

INTERNATIONAL CZECH ARDF CHAMPIONSHIP - BÍLOVICE N/S, CZE, APRIL 7-8, 2018

TECHNICAL SPECIFICATIONS FOR ARDF TRANSMITTERS

NIGHT ARDF COMPETITION

Details: classic 5 transmitters system, flags at the transmitters are replaced with reflective strips.

Equipment: CONTEST2012

RF power: 3 W

Antenna: 8 m vertical + 8 m single radial counterpoise

TX intervals: TX 1...5 (codes MOE...MO5): 1 min transmitting, 4 mins space.
finish beacon (code MO): continuous operation
Transmitting interval ends with a 2 sec dash.

Modulation: A1A.

Frequency: TX 1...5 (codes MOE...MO5): 3,550 MHz keying speed: 50 PARIS
finish beacon (code MO): 3,600 MHz keying speed: 50 PARIS

Registering devices: SportIdent at all controls. Control numbers and bands are written at the SI units.

Flags: reflective strips at all controls.

Markings in the terrain:

way to the start:	blue/white ribbons
start corridor:	red/white ribbons
finish corridor:	red/white strips
nature preserve boundary:	red strips on the trees

LONG DISTANCE ARDF COMPETITION

Details: Rules for classic competition. Competitors start at one band. At the beacon of this band there is the changeover point with refreshment station. This point acts as the start of the second band. Here competitors leave their receivers, take receivers for another band and continue on the other band. The beacon of the second band navigates to the overall finish of the race. Overall course lengths are roughly twice the usual classics.

Registering devices: SportIdent at all controls. Control numbers and bands are written at the SI units.

Flags: 30x30 cm 3-sided orange/white flags at all controls

Markings in the terrain:

way to the start:	blue/white ribbons
start corridor:	red/white ribbons
finish corridor:	red/white strips
nature preserve boundary:	red strips on the trees

144 MHz PART (classic 5 transmitters system)

Equipment: CONTEST2012

RF power: 3 W PEP

Antenna: crossed dipoles 3 m above ground level

TX intervals: TX 1...5 (codes MOE...MO5): 1 min transmitting, 4 mins space.
finish beacon (code MO): continuous operation
Transmitting interval ends with a 2 sec dash.

Modulation: A2A, AM 80%, 1kHz modulation tone.

Frequency: TX 1...5 (codes MOE...MO5): 144,500 MHz keying speed: 50 PARIS
finish beacon (code MO): 144,850 MHz keying speed: 50 PARIS

3,5 MHz PART (classic 5 transmitters system)

Equipment: CONTEST2012

RF power: 3 W

Antenna: 8 m vertical + 8 m single radial counterpoise

TX intervals: TX 1...5 (codes MOE...MO5): 1 min transmitting, 4 mins space.
finish beacon (code MO): continuous operation
Transmitting interval ends with a 2 sec dash.

Modulation: A1A.

Frequency: TX 1...5 (codes MOE...MO5): 3,550 MHz keying speed: 50 PARIS
finish beacon (code MO): 3,600 MHz keying speed: 50 PARIS