

# ESTONIAN OPEN VHF/UHF/SHF FIELD DAY

## R U L E S 2009

The purpose of this open contest is to enhance the activity of VHF/UHF/SHF amateurs in Estonia and in the Baltic region and to establish as many contacts as possible during the contest periods. Also to work as many amateur radio stations from as many different WWL squares as possible. All contest's participants may work each other without limitations.

### 1. Contest periods and bands:

The second full weekend of August and the Friday prior to it every year (changed from 2009):

I period	432 MHz	15:00-21:00 UTC (i.e. 6 hours) on Friday evening
II period	1296 MHz	03:00-07:00 UTC (i.e. 4 hours) on Saturday morning
III period	144 MHz	15:00-21:00 UTC (i.e. 6 hours) on Saturday evening

NB! In addition, two separate periods are held on Sunday morning – 50 MHz and microwave subcontests, not counted to the Field Day result, but the participants with the best scores will be additionally awarded (see below):

IV period	2.3, 5.7 and 10 GHz	03:00-05:00 UTC on Sunday morning
V period	50 MHz	06:00-08:00 UTC on Sunday morning

### 2. Modes:

CW, SSB, FM. Frequencies according to the IARU Reg.1 Band Plan.

NB! Only one transmitted signal allowed per band regardless of the mode at any given time!

### 3. Categories:

#### 3.1 Field Day main contest categories:

- A - Single operator single band (SOSB – any one of the three bands chosen)
- B - Single operator multi band (SOMB – i.e. 144, 432 and 1296 MHz)
- C - Multi operator multi band (MOMB - i.e. 144, 432 and 1296 MHz)

NB! QSOs may be made on several bands without jeopardizing single band entry status.

Such additional contacts are encouraged and should be reported as check log. The chosen single band for SOSB account should be clearly indicated in the contest report.

#### 3.2 Categories in the subcontests on 50 MHz and microwaves:

- SO-SIX – Single operator (50 MHz)
- MO-SIX – Multi operator, single transmitter (50 MHz)
- Micro – General class, Single operator or Multi operator (2.3, 5.7 and 10 GHz)

#### 4. Contest exchange:

Signal report (RS or RST), serial number of QSO commencing with No 001 (starting from No 001 on each band!) and a full WWL symbol (like 599001 KP00AA). Entrants may not change the location of their station during the contest if entering multi band category. Location(s) used for IV and V periods is not related to the location chosen for the Field Day periods (144, 432 and 1296 MHz) and can be different.

EXCEPTION! The microwave contest on Sunday morning has continuous QSO numbering, i.e. you must not start from 001 while changing the microwave bands!

#### 5. Scoring:

50 and 144 MHz -	1 point per km of QRB
432 MHz -	2 points per km of QRB
1296 MHz -	3 points per km of QRB
2320 MHz -	7 points per km of QRB
5760 MHz -	9 points per km of QRB
10368 MHz -	11 points per km of QRB

QSO distance between two different stations located in the same WWL location (identical locators, like KP00AA<->KP00AA) count on:

50 and 144 MHz:	3 pts.
432 MHz:	6 pts.
1296 MHz and higher:	9 pts.

NB! For scoring in the contest (all periods) at least one two-way contact must be made with an amateur radio station located in Estonia (ES).

ATTENTION! Duplicate QSOs are allowed: A given station, regardless of mode, may be worked again for points credit AFTER TWO HOURS (120 min.) from the previous QSO.

EXCEPTION! In IV and V periods of the contest (Sunday morning) duplicate contacts are NOT allowed, i.e. each station can be worked only once on the given band regardless of mode.

\* For the computer scoring purposes the IARU recommended conversion factor of 111,2 km/degree must be used.

\* Contacts made through a repeater, via satellite or EME will not count for points.

\* Partial QSOs do not count. Both call signs, the full exchange and acknowledgement must be sent, received and logged.

## 6. WWL square bonus:

Each new worked WWL square (like KP00) counts for bonus points on:

50 and 144 MHz:	500 pts.
432 MHz:	1000 pts.
1296 MHz:	1500 pts.
2.3, 5.7 and 10 GHz:	2000 pts.

## 7. Band score:

Band score is calculated as QSO points on the given band plus the sum of the bonus points on this band.

Examples:

50 MHz:	$5\ 000 + (10 \times 500) = 10\ 000$ pts.
144 MHz	$10\ 000 + (20 \times 500) = 20\ 000$ pts.
432 MHz	$5\ 000 + (10 \times 1000) = 15\ 000$ pts.
1296 MHz	$2\ 500 + (5 \times 1500) = 10\ 000$ pts.
2320 MHz	$2\ 000 + (3 \times 2000) = 8\ 000$ pts. etc.

## 8. Total score:

The total score is calculated as the sum of the band scores (in multi-band categories).

ATTENTION! The score of the IV and V periods is calculated according to the same (above given) rules – reports must be presented separately for 50 MHz and microwave section. The total result of the microwave section is the sum of the scores achieved on each microwave band.

## 9. Logs:

Separate logs are required for each band. Log time - UTC. Use standard log-sheets or a logging program that generates no more than 40 QSOs per page. Each entry must be accompanied also by a summary sheet showing all scoring information, own WWL square, category, contestant's name, mailing address and a declaration that all contest rules and regulations for amateur radio in the country of operation have been observed. All operators of a multi-operator station must be listed by name and call-sign as well.

The contest committee recommends to use either the Logger program by SM0LCB or the CGLog2 program (ver. 2.60 beta) by LY2CG to create the log in electronic format. Besides the normal txt-files also ADI or EDI files are highly appreciated to enable smooth computer checking of the logs.

#### 10. Awards:

The Winners in the Field Day's main contest categories A, B, C as well in the subcontest categories SO-SIX and MO-SIX will be awarded with plaques. Special trophy is issued also to the winner of the Micro category.

Certificates will be awarded to the three top scoring stations in each above mentioned category. First place certificates will be awarded to the top scoring stations in each DXCC country. In the countries where the log returns justify (4 or more received logs) second and third place awards will be issued as well.

#### 11. Disqualification:

Violation of amateur radio regulations in the country of the contestant or the rules of the contest, also unsportsmanlike conduct, taking credit for unverifiable contacts will be deemed sufficient cause for disqualification. Actions and decision of the contest committee are official and final.

#### 12. Deadline:

Entries must be postmarked no later than September 1st and sent to:

E R A U  
(ES OPEN FD)  
P.O. Box 125  
10502 Tallinn  
E S T O N I A

Electronic logs sent via e-mail are encouraged, please send logs by September 1st to:

esfd@erau.ee

Please add your wishes, comments and photographs with your entry.

Thank you & CU in the Field Day!

ERAU VHF Committee