

# Sw.A.C. - Swiss Activity Contest

## **RULES 2021**

### **OBJECTIVE OF Sw.A.C.**

The main objective of Sw.A.C. - Swiss Activity Contest - is to keep the bands from 50 MHz going upwards more and more active, a portion of the radio spectrum among the most interesting in innumerable aspects, especially on weekdays. Since 2021 even on 80m and 160m.

### **PARTICIPANTS:**

All Swiss and Foreign OMs may participate.

### **DURATION:**

From January to December 2021.

### **SCHEDULE:**

From 19.00 to 23.00 local time (HB time)

### **EXCHANGE:**

The swiss participating stations must pass the RST report, the WW Locator complete with 6 digits and the canton. (ex. 59 JN45LX TI).

The foreign participating stations must pass the RST report and the WW Locator complete with 6 digits. (ex. 59 JN45LX).

Progressive numbers may be used, but are not mandatory.

### **MODE:**

Phone, CW and digital (basically RTTY, PSK, JT and FTx) in all bands.

Connections via EME, satellite or repeater of any type are not valid.

In each monthly session it is allowed doing a QSO with the same station in all three ways, in each band.

### **CATEGORIES:**

*Swiss OM (HB):*

- 1HB 50 MHz - second Thursday of the month (no HB3, max 100 W for HB9!)
- 2HB 144 MHz (HP and LP) - first Tuesday of the month
- 3HB 432 MHz (HP and LP) - second Tuesday of the month
- 4HB 1296 MHz - third Tuesday of the month (no HB3)
- 5HB 2.3 GHz & Up - fourth Tuesday of the month (no HB3, max 100W/10W)
- 6HB 80m (HP and LP) - third Thursday of the month
- 7HB 160m (HP and LP) - fourth Thursday of the month

### Foreigners OM (EC):

- 1EC 50 MHz - second Thursday of the month (see your country's laws)
- 2EC 144 MHz (HP and LP) - first Tuesday of the month
- 3EC 432 MHz (HP and LP) - second Tuesday of the month
- 4EC 1296 MHz - third Tuesday of the month (see your country's laws)
- 5EC 2.3 GHz & Up - fourth Tuesday of the month (see your country's laws)
- 6EC 80m (HP and LP) - third Thursday of the month
- 7EC 160m (HP and LP) - fourth Thursday of the month

HP = max 1000 Watt (for foreigners' station: please observe your country laws)

LP = max 50 Watt 2m/70cm and 100 Watt 80m/160m (HB3 automatic falls into this category)

### VALID QSO:

In order for the qso to be considered valid, it must require all the basic information: date, time in UTC, callsign of the correspondent, reports sent and received, locator of the correspondent complete with the 6 digits (even in FT8 and FT4; QSO with 4 digit locator are not valid) and Cantons for Swiss Stations. QSO from Remote Station are valid, only if you use the locator of the transmitter. Progressive numbers can be used on wish.

### VALID LOGS:

Just HB: a log is valid even without QSO with HB stations.

No HB: In order for the sent log to be considered valid it must contain at least one QSO with a Swiss station on any participation category.

### SOFTWARE AND LOG SEND:

Available Software: N1MM+, UCXLog and QARTest

Logs **in EDI format** for all SwAC sessions must be sent, within SEVEN days from the date of the session, to [swac@uska.ch](mailto:swac@uska.ch); upon receipt of the log in correct format confirmation of receipt will be given by e-mail. Log Name: example "2HB HB9OCR.EDI"

Logs can be re-sent, the last log received within the deadline will be accepted.

### MONTHLY SCORE:

- For all bands:
- for each qso between the stations a point a km will be obtained based on the qrb calculation between the declared locators.
- you will get a bonus of 250 points for each first qso with the locators JN26, JN35, JN36, JN37, JN45, JN46, JN47 and JN56; provided that the station resides in Switzerland, for a maximum 2000 points.
- you will get another bonus of 250 points for each first qso with the cantons of Wallis, Ticino, Uri and Graubünden, for a maximum 1000 points.
- you will get a bonus of 1000 points for each first qso with the locators JN56 and JN35, provided that the station resides in Switzerland, for a maximum 2000 points.
- on 80m and 160m, instead on extrabonus (4 cantons and specials locators), will calculate each canton as multiplicator (max 26xQRB)
- Swiss stations abroad will not be eligible for any additional bonuses.

- The monthly score for the 5HB and 5EC categories will be calculated taking into account a factor different multiplicative for each band according to the following scheme:

<b>Band Multiplicative factor</b>	<b>Maximum Power</b>
2.3 GHz x 2	max 100 Watt
5.7 GHz x 3	max 100 Watt
10 GHz x 4	max 100 Watt
24 GHz x 5	max 10 Watt
47 GHz x 6	max 10 Watt
77-81, 122-141, 240-250 GHz x 10	max 10 Watt

### **MONTHLY RESULTS:**

The results of the various rounds will be published by the date of the next session for this band on the official USKA website [www.uska.ch](http://www.uska.ch).

### **ANNUAL CLASSIFICATION:**

All competitors who have participated in at least one monthly session for this category enter the annual ranking of a category.

### **USKA SECTION CLASSIFICATION:**

This special classification will be drawn up by the Contest Manager.

- Each station to have its score accumulated in the USKA Section Ranking must explicitly indicate in its log in the PClub field = the call of its own section.
- To accumulate points for your section there must be at least two stations in that section session belonging to the same section.
- The participation of the section name is strongly recommended.

### **PRIZES:**

USKA will award the first station classified for each category with a plaque (HBx only), while the second and third an Award. Foreigners participants will receive a PDF Award. The awards distribution will take place during the KW / UKW Tagung 2022, place and date will be communicated to the winners in time.

Participants who will be unable to collect prizes during the day will receive the prize via postal delivery to the address provided to the Contest Manager.

**SwAC 2021**  
**Marco HB9OCR**  
**USKA Traffic Manager**