



AM1SAT 2025 CONTEST

The 5th Edition of the **AM1SAT Biennial Contest** Organized by URE and AMSAT-EA, will take place from **September 15th to 21st, 2025**, as part of the activities of the **IberRadio 2025 event - 10th Radiocommunications Fair**, the largest amateur radio event in Spain (<https://www.iberradio.es/>). This event will open its doors on **September 20th in Ávila**.

1. Competition period

The competition is held during the IberRadio week:

- **Start:** 00:00:00 UTC on Monday, September 15th, 2025.
- **End:** 23:59:00 UTC on Sunday, September 21st, 2025.

2. Competition goal

The goal is to establish the longest possible radio contacts during the competition through satellites orbiting Earth in LEO orbits. In total, **the 15 longest contacts during the competition period will be evaluated**. The use of a GEO satellite is deliberately avoided, as equal treatment among participants cannot be guaranteed either on the GEO satellite itself or worldwide.

3. Participation conditions

- **License:** Participants must hold the appropriate amateur radio license.
- **Operating modes:** All modes defined or permitted by the operators or owners of the respective satellites may be used. Only the minimum power required for the QSO in the satellite should be used. Participants must avoid endangering the satellite by excessive transmission power.
- **Station types:** Both individual stations and club stations may participate.
- **Location and remote operation:** For the 15 QSOs to be valid, they may be carried out from different locators and callsign suffixes (or DX callsign, if the appropriate license is held). A fixed location is not required, but the first four digits of the locator will be considered to determine a location change. Remote stations outside the regulation of the country are not allowed.
- **Categories:**
 - Category 1: Portable stations.
 - Category 2: Fixed stations.

4. Radio operation and connection conditions

- **Allowed QSOs:** QSOs must be made via amateur radio LEO satellites.
 - **Repeated QSOs with the same station:** The same station may be contacted multiple times, provided it is in a different 4-digit locator each time.
 - **Distance determination:** The distance between the two amateur radio stations is calculated using the midpoint of the Maidenhead 6-digit locators. This is ensured by the evaluation tool provided by AMSAT-EA.
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5. Evaluation and awards

- **Total points:** The total score is the sum of the distances (1 kilometer = 1 point) of the 15 farthest QSOs, plus bonus points provided by AM1SAT when contacted.
- **AM1SAT bonus points:** Participants who contact AM1SAT will receive an additional 2,500 km as bonus points. This can only be rewarded twice, provided they are not on the same satellite.
- **Certificate for participants:** All participants will receive an electronic certificate if QSO data has been submitted on time through the AMSAT-EA evaluation tool.
- **AM1SAT Trophy winner:** The station with the highest score wins the AM1SAT Trophy in its corresponding category. Winners will be personally notified and later announced on the AMSAT-EA website and social media.

6. Contact logging and submission of results

- **Contact logging:** AMSAT-EA provides a tool to log and submit contacts. This tool contains only the data relevant to the competition. The tool format will be announced before the competition on the AMSAT-EA website.
- **Deadline:** Complete logs must be submitted to AMSAT-EA before October 1st, 2025.

7. Ethics and fairness

AMSAT-EA appeals to the spirit of the participants and expects QSOs to be conducted with commitment and innovation. Fairness and respect for other participants and all other users outside the competition are essential requirements. The regulations for use must be observed.

AM1SAT Team
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