

2011 CQ WW DX Contest Extreme Category

The Xtreme category continues to attract contesters who are experimenting with interconnection between their operating positions and remote contest stations via the Internet. Sixteen entries were received this year.

The winner of the K3TUP Memorial Single-operator Xtreme trophy winner was Viliam, OM0AAO, operating as OM0A, and the K3TUP Memorial Multi-op Xtreme trophy winner was the IQ8MD group. Both plaques are sponsored by Tim Duffy, K3LR.

SSB

There were two standout entries. The KP2B multi-op team scored almost 2 million points, with their remote-controlled station on the island of St. Croix. Operators were WP3A and KP2BH on St. Croix; K2DER in Boca Raton, FL; and KP4TR in Tampa, FL.

They used the "RemoteRig" system to control a Kenwood TS-480SAT transceiver with a G5RV antenna on antenna #1 and a tribander for 10-15-20m on antenna #2. Their total Xtreme score, including normalized CQWW score and innovation points, was 154 out of a possible 200.

The top single-operator Xtreme entry was Viliam, OM0AAO, operating his remote station OM0A at his guest house in the village Tatranska Lomnica. He scored 1.2 million points with a very innovative, mostly home-brew remote system. Power on/off is controlled by GSM

switch and backed-up with UPS. The FT-1000MP transceiver is connected via RS-232 to the PC running HRD Server. Antenna rotation is controlled with Easy rotor interface by DF9GR.

Antennas include a Moxon tribander for 10-15-20m, GP for 40m, inverted-V for 80m, and a 26m tall vertical for 160. Remote connections use WIFI + DSL, with static IP. Viliam's Xtreme score was 176.

CW

The IQ8MD group operated in the M/M Xtreme category using the IZ3NVR call-sign and ran up a score of almost 4 million points. The operators were: IZ3KNK, IZ3NVR, IZ5MMB, IZ5MOQ, IZ5NFD, IZ8CCW, IK8LTB, and IZ8BGY. All of their stations were constantly linked through the software they used to link the logs online, Hamachi. The network was hosted at IZ3NVR's house and was constantly monitored to avoid network failures. The log used was the Italian QARTest developed by IK3QAR. A description of the station appeared in the writeup for last year. Their Xtreme score was 179 points.

The top single-op CW Xtreme entry was submitted by Jari, OH2XX. He scored nearly 3 million points, making use of a remote station for 160 meters using Remoterig system controlling a TS-480 and Henry 3k amplifier to a full-size 1/4-wavelength vertical. The remote station was connected via 3G HSPA. Jari's Xtreme score was 129 points.