

The 144 MHz EME NewsLetter

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E77DX Bosnia & Herzegovina on EME

From 13 to 19 July 2009 Zdenek OK1DFC, Vaclav OK3VM and Zdenek OK3RM conducted a very intensive 5 band EME DXpedition to Bosnia Herzegovina, a very much wanted DXCC. On 144 MHz the group worked with 4 x 7 ele DK7ZBs, an ATF54143 LNA and some 500 watts out from a GI7B linear amp.



Though the activity was not exclusively focused on 2m but also on the higher bands 432 MHz, 1296 MHz, 2300 MHz and 3400 MHz Vaclav and the two Zdeneks managed to complete 109 QSOs on 144 MHz – five of them were in CW, the rest JT65. The best signal was received from RA6AX with -3 dB, followed by DM1CG with -4 dB (DF7KF's new antennas – 8 x 14 ele cross yagi – where DM1CG worked from apparently perform very well.).



Of course the team was not kept away from the usual problems during dxpeditions such as preamp failures or local thunderstorms (which probably are treated even more seriously now since the near miss of a lightning hit at the recent 403A activity.)

And of course the local temperatures close to 40 deg C did not make this an easy mission. However, being real Czechs the boys hopefully had brought some excellent Czech beer to fight the thirst.

The complete 144 MHz log is available on OK1DFC's website <http://www.ok1dfc.com> In the E7 DXpedition section. The team even wrote down the maximum signal strength of every QSO. So the log is also good for evaluation and comparison purposes.

(Photos: OK1DFC)

DUBUS 2m Digital EME Championship in July

The first DUBUS 2m Digital EME Championship is over now. There was some good activity on the band, also boosted by the then ongoing C37DXU DXpedition. Please do not forget to hand in your logs...no matter how big or small the QSO count may be. The deadline is 9 August 2009. Full details about scoring, multipliers, log entries etc are available at <http://www.marsport.org.uk/dubus/EMEContestNEW2009.pdf>

Upcoming DXpeditions in August

(For latest news on current and future dxpeditions check <http://www.mmmonvhf.de>)

LA/OH6ZZ to Arctic Circle cancelled

Sadly OH6ZZ had to cancel his very much awaited trip to the far North because of health reasons. We wish you all the best, Jussi!

Ogasawara again QRV on EME

Makoto JI5RPT (JD1BLY) and Yoshihi JO1LVZ (JD1BNF) will be active from Chichijima Island (IOTA AS-031, QL17CC) between 9 and 14 August 2009. As the ship might arrive too late on the 9th the start of activity could be postponed by one day to 10 August. For 2m they plan to use a 4 x 9 (1.8WL) h-pol yagi group and good power. A working frequency has not yet been determined but 144.105 and 144.090 MHz simplex is very likely.

Local moonrise/moonset times (all UTC) are

Aug.09	1202	Aug.09	2324
Aug.10	1233	Aug.11	0019
Aug.11	1307	Aug.12	0117
Aug.12	1345	Aug.13	0217
Aug.13	1430	Aug.14	0321



During a trip to St. Petersburg in June Rolf DK2ZF and xyl met Sergej RX1AS and Alex RU1AA. Next time again via moon... (Photo: DK2ZF)

Software

GJTRACKER Update

Lance W7GJ writes: "Thanks to the thoughtful feedback from Codrut, YO3DMU, I have learned that the GJAZEL.dat file generated by previous versions of GJTRACKER have shown the azimuth for the DX station instead of the HOME station. This of course is only noticed by somebody who is using an automatic tracking program to obtain aiming data from this file, which is updated every minute when GJTRACKER is run in REAL TIME mode.

Codrut wrote such an automatic antenna tracking program, and I am grateful to him for bringing this error to my attention. The corrected version 1.06 of GJTRACKER does now correctly transfer the HOME STATION azimuth and elevation to the GJAZEL.dat file: <http://www.bigskyspaces.com/w7gj/GJTRACKER.zip>"

Doug VK3UM announcing Software Updates

Doug VK3UM informs about updates to his famous software:

- InterDigitalFilter-Ver 1.67
 - minor addition to screen for minimising.
- VK3UM EMRCalc Ver 6.43
 - added ability to reduce EME level to 'proposed EU values' and below.
 - additional multiplier facility for rapid value change.
- EMECalc\EMECalc-Ver 6.03
 - moon noise now included in calculation (may be disabled)
 - UTAS - PI9CAM uW cal file added.
 - additional WSJT and common bandwidths preset selection
 - version history may be viewed from program

The software in a zip format may be obtained from

<http://sm2cew.com/download.htm>

<http://www.ve1alq.com/vk3um/>

http://www.vk3bez.org/vk3um_software.htm

Miscellaneous

DF2ZC swapping PCs

I will be swapping my 6 years old PC for a new one (with a Delta-66 soundcard!) within the next weeks. I hope to have all software transferred by the end of August but in case there should be more than the "usual delay" in uploading the EME newsletter...now you know why...73 Bernd

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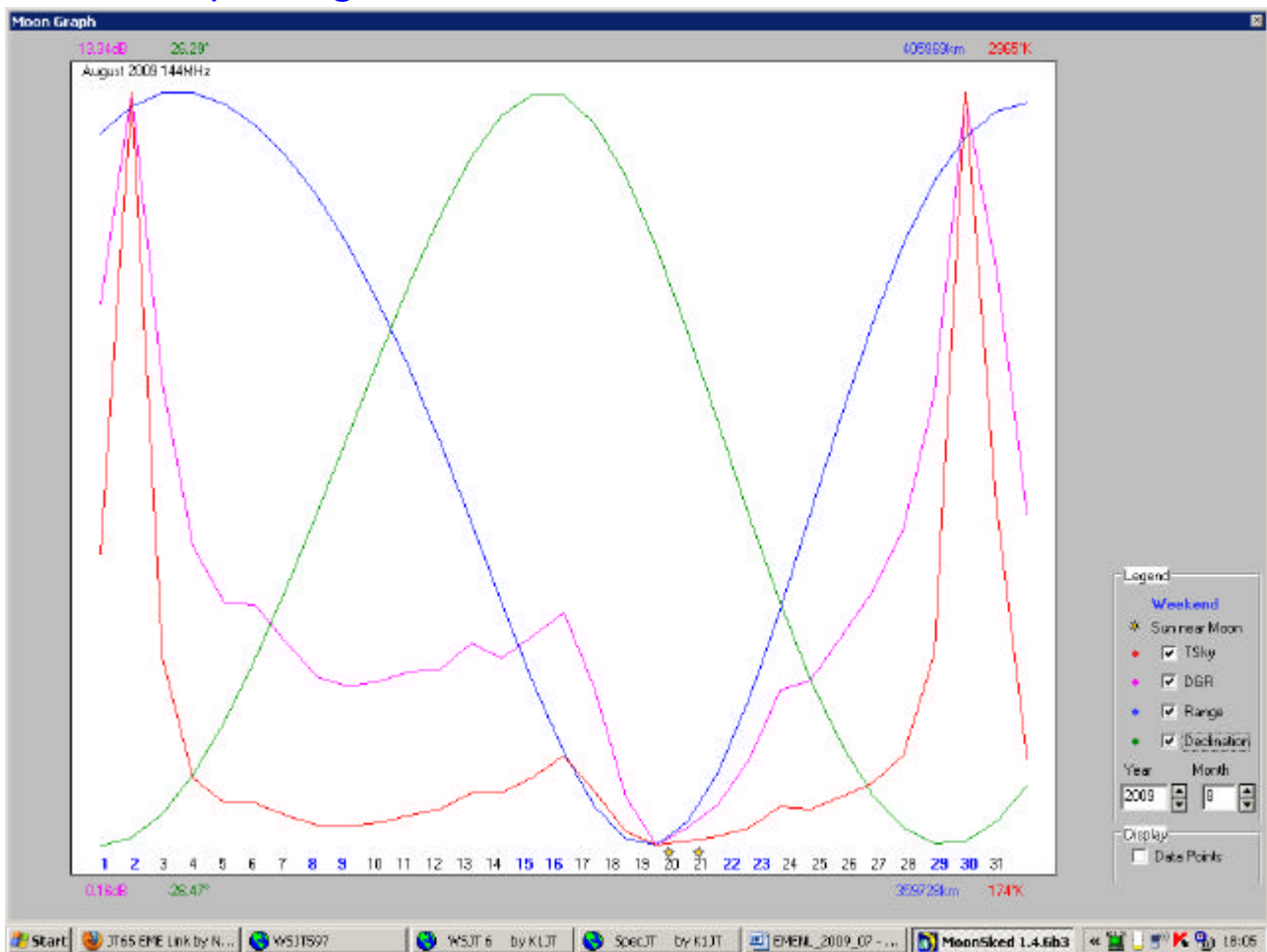
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Time Table

22 Aug 2009 0830-1130Z 1530-1830Z	DUBUS 2m CW Activity Event
24 Aug 2009	August Issue of the 144 MHz EME NewsLetter ready for download at www.df2zc.de/newsletter
12/13 Sep 2009	ARI EME Contest (CW/SSB)
10/11 Oct 2009	ARRL EME Contest
5/6 Dec 2009	ARRL EME Contest

Moon Graph August 2009



(Courtesy of David GM4JJJ (www.gm4jjj.co.uk/MoonSked/moonsked.htm))