AMSAT-HB
"Hans-Rudolph Lauber, HB9RG Memorial Trophy"
Categorie: Distance

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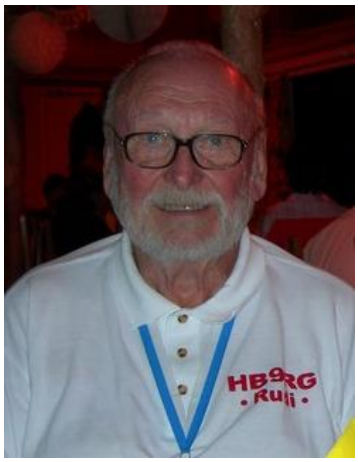

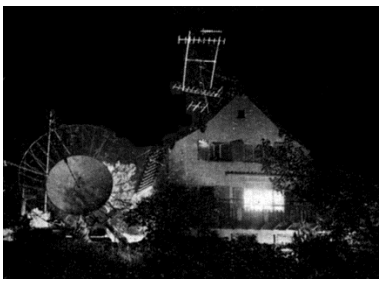

Regulations for the AMSAT-HB HB9RG Trophy – Category Distance

1. Introduction

On **10 March 1965**, a historic amateur radio satellite contact was achieved between HB9RG (Hans Rudolph Lauber) and DL6EZA (Alfons Häring). This first satellite communication between radio amateurs marked a significant moment in the history of amateur radio. The AMSAT-HB HB9RG Trophy honors this event and recognizes the interdisciplinary achievements of HB9RG.

The "Distance" category is the first to be activated within the framework of this trophy. It emphasizes the establishment of long-distance radio links rather than – as in many other contests – the number of QSOs. With this, AMSAT-HB aims to create a competition focused on technical and operational innovation while highlighting the historical legacy of HB9RG in a special way.

2. Contest period

The contest takes place every year over a period of two weeks during the first two full calendar weeks of March.

- Start: 00:00 UTC on the first Monday of the first full calendar week of March
- End: 23:59 UTC on the Sunday of the second full calendar week of March

3. Objectiv oft he contest

The objective is to establish the longest possible satellite radio contacts during the contest period using satellites orbiting the Earth in LEO, MEO, or HEO orbits. The ten longest valid contacts achieved during the contest period will be summed for scoring.

The use of GEO satellites is deliberately excluded at present, as equal treatment of participants cannot be guaranteed either on the GEO satellite itself or worldwide. Otherwise, participants located within the GEO satellite footprint would be advantaged.

4. Participation Requirements

- License: Participants must hold a valid amateur radio license.
- Operating Modes and Power: All operating modes specified or defined by the respective satellite operators may be used. Only the minimum power necessary to establish the respective contact should be used. Any risk to the satellite due to excessive transmit power must be avoided at all times.
- Station Types: Both single-operator stations and club stations may participate.
- Location and Remote Operation: In order to allow the ten contacts to be established as innovatively and with as much commitment as possible, contacts in Categories 1 and 2 may be made from different locators and call sign suffixes (or DX calls, provided the appropriate license is held). A fixed location is therefore not required. Remote operation is only permitted if the competent communications authority of the respective country explicitly allows it for this purpose.

- **Cetegories:**
    - Category 1: Portable stations using handheld transceivers and omnidirectional antennas (whip, telescopic)
    - *Category 2: Portablestations*
    - *3:* Fix Stationen

5. Operation and Contact Rules

Permitted Contacts: Contacts must be made via LEO, MEO, or HEO satellites allocated to the amateur radio service.

Repeated Contacts with the Same Station: The same station may be worked multiple times, provided it is located in a different locator square each time.

Distance Calculation: The distance between the two radio stations is calculated based on the center points of the 4-character Maidenhead locator squares. This is ensured using the evaluation tool provided by AMSAT-HB.

6. Scoring and Awards

- **Total Score:** The total score is calculated as the sum of the distances (1 kilometer = 1 point) of all ten radio contacts, plus additional bonus points if station HB9RG was worked at the bonus day.
- **HB9RG Bonus points**: Participants who work HB9RG on the bonus day receive an additional 500 km as bonus points. HB9RG may be worked in any amateur radio service bands and modes permitted (both via satellite and directly via HF and other bands), including via a geostationary satellite. For HB9RG, no distance points apply; only the 500 bonus points are counted.
- **Participation Certificate:** All participants will receive an electronic certificate, provided that the QSO data has been submitted in time using the AMSAT-HB evaluation tool.
- **Winner of the HB9RG Trophy:** The station with the highest score wins the HB9RG Trophy in the respective category. Winners will be informed personally and subsequently announced via the AMSAT-HB website and its social media channels. Further publications are possible.

7. Logbook and Submission of Results

- **Logbook entry:** AMSAT-HB provides a tool for recording and submitting contacts. The tool contains only competition-relevant data. The form of the tool will be announced on the AMSAT-HB website prior to the contest.
- **Sumbmission Deadline:** Complete logs must be submitted to AMSAT-HB by the end of March of the contest year.

8. Ethics and Fairness

AMSAT-HB appeals to the ham spirit of the participants and expects contacts to be conducted with the necessary commitment and innovation. Fairness and respectful behavior toward other participants and all other users outside the contest are essential prerequisites. The regulations governing satellite use set by the respective satellite operators must be strictly observed.

9. Conditions for Log Acceptance

AMSAT-HB reserves the right to randomly verify submitted logs to ensure the accuracy of the information. There is no entitlement to a trophy or prize money. AMSAT-HB decides each year on the manner in which the winners of the HB9RG Trophy are honored.

10. Report your own activities

AMSAT-HB encourages participants to report on their activities before and during the contest. When using social media, the hashtag **#HB9RGTrophy** should be used. Publications under this hashtag may be shared via the AMSAT-HB website.

Note: Participation is at the participant's own risk and in compliance with the applicable laws and regulations of the amateur radio service. AMSAT-HB assumes no responsibility for the activities of participants.