

The 2010 CQ WW DX Contest

RTTY: September 25-26, 2010

Starts 0000 GMT Saturday Ends 2400 GMT Sunday

- I. **OBJECTIVE:** For amateurs around the world to contact as many other amateurs in as many zones, countries, US states and VE areas as possible.
- II. **BANDS:** The 3.5, 7, 14, 21, and 28 MHz bands may be used. No 1.8 MHz or WARC bands allowed.
- III. **ENTRY CATEGORIES** (choose only one):

For all categories:

- Baudot mode only. No unattended operation or contacts through gateways or digi-peaters permitted.
- All entrants must operate within the limits of their chosen category when performing any activity that could impact their submitted score. Only the entrant's callsign may be used to aid the entrant's score.
- A different callsign must be used for each entry.
- All entrants must not exceed 1500 watts total output power, or the maximum output power of their country, or the power limit of their entry category, whichever is less, on any band.
- Self-spotting or asking other stations to spot you is not allowed.
- All operation must take place from one operating site. Transmitters and receivers must be located within a 500-meter diameter circle or within the property limits of the station licensee, whichever is greater. All antennas must be physically connected by wires to the transmitters and receivers used by the entrant.
- The entry location of a remote station is determined by the physical location of the transmitters, receivers, and antennas. A remote station must obey all station and category limitations.

A. Single Operator (All Band or Single Band): For all single operator categories, only one person (the operator) can contribute to the final score during the official contest period. **QSO alerting assistance of any kind (this includes, but is not limited to, Packet, local or remote Skimmer and/or Skimmer-like technology, Internet) places the entrant in the Single Operator Assisted category.**

1. Single Operator High (*SO High*): One person. One signal at a time. QSO alerting assistance of any kind is not allowed.
2. Single Operator Low (*SO Low*): Same as *SO High* except total output power per band must not exceed 100 watts.
3. Single Operator Assisted (*SOA*): One person. One signal at a time. QSO alerting assistance is allowed. No power subcategories.

NOTE: Each of these three entry categories can be entered as All Band (*AB*) or Single Band (*SB*). Single band logs must include all QSOs made on other bands, if any. The *AB* or *SB* entry category is specified in the log's Cabrillo header. Any QSOs in the log on bands other than the *SB* entry will be treated similar to a check-log.

B. Multi-Operator (all band operation only):

1. Single-Transmitter High (*MS High*): Only one transmitter, limited to 8 band changes in any clock hour (00 through 59 minutes). For example, a change from 20 meters to 40 meters and then back to 20 meters constitutes two band changes. Exception: One--and only one--other transmitter may be used if--and only if--the station worked is a new multiplier. This second transmitter is also limited to 8 band changes in any clock hour. Violation of the 8 band change rule will result in reclassification to the *MM* category. Logs must show which transmitter made each QSO ('0' for the primary transmitter and '1' for the second multiplier transmitter, shown in column 81 of the Cabrillo format).
2. Single-Transmitter Low (*MS Low*): Same as *MS High* except total output power per band must not exceed 100 watts.
3. Two-Transmitter (*M2*): A maximum of two transmitted signals at any time, each on a different band. Only one running transmitter allowed per band. Either transmitter may be used to work any and all stations. A station may be worked once per band regardless of which transmitter is used. Logs must show which transmitter made the QSO ('0' and '1')

shown in column 81 of the Cabrillo format). Each of the two transmitters may make a maximum of 8 band changes in any clock hour (00 through 59 minutes). For example, a change from 20 meters to 40 meters and then back to 20 meters constitutes two band changes. Violation of the 8 band change rule may result in reclassification of the entry to the *MM* category. No power subcategories.

4. Multi-Transmitter (*MM*): No limit to the number of transmitters, but only one signal and running transmitter allowed per band. No power subcategories.

IV. EXCHANGE: RST plus zone (e.g., 599 14). US and VE stations also send US state or VE area (e.g., 599 05 MA, see V. MULTIPLIERS below.)

V. MULTIPLIERS: Three types of multipliers will be used.

1. A multiplier of one (1) for each different zone contacted on each band.
2. A multiplier of one (1) for each different country contacted on each band.
3. A multiplier of one (1) for each different US "lower-48" state and VE area contacted on each band.

Stations are permitted to contact their own country and zone for multiplier credit. The CQ Zone Map, DXCC country list, WAE country list, and WAC boundaries are standards. Maritime mobile stations count only for a zone multiplier. One multiplier for each US state (48) and each Canadian area (14) on each band. Please use only official U.S. Postal Service abbreviations to identify states (e.g., Michigan = MI; Massachusetts = MA, Ohio = OH). *Note:* Alaska (KL7) and Hawaii (KH6) are counted as country multipliers only and not as state multipliers. Canadian areas (14 total) are as follows: NB (VE1, 9), NS (VE1), QC (VE2), ON (VE3), MB (VE4), SK (VE5), AB (VE6), BC (VE7), NWT (VE8), NF (VO1), LB (VO2), NU (VY0), YT (VY1), PEI (VY2).

VI. POINTS:

1. Contacts between stations on different continents are worth three (3) points.
2. Contacts between stations on the same continent but different countries, two (2) points.
3. Contacts between stations in the same country, one (1) point.

VII. SCORING: All stations: the final score is the result of the total QSO points multiplied by the sum of your zone, country and US state/VE area multipliers. *Example:* 1000 QSO points x 100 multipliers (20 Zones + 40 Countries + 40 States/Areas) = 100,000 (final score).

VIII. AWARDS: First place certificates will be awarded in each category listed under Section III in every participating country and in each call area of the United States, Canada, Russia, Spain, Australia and Japan.

All scores will be published. To be eligible for an award a Single Operator station must show a minimum of 12 hours of operation. Multi-operator stations must operate a minimum of 24 hours. A single-band log is eligible for a single-band award only. Single band entrants who also operate on other bands must include those QSOs in their logs. *Note:* The single band entry is specified in the Cabrillo header.

In countries or call areas where the returns justify, 2nd and 3rd place awards will be made.

IX. TROPHIES and PLAQUES: Plaques and trophies are awarded for top performance in a number of categories. They are sponsored by individuals and organizations. To the extent sponsors or winners purchase plaques, plaques will be awarded in the following geographical areas for each of the categories listed in Rule III for the following areas: World, North America, USA, Canada, South America, Africa, Europe, Asia and Oceania. For a current list of plaques and sponsors, or to learn how to become a sponsor, see www.cqwwrtty.com.

X. CLUB COMPETITION:

1. The club must be a local group and not a national organization.
2. Participation is limited to members operating within a local geographic area defined as within a 275 km radius from the center of club area (except for DXpeditions specially organized for operation in the contest; club contributions of DXpeditions scores are allocated on the percentage of club members on the DXpedition).
3. To be listed, a minimum of 3 logs must be received from a club, and a club officer must supply a list of participating club members to the Contest Director.
4. Indicate your club affiliation in the Cabrillo header, using exactly the club name listed on the club web page, www.cqww.com/clubnames.htm.

XI. LOG INSTRUCTIONS:

1. All times must be in GMT.
2. All sent and receive exchanges are to be logged.
3. **Electronic log submission:** We want your electronic log. The Committee **requires** an electronic log for any possible high-scoring entry. By submitting a log, the entrant agrees to have the log open to the public. If possible, we would appreciate complete frequencies in the log.
4. **E-mail Required Content:** *Please submit your log in the Cabrillo file format created by all major logging programs.*
 - a. Submit logs to rtty@cqww.com.
 - b. Be sure to put the **callsign only** in the "Subject:" line of the message. (This is the callsign used during the contest which may be different than the operator or station callsign.) Logs should be sent as an e-mail attachment and the filename for the log should be **call.log** (call used in the contest).
 - c. Entries from **Multi-Single, Multi-Two** or **Multi-Multi** stations must be merged into a single chronological log. **Multi-Single and Multi-Two** logs must **clearly** indicate which transmitter made each QSO (see Rule III).
 - d. If you are unable to submit a **Cabrillo** log, please contact the Contest Director for permission to submit another format.
 - e. Other questions pertaining to the CQ WW DX RTTY Contest may be sent to the Contest Director, Ed Muns, W0YK, POB 1877, Los Gatos, CA 95031-1877 USA, e-mail: w0yk@cqww.com.

XII. DISQUALIFICATION: Violation of amateur radio regulations in the country of the contestant, or the rules of the contest, unsportsmanlike conduct, taking credit for excessive duplicate contacts, unverifiable QSO's or multipliers will be deemed sufficient cause for disqualification.

Any use by an entrant of a non-amateur means including, but not limited to, telephones, email, Internet, Instant Messenger, chat rooms, VoIP, or the use of Packet to **solicit, arrange, or confirm** any contacts during the contest is unsportsmanlike and the entry is subject to disqualification.

An entrant whose log is deemed by the CQ WW DX RTTY Contest Committee to contain a large number of discrepancies may be disqualified as a participant operator or station for a period of one year. If within a five-year period the operator is disqualified a second time, he will be ineligible for any CQ contest awards for three years.

XIII. DEADLINE: All entries must be e-mailed to rtty@cqww.com NO LATER than **November 1, 2010**. Logs received after the deadline may be listed in the results but will be ineligible for any award.