

The 144 MHz EME NewsLetter

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Issue 9/2018 16 Sep 2018

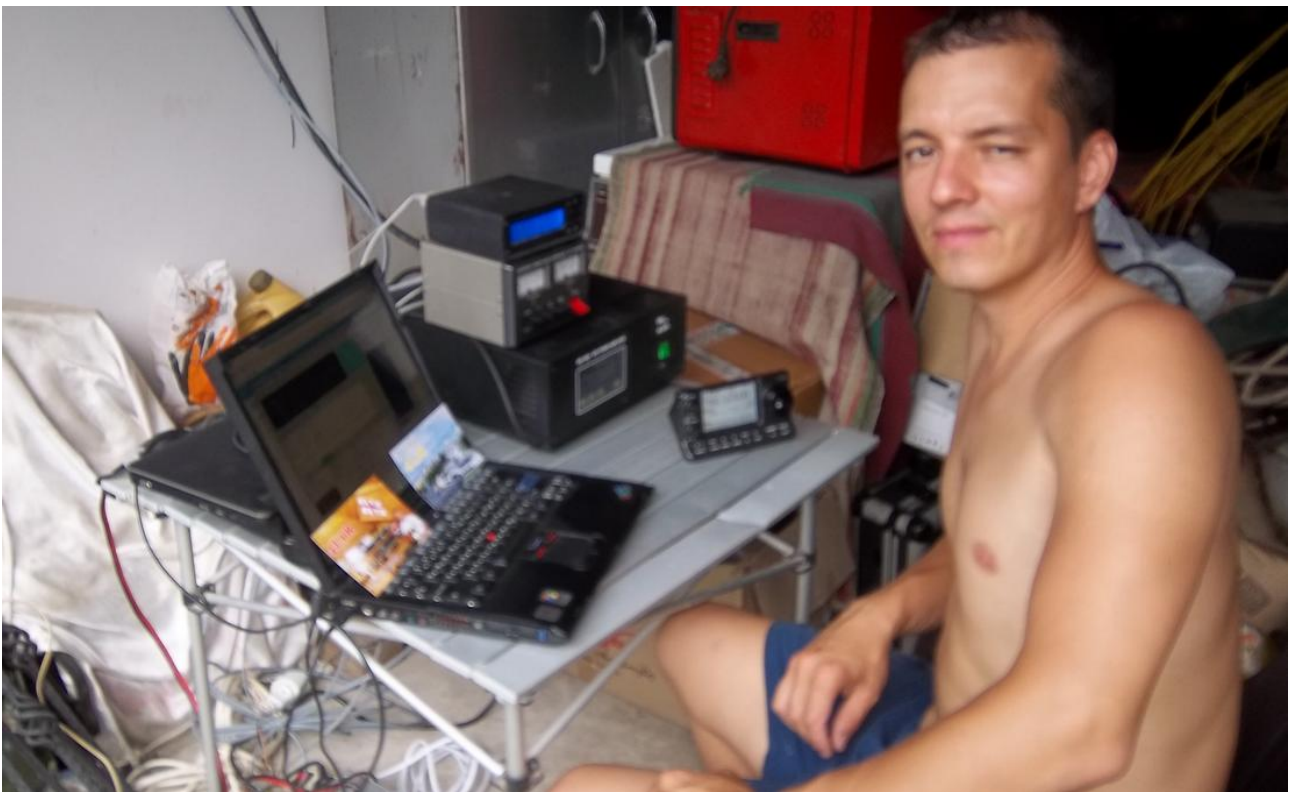
RM8A Activating Georgia



The two 13 elements yagis (vpol) at 4L/RM8A.

From July 14th to 20th Anton RM8A conducted yet another one-man EME DXpedition. This time he travelled to Georgia and became QRV as 4L/RM8A from LN02TD. Equipment was IC-7100, amp, 2 x 2 wl yagis and RZ9AT LNA. Already the travel was some kind of expedition: he started the ~3.000 km

journey by car on July 10th from Chelyabinsk and it took him two days to reach the border to Georgia. Here Anton had to wait some eight hours until he successfully passed. The next day, July 13th he finally arrived at Poti. Though Anton was very tired after this long travel at least the antenna setup was completed the same day. Pity he did not get permission to build everything at the beach – where there was less QRM. So he had to set up the station some 300 m away from there in a residential area. Also the weather forecast was not very promising for the next days: rain and thunderstorms were predicted. And indeed on the 14th a close-by thunderstorm resulted in losing the preamp. Anton had to take his antennas down, replace the LNA, bring them back up and only then could continue working the pile-up. The fact he had to work from a residential area at the QTH of 4L1R resulted in a permanent confrontation with QRM. This often made operating no fun.



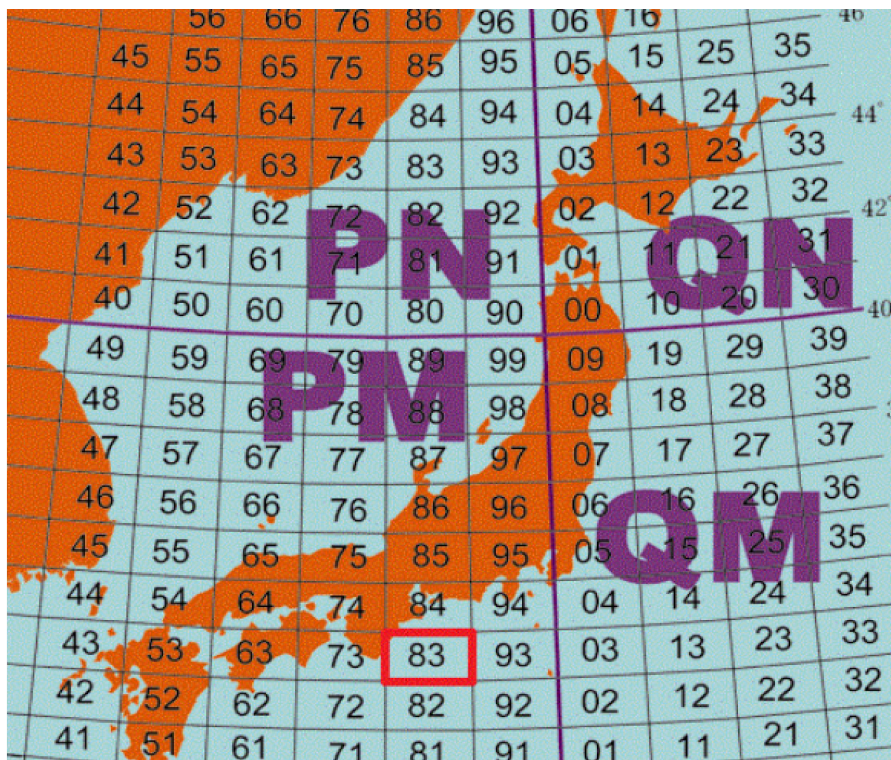
Yes...at least it was quite warm in Georgia (Photos RM8A)

Also on the 15th weather did not get much better. That day it had been raining 24 hours. Since his arrival to Poti it had been raining every day! For two days Anton had not yet seen neither blue sky nor the moon. At least the swr remained at 1.0: perfect! On the other hand the transceiver showed some issues that day which could only be rectified by performing a software update. This cost precious QRV time. Given all these problems Anton was very successful completing with more than 60 stations though during the first two days.

July 16th finally brought blue skies and the first optical moon. Only, it brought also a new QRM source from the neighbouring houses. Anton took a short break at the beach where he noticed that the coastline was equipped with the new LED lights. Hence, working from the seaside would not be an alternative as well, even if it was permitted. The new QRM stayed this and the next day, almost 24 hours permanently with 20 dB. The source could not be identified. And since the antennas could not be moved elsewhere, RM8A had to make the best of the disappointing situation for the next days. On July 20th all equipment was packed: the trip back home started the next day. Late in the

night on July 23rd Anton arrived back home – disappointed but still being proud having made the best of the situation with so many obstacles.

JN4JGK and Friends Activating Rare Grid PM83



PM83 is another nearly water square in Japan.

After their very successful one day activity from the rare square PM76 in 2017 this year JS3CTQ, JM3UGA and JN4JGK chose PM83 as DXpedition location. PM83 is another very rare Japanese grid square that even most Japanese stations have not worked, let alone the EME stations worldwide. It is in the South of the largest of the four major Japanese islands, Honshu. Only few square kms of Honshu extend into PM83, most of the square is water.

On May 19th the team was QRV using JN4JGK's callsign for some five hours, from 0700 to 1230 UTC. Equipment was IC-7100, SSPA, LNA and 2 x 13 ele vpol yagis. In the beginning their signal was vpol in Europe which gave the xpol equipped stations a competitive advantage in the pile-up. During the

next hours the propagation changed so that the signal from PM83 came in horizontal polarised, peaking with -18 at DF2ZC. So then also the hpol only stations could work the new square.

Now the EME community wonders where the team will go in 2019...

The photo left shows the proud DXpeditioners JS3CTQ, JM3UGA and JN4JGK. (All pictures JN4JGK)



18th EME Conference in the Netherlands

187 Participants were counted at the 18th International EME Conference from August 17th to 19th at Egmond aan Zee, Netherlands. As usual the conference focused on presentations on technical issues as well as propagation topics and others, for example a lecture about the very successful 3DA0MB DXpedition was given.



The attendees of EME 2018 (eme2018.nl)

At [https://ok1teh.rajce.idnes.cz/18th International EME Conference Holland 2018/](https://ok1teh.rajce.idnes.cz/18th%20International%20EME%20Conference%20Holland%202018/) Matej has uploaded a bunch of photographs he took during the conference. OK1AXH has also uploaded many photographs from Harry, PE1CHQ at <http://www.vhf.cz/fotogalerie/27/> Videos are at <https://youtu.be/4QSwD10l4mg>, <https://youtu.be/3AU-t-nc2Zs>, <https://youtu.be/12g-tl-RUQE>, https://youtu.be/8iv_gYPGT7s and https://www.youtube.com/watch?v=6_0p1g-VxMY. Most importantly with friendly permission from the organisers all presentations are also on the web: <http://www.vhf.cz/dokumenty/kategorie/21/>

The next EME conference will be held again in Europe, in summer 2020 in Prague, Czech Republic.

QSL Routing C8T DXpedition

Kurt ON8KW, team leader of the C8T group, informs that the QSL routing also for the EME QSOs made by C8T should go via Clublog OQRS <https://clublog.org/logsearch.php> and not any other route.

Upcoming DXpeditions

For more information on current and upcoming DXpeditions please have a look at www.mmmmonvhf.de from where most of the information here was gathered unless noted otherwise.

ZA5V (JN92RD) QRV From Albania

OE6FNG, OE6WIG, OE6YWD, OE6TQG, OE6JUE, OE6KAE, OE6JTD, OE6VCG and S59A plan an activity from Lake Shkodra Camping Resort, Albania as ZA5V from October 1st to 7th, QRV on HF and also on 2 m EME. (*Info dxworld.net*)

EME from the Roof of the World: Nepal

This year Kay JH3AZC and Taka JP3EXR want to be QRV from Nepal (Locator NL18XF, close to Anapurna mountain). Plan is from October 27th to October 31st. Further details will be known as they get closer to the date.

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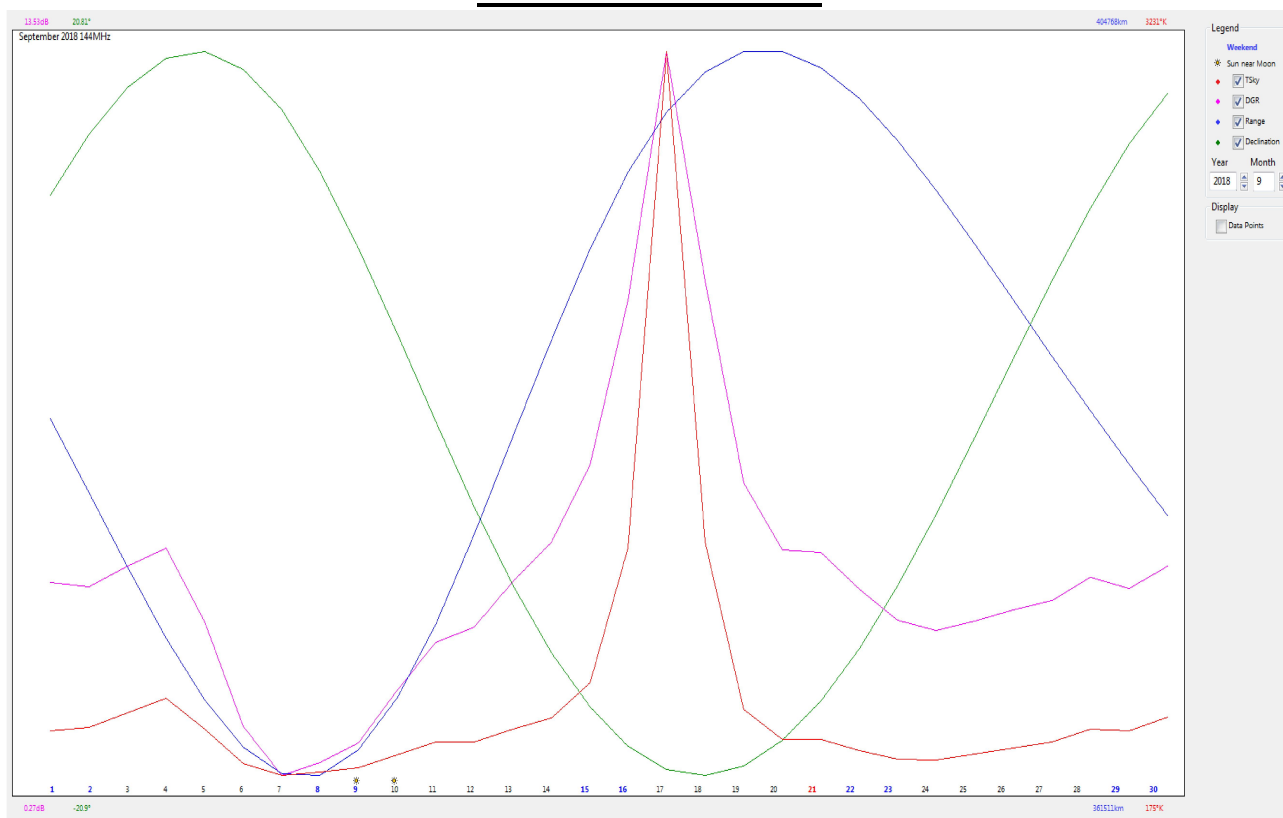
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DXpedition infos courtesy
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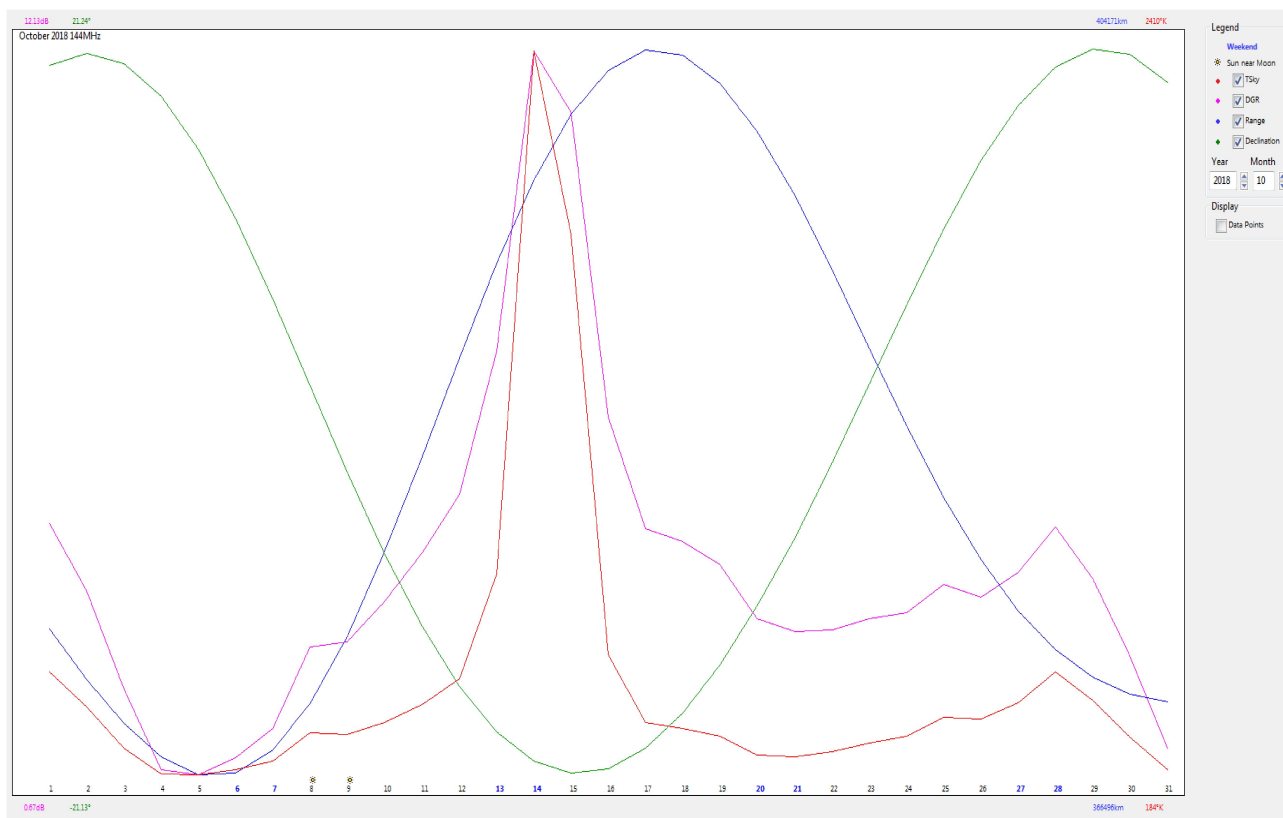
Time Table

7 October	October issue of the 144 MHz EME NewsLetter ready for download at http://www.df2zc.de
27/28 October 00-24Z	ARRL EME Contest 1 st leg

Moon Conditions



Moon Graph September 2018



Moon Graph October 2018

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