

TECHNICAL SPECIFICATIONS FOR ARDF CONTROLS



E1 (Friday September 4th, 2020): NIGHT ARDF COMPETITION (classic 5 transmitters system,)

Equipment: CONTEST2020, RF power 3W, modulation CW, antenna: 8 m vertical + 8 m 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.

Frequency: TX 1...5 (codes MOE...MO5): 3,530 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 band 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

E2 (Saturday, September 5th, 2020): 3,5 MHz CLASSIC (10 tx system, TX 1...5 (slow) at one frequency, TX R1...R5 (fast) at another frequency)

Equipment: CONTEST2020, RF power 3W, modulation CW, antenna: 8 m vertical + 8 m counterpoise

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

Frequency: TX 1...5 (codes MOE...MO5): 3,530 MHz keying speed: 50 PARIS
TX R1...R5 (codes MOE...MO5): 3,570 MHz keying speed: 70 PARIS
finish beacon (code MO): 3,600 MHz keying speed: 50 PARIS

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

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

Markings in the terrain:

way to start: blue/white ribbons
start corridor: red/white ribbons
finish corridor: red/white strips

E3 (Sunday, September 6th, 2020): 3,5 MHz SHORT TRACK (10 tx system, TX 1...5 (slow) at one frequency, TX R1...R5 (fast) at another frequency)

Equipment: CONTEST2020, RF power 3W, modulation CW, antenna: 8 m vertical + 8 m counterpoise

TX intervals: TX 1...5, 1R...5R (codes MOE...MO5): 30 sec transmitting, 2 mins space.
finish beacon (code MO): continuous operation
Transmitting interval ends with a 2 sec dash.

Frequency: TX 1...5 (codes MOE...MO5): 3,530 MHz keying speed: 50 PARIS
TX R1...R5 (codes MOE...MO5): 3,570 MHz keying speed: 70 PARIS
finish beacon (code MO): 3,600 MHz keying speed: 50 PARIS

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

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

Markings in the terrain:

way to start: blue/white ribbons
start corridor: red/white ribbons
finish corridor: red/white strips