

The 144 MHz EME NewsLetter

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OJ0DX Market Reef QRV via EME



Not much above sea level – the two 7 elements (Photo DG5CST)

Around 60° Northern Latitude, there are two small DXCC entities in the Baltic Sea located between Sweden and Finland: OH0, the Aland Islands, and OJ0, Market Reef (JP90NH). The latter belongs partly to Sweden, partly to Finland and the finish part counts as a separate DXCC. The rock is just roughly 30000 m² and incorporates nothing but a light fire, a weather station and navigational transmitters. Being just max 2 m above sea level and without any port, landing on Market is always a challenge, depending on sea conditions and wave heights. Sometimes high waves would even spill

across much of the island. Hence, OJ0 is always a very much wanted DXCC let alone on the VHF bands.

After some years now this July there was again a DXpedition by Dietmar DL3DXX, Ben DL6FBL, Teemu SM0W and Sebastian DG5CST. Sebastian is an avid fan of the VHF/UHF bands and it comes as no surprise he brought 2 m and 70 cm gear. This meant the first chance to work OJ0 on these bands for quite some years.

On July 24th the team landed on Market and as expected it was no easy task to bring all the equipment from the boat to the rock. Eventually, they succeeded without damages or losses and Sebastian started to set up the 2 x 7 ele yagis for the 2 m band. Together with an eme sspa power amp he started to do some meteor scatter on 2 m first until then the moon finally rose above the horizon. After the first QSOs some kind of pile-up started and DG5CST started to give away the new DXCC. The two short yagis did a very good job, not just then but the entire stay. Though they were hpol only it was not a problem to work many stations. Somehow two 8-ele (+/- 1 element) have become a standard for successful EME DXpeditions on 2 m. As a result many EME hams could then tick "OJ0" as worked on 2 m – and some even on 70 cm though OJ0DX was running a single yagi only.

19th International EME Conference, Prague



The obligatory group photo at EME 2020 in August 2022 (Photo OK1TEH)

From August 12th to 14rd the 19th International EME Conference took place in Prague. Due to COVID it had to be postponed twice from 2020 to 2021 and then 2022. 136 EME hams congregated in the Top Hotel Praha. If you search "EME Conference" on youtube you can find some videos from the conference. It was also decided that the next EME conference will take place in the USA – in Trenton, NJ.

Upcoming DXpeditions

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

AG6EE Maybe in New Grid Squares

Due to too hot weather Petr AG6EE had to postpone his activity from the undisclosed "secret" location the first weekend in September. Depending on wx and his time available it may take place later this month.

J28MB (LK11PX) QRV 29 Oct – 8 Nov

Emil, DL8JJ, who is the HF CW operator of the J28MB DXpedition to Djibouti in October/November reports that he will bring 2 m EME equipment: FT-857D, 1000 W PHOENIX 1000 RFP , 1 x 2M12 M2, BPF Antennas-Amplifiers and SP-2 SUPER-AMP preamplifier. During his off air time slots on HF he will run 2 m EME in JT65B. Frequency will be determined on site.

Time Table

3 Oct	The October Issue of the 144 MHz EME Newsletter ready for download.
15 Oct -16 Oct	ARRL-EME-Contest

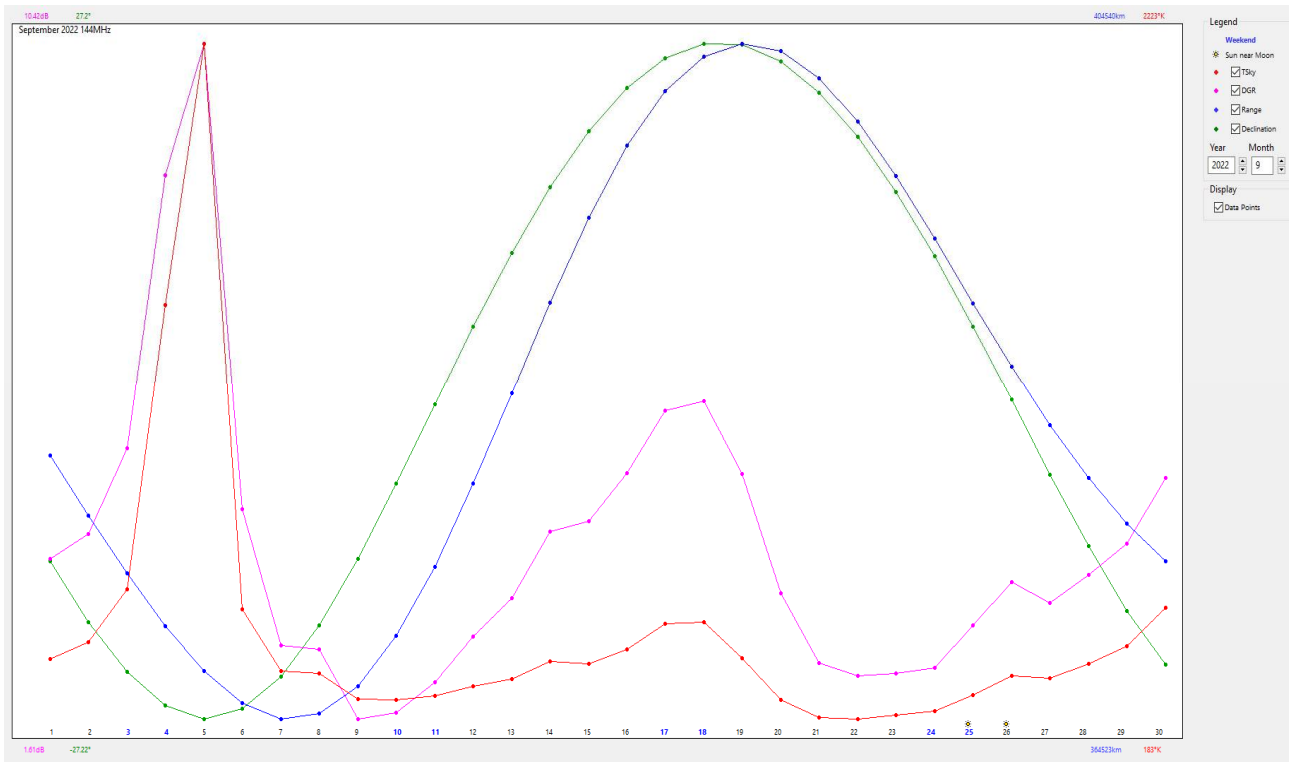
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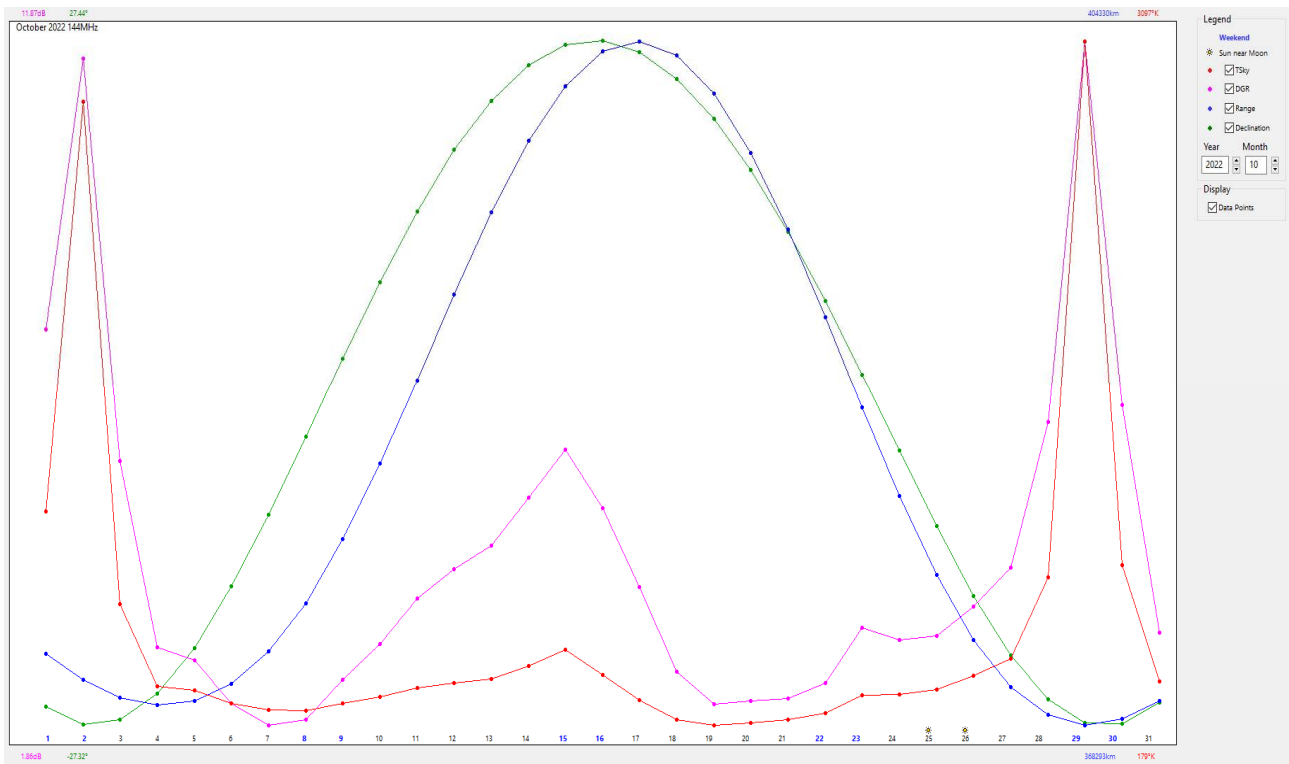
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Moon Conditions



Moon Graph September 2022



Moon Graph October 2022

(Courtesy of David GM4JJJ (sk 2019) www.gm4jjj.co.uk/MoonSked/moonsked.htm)