proposed 100 kHz.

(Tnx: ZS6QL, SARL)



UK Cadets and Amateurs intercommunicate on 5 MHz

TO celebrate the 75th Anniversary of the formation of the UK Air Training Corps (ATC) the Air Cadet Organisation (ACO) ran **Exercise Blue Ham** from noon on Saturday 18th to noon on Sunday 19th June 2016 using the 5 MHz (60m) Band with the agreed nominated amateur channels.

Flt. Lt. David Webb, RAFVR (T), Central & East Region Radio Communications Officer reports:-

Around the UK, ATC Squadrons, Wings and Regions set up and operated radio stations on the Band for the purpose of making contact with Radio Amateurs. Special call-signs were issued to the Cadet stations only useable during the period of this operation.

From the data gathered during the Exercise the logsheets show quite a variety of different and diverse antenna and radio set-ups with quite a few Amateurs operating 'out in the field'. The ATC set up 12 stations with an additional 1 Army Cadet Force (ACF/CCF) Station making 13 in total. Between the Cadet stations **they managed to log some 715 calls during the period of operation.**

Cadets and Staff who operated and logged details exchanged their call-sign, Maidenhead locator, power, signal report, type of antenna and orientation promptly as at times, 'pile-ups' started to occur.

Both Amateurs and Cadets struggled occasionally ex-

changing information due to some non-military phonetics being used, which Cadets were not accustomed to. Examples like 'Radio' instead of 'Romeo' and 'Italy' instead of 'India' were used, however I feel sure that both sides enjoyed the phonetic exchanges and got everyone thinking.

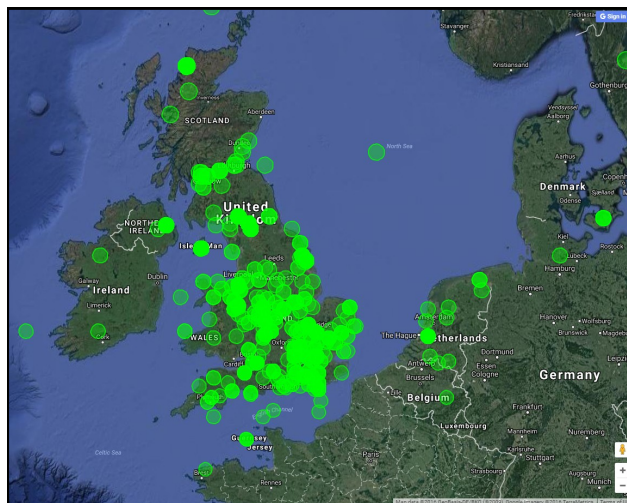
ACO/ACF stations that took part in the Exercise said that they enjoyed the time contacting the Amateur call-signs and being able to hop around the band using different channels to the ones they normally operate on and to be able, at times to have a constant rally of traffic which is not their normal radio operation. Looking at the logsheets we pretty well covered most parts of the UK with some European stations calling in.

Feedback from the Cadets:

"We would like to operate again using the same scenario as before, it has as it added interest to the overall operating experience."

"We gained more knowledge and understanding of working antennas and with other groups of operators and their procedures, albeit slightly different to ours."

"Following the initial buzz from the Exercise I feel sure that more Units will now want to provide a station next time around even if local Amateurs volunteer to help us out with setting up and running of it. Cadets can put into practice their radio training they have received." "Some interesting contacts, PA5V, G5FM, PI4FL/P, GD3YUM, GB100NWA, G3ATC"



Cadet's Map of Contacts Made during Exercise 'Blue Ham'

Feedback from Amateurs:

"The exercise was very useful, both as a training aid for Cadets and as an interoperability experiment with the Amateur Community." "Many Cadets obviously having their first experience at radio operating, a few really needed a little more briefing before being let loose, but also many very good operators."

"Some of the Amateurs participating didn't seem to quite understand what was going on and confused the Cadets by waffling a bit, that's Amateur Radio!"

"Great fun it was and from my location I heard a great many stations and it sounded as if everyone on both sides was making the effort to make it a cordial and worthwhile event."

"Some Amateur stations who can't normally operate on 60m put in a lot of effort to establish portable stations!" "Since I typed feedback I have heard several amateurs on 80 metre nets saying how impressed they were by the Cadets' operating skills and interest in the stations they worked." "There also seemed to be a feeling that



Team at MRE43

only amateurs who had been alerted by internet publicity seemed to understand that it was OK to reply to the 'Alpha Charlie' form of CQ. I hope that similar events can happen again to the benefit of both groups." "Military and amateur voice procedures are like chalk and cheese. Military procedure is formal, standardised and concise. Amateur procedure is casual, ad hoc and verbose." "The Cadets did well and I think all operators were patient and courteous with each other."

Also worthy of note is that websites overseas published the details of **Exercise Blue Ham**, in America, Germany, and Holland bringing a wide audience of listeners as well as operators.

Continued >>>>>

Cadets & Amateurs intercommunicate on 5 MHz continued..

A special mention goes to Cadet Sam Brooker for the amount of contacts he made during his period of radio operating in the station (1000hrs to 1800hrs on the Saturday and 1000hrs to 1200hrs on the Sunday). Cadet Brooker is a holder of a ACO Silver Communications Award so

was able to put his radio training to good use by talking to Licensed Amateurs and other Cadet Force stations. Cadet Brooker (see p.3) said " I am pleased with the outcome of the Exercise and look forward to doing it all over again, I have gained some valuable operating time and exper-

ience as well as enjoying it in the process. I have managed to speak to a lot of different people from many parts of the country " .

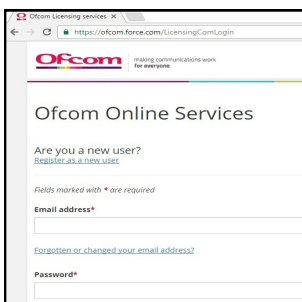
This was a National Radio Event and it is hoped that another such Exercise will take place in the near future.

Finally the Organisers would like to thank the effort and time put in by all call-signs to participate in this unique Exercise to celebrate the ATC 's 75th Anniversary year.

73 from all of the ATC Staff and Cadet Radio Team.

(Txn ACO, 2E0DIP)

Two Important Reminders for UK 5 MHz



for Amateur Radio Licenses', April 2016, p. 12, para. 2.62, p. 13, para. 2.66 and p.20, para. 2.122).

Apart from home operation, the only other option available is portable (i.e ' Temporary Location ') activity, so as such also requires a mobile phone number to be registered with Ofcom. The easiest way to do this is to go to Ofcom 's online licensing portal, log in with your details and there together with your licence contact details is provision for entering a mobile number. [Simples !]

A BANDPLAN for the new 5351.5 – 5366.5 kHz WRC-15 band was provisionally agreed at the IARU Region 1 Interim Meeting in April 2016. It will be incorporated into the UK band plan once the full segment becomes available to UK amateurs; at the moment, the USB frequencies 5354 kHz and 5363 kHz shown in the table are within the SSB / All Modes segment of the WRC-15 band. The proposed Weak Signal segment for very narrow band modes from 5366.0 – 5366.5 kHz also falls

within the UK 5MHz frequency schedule. The segments in red cannot currently be used in the UK.

A particular example is the use of digital modes on 5357 kHz. If the radio is set to 5357.0 kHz, any transmission greater than 1000Hz (1kHz) on the waterfall will be above 5358.0 kHz and therefore out of band. This will occur with JT65 and JT9 modes if the default frequency is left at 5357 kHz, so be very aware of where the transmitted signal lies.

(Txn: G4FSU, RSGB, Ofcom)

ALTHOUGH UK Full Licenses no longer need a Notice of Variation (NoV) to operate on 5 MHz, it is however still a licence requirement that **"the Licensee shall only operate on the band to the extent that the Licensee can be contacted on a telephone which is located in close proximity to the Station."** (' Ofcom Guidance Document

kHz	5351.5 5354.0	5354.0 5358.0	5358.0 5362.0	5362.0 5366.0	5366.0 5366.5
Modes	CW not UK	All Modes	Not UK	All Modes	Weak Signal

Postscript



Hi All,

As I write, the official commencement date for the new WRC15 60m band is only seven weeks away and already there have been early releases of allocations ranging from the basic WRC15 decision to higher powers, no power limits, interleaving with current Article 4.4 allocations - very much a mixture and something that we are very likely to see more of in the future.

Oh, and before I forget - Seasons Greetings to You All !

Paul Gaskell, G4MWO Editor, The 5 MHz Newsletter

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& The 5 MHz Logo
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