

**VHF Contests**  
**Organized by BFRA**  
**Bulgarian Federation of Radio Amateurs**  
**2016**

**"Day of Radio" , "LZ DX VHF/UHF Contest" and "LZ VHF Field Day"**

### 1. Participants

Participants in the VHF contests must be licensed radio amateurs. Participants must work under the terms of contest rules, their license (the maximum permitted power, frequency and type of modulation) and in the spirit of sportsmanship. Club stations must use only one callsign during the contest.

### 2. Categories

**SOSB** – single operator, single band  
**SOMB** – single operator, multi bands (144MHz and up)  
**MOSB** – multi operator, single band  
**MOMB** – multi operator, multi bands (144MHz and up)  
**FM** – one operator, only FM (**LZ participants only**)  
Not more than one transmitter per band may be used simultaneously. Participants must not change

### 3. Dates and Contest Period

<b>Contest</b>	<b>Starts</b>	<b>Ends</b>
Day of Radio	7 May 2016, 14h UTC	8 May 2016, 14h UTC
LZ DX VHF/UHF Contest	4 Jun 2016, 14h UTC	5 Jun 2016, 14h UTC
LZ VHF Field Day	2 Jul 2016, 14h UTC	3 Jul 2016, 14h UTC

### 4. Contacts

You may work each station only once per band regardless of mode and whether fixed, portable or mobile.  
Duplicate contacts should be clearly marked in the log. The logged but not scored duplicate contact won't be qualified as an error and will not be penalized.  
QSO's via repeaters, Moon bounce(EME), VoIP do not count.  
Contacts should be carried out according to the band plan on each band.

### 5. Bands and Type of Emmission

All authorized radio amateur bands - 50 MHz and up to 10GHz may be used, as authorized by local laws, regulations and license class. Type of Emmission: CW, SSB and FM.

### 6. Exchange

RS (or RST ) report, progressive serial number starting with 001 and six character QTH locator (Maidenhead Grid Locator)  
e.g.: 59005 KN22PR ( SSB ) or 599005 KN22PR ( CW ).  
Separate serial numbers per band!

### 7. Scoring

Scoring is distance based. In accordance with IARU reg. 1 recommendations. Points are calculated as follows:

- 50 MHz            1 point per km
- 144 MHz          1 point per km
- 432 MHz          2 points per km
- 1.3 GHz           4 points per km
- 2.4 GHz           8 points per km
- 5.6 GHz           12 points per km
- 10 GHz            20 points per km

Final score: sum of points by band.

## 8. Logs

Separate logs for each band The logs should be written in EDI format.

Participant's log must contain the following information:

- date and time (UTC)
- contact's callsign
- exchange sent – RS(T) + serial number + locator
- exchange received – RS(T) + serial number + contact's locator
- points

Summary page contains :

- callsign
- category
- QTH locator
- operators – names and callsigns
- address – postal and/or electronic
- equipment used
- final score

All entries must be submitted no later than 8 (eight) days after the contest.

- as an attachment file via e-mail to [vhf@bfra.org](mailto:vhf@bfra.org) (In the field "Subject" fill in the participants callsign.)

Late logs will be considered as check logs only.

## 9. Assessment

Assessment of the log entries will be made by contest comitee.

Violation of the rules of the contest or license conditions will disqualify the participant.

Points may be deducted for small errors in serial numbers or callsigns.

This will apply for both correspondents.

Points deducted for errors in the serial number or callsigns:

One error	25 %
Two errors	50 %
Three or more errors	100 %

When contact's grid square is received improperly or difference in time is more than 10 minutes - the participants are penalised by the loss of all points for the QSO.

## 10. Ranking

Ranking of participants will be done in the categories based on their final score.

**At least one** confirmed contact with bulgarian station is required for the participant to be ranked.

The final score for participants in multi bands categories will be formed as the sum of the results of each band. Bulgarian participants will be ranked in both categories of international participants and those only in Bulgarian.

## 11. Awards

Top ranked participants will receive certificates, medals, plaques

**73! Good luck to all! LZ1NY**

Do not forget to turn your antennas towards Bulgaria!

Special thanks to **Steve Potter ( G6HOQ )** for his assistance in translating this document