

## Announcing:

# The 2004 CQ World-Wide WPX Contest

**SSB: March 27–28, 2004**

**CW: May 29–30, 2004**

**Starts: 0000 GMT Saturday    Ends: 2359 GMT Sunday**

**I. Period of Operation:** 48 hours. Single Operator stations may operate 36 of the 48 hours. Off times must be a minimum of 60 minutes in length and clearly marked in the log. Listening time counts as operating time. Multi-Operator stations may operate the full 48 hours.

**II. Objective:** The object of the contest is for amateurs around the world to contact as many amateurs in other parts of the world as possible during the contest period.

**III. Bands:** The 1.8, 3.5, 7, 14, 21, and 28 MHz bands may be used. No WARC bands allowed. **Observance of established band plans is strongly encouraged.**

**IV. Terms of Competition (for all categories):** 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. 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. All high power categories must not exceed 1500 watts total output power on any band. No self-spotting of any form on DX spotting nets is permitted for any category. Self-spotting is defined as generating packet spots for your contest callsign by: a) using your own callsign; b) spotting your call while using another callsign; or 3) spotting of your callsign by other stations as a result of prearranged solicitation.

### CATEGORIES

Note: CATEGORY and CATEGORY-OVERLAY\*\* names for use in the CABRILLO file header are shown in (*italics*.)

#### **1. Single Operator (Single Band and All Band) (*SINGLE-OP ALL HIGH or SINGLE-OP [BAND] HIGH*)**

- (a) One person performs all of the operating, logging and, for the Assisted category only, spotting functions. Only one transmitted signal is allowed at any time. **Maximum power allowed is 1500 watts total output.**

**(b) Low Power: (*SINGLE-OP LOW or SINGLE-OP [BAND] LOW*)** Same as 1(a) except that output power shall not exceed **100 watts**. Stations in this category will compete only with other low power stations.

**(c) QRP (*SINGLE-OP ALL QRP or SINGLE-OP [BAND] QRP*)** Same as 1(a) except that output power shall not exceed **5 watts**. Stations in this category will compete only with other QRP stations.

#### **2. Assisted/with Packet (*SINGLE-OP-ASSISTED ALL HIGH or SINGLE-OP-ASSISTED ALL LOW*)**

Same as 1(a) except the passive use (no self-spotting) of DX spotting nets or other forms of DX alerting is permitted. Stations in this category will compete only with other Assisted stations.

**(e) Tribander/Single Element (*TB-WIRES*)\*\***

Tribander (any type) for the high bands with a single feedline from the transmitter to the antenna, and single element low band antennas (wires) category. During the contest, an entrant shall use **only one (1) tribander** for 10, 15, 20 meters and single-element antennas on 40, 80, and 160.

**(f) Band Restricted (*BAND-LIMITED*)\*\***

An eligible entrant must hold a license restricting operation to less than the six (6) contest bands (160, 80, 40, 20, 15, 10) on both modes. Examples of such licenses in the USA are: Novice, Technician, 4 class license, etc. Since frequency privileges differ from country to country, competition is between stations within one's own country.

**(g) Rookie (*ROOKIE*)\*\***

To enter this category you must have been licensed as a radio amateur three (3) years or less on the date of the contest.

**\*\* These categories require an additional line in your Cabrillo header called *CATEGORY-OVERLAY*. See paragraph XIV.**

**2. Multi-Operator (All band operation only)**

**(a) Single-Transmitter (*MULTI-ONE*)**

Only one transmitter and one band permitted during the same time period (defined as 10 minutes). **Exception: One other band may be used during any 10-minute period if the station worked is a new multiplier. Use separate serial numbers for the multiplier station. Logs found in violation of the 10-minute rule will be automatically reclassified as multi-multi. Maximum power allowed is 1500 watts total output. Your log MUST show the correct serial number sent and received for each contact.**

**(b) Multi-Two (*MULTI-TWO*)**

A maximum of two transmitted signals at any time on different bands. Both transmitters may work any and all stations. A station may be worked only once per band regardless of which transmitter is used. **Each transmitter must keep a chronological log containing its own serial numbers and unique transmitter identifier.** Each of the two stations may make a maximum of 8 band changes in any clock hour (00 thru 59 minutes). For example, a change from 20 meters to 40 meters and then back to 20 meters constitutes two band changes. **Maximum power allowed is 1500 watts total output.**

**(c) Multi-Transmitter (*MULTI-MULTI*)**

**(d)** No limit to transmitters, but only one signal (and running station) allowed per band at any time. Note: All transmitters and receivers must be located within a 500 meter diameter area or within property limits of the station licensee, whichever is greater. All operation must take place from the same operating site. **Maximum power allowed is 1500 watts total output.**

**V. Exchange:** RS(T) report plus a progressive contact three-digit serial number starting with 001 for the first contact. (Continue to four digits if past 999 and five if past 9999.) **Multi-operator, multi-transmitter stations use separate serial numbers for each band. Your log MUST show the correct serial number sent and received for each contact.**

**VI. Contact Points:**

(a) Contacts between stations on different continents are worth three (3) points on 28, 21, and 14 MHz and six (6) points on 7, 3.5, and 1.8 MHz.

(b) Contacts between stations on the same continent, but different countries, are worth one (1) point on 28, 21, and 14 MHz and two (2) points on 7, 3.5, and 1.8 MHz. **Exception: For North American stations only—contacts between stations within the North American boundaries (both stations must be located in North America) are worth two (2) points on 28, 21, and 14 MHz and four (4) points on 7, 3.5, and 1.8 MHz.**

(c) **Contacts between stations in the same country are worth 1 point regardless of band.**

**VII. Prefix Multipliers:** The prefix multiplier is the number of valid prefixes worked. A PREFIX is counted only once regardless of the number of times the same prefix is worked.

(a) A PREFIX is the letter/numeral combination which forms the first part of the amateur call. Examples: N8, W8, WD8, HG1, HG19, KC2, OE2, OE25, etc. Any difference in the numbering, lettering, or order of same shall constitute a separate prefix. A station operating from a DXCC country different from that indicated by its callsign is required to sign portable. The portable prefix must be an authorized prefix of the country/call area of operation. In cases of portable operation, the portable designator will then become the prefix. Example: N8BJQ operating from Wake Island would sign N8BJQ/KH9 or N8BJQ/NH9. KH6XXX operating from Ohio must use an authorized prefix for the U.S. 8th district (W8, K8, etc.) Portable designators without numbers will be assigned a zero (0) after the second letter of the portable designator to form the prefix. Example: PA/N8BJQ would become PA00. All calls without numbers will be assigned a zero (0) after the first two letters to form the prefix. Example: XEFTJW would count as XE00. Maritime mobile, mobile, /A, /E, /J, /P, or interim license class identifiers do not count as prefixes. **You may not make up your own prefix.**

(b) Special event, commemorative, and other unique prefix stations are encouraged to participate. Prefixes must be assigned by the licensing authority of the country of operation.

### **VII. Scoring (QSO Points):**

1. Single Operator: (a) All Band score = total contact points from all bands multiplied by the number of different prefixes worked (prefix multiplier)(prefixes are counted only once). (b) Single band score = total contact points on the band entered multiplied by the number of different prefixes worked (prefix multiplier.)
2. Multi Operator: Scoring is the same as Single Operator, All Band.
3. A station may be worked once on each band for QSO point credit. Prefix credit can be taken only once.

**IX. QRP Section:** Single Operator only. **Output power must not exceed 5 watts.** You must denote QRP in the header of your Cabrillo file or, in the case of non-Cabrillo logs, on the summary sheet and state the actual maximum output power used for all claimed contacts. Results will be listed in a separate QRP section and certificates will be awarded to each top-scoring QRP station in the order indicated in Section XI.

**X. Low Power Section:** Single Operator only. **Output power must not exceed 100 watts.** You must indicate low power in the header of your Cabrillo file or, in the case of non-Cabrillo logs, on the summary sheet and state the actual maximum output power used for all claimed contacts. Results will be listed in a separate low power section and certificates will be awarded to each top-scoring low power station in the order indicated in Section XI.

**XI Awards:** Certificates will be awarded to the highest scoring station in each category listed under Section IV—

1. In every participating country

2. In each call area of the United States, Canada, Australia, and Asiatic Russia

All scores will be published. To be eligible for an award, a single operator station must show a minimum of 12 hours of operation and multi-operator stations must show a minimum of 24 hours of operation.

A single band log will be eligible for a single band award only. If a log contains more than one band, it will be judged as an all band entry unless specified otherwise.

In countries or sections where entries justify, second- and third-place awards will be made.

### **XII. Trophies, Plaques, and Donors:**

#### **SSB**

##### **Single Operator, All Band**

WORLD – Stanley Cohen, W8QDQ

USA – Atilano de Oms, PY5EG

EUROPE – Jim Hoffman, N5FA

SOUTH AMERICA – Ron Moorefield, W8ILC

OCEANIA – Phillip Fraizer, K6ZM Memorial

AFRICA – Peter Sprengel, PY5CC

JAPAN – The DX Family Foundation

WORLD Low Power – Caribbean Contesting Consortium

USA Low Power – Oklahoma DX Association

CANADA Low Power – Ontario Contest Club

USA QRP/p – Doug Zwiebel, KR2Q

USA ZONE 4 HIGH POWER - Society of Midwest Contesters  
USA ZONE 4 LOW POWER - Society of Midwest Contesters

**Single Operator, Single Band**

WORLD – John N. Reichert, N4RV  
WORLD 28 MHz – Alan Dorhoffer, K2EEK Memorial  
WORLD 7 MHz – William D. Johnson, KVØQ  
USA 21 MHz – Bernie Welch, W8IMZ Memorial  
USA 3.7 MHz – Lance Johnson Digital Graphics  
USA 14 MHz Low Power – Boomer Contest Club

**Multi-Operator, Single Transmitter**

USA – Steve Bolia, N8BJQ  
USA ZONE 4 – Society of Midwest Contesters  
ASIA – W2MIG Memorial (NT4TT Sponsor)

**Multi-Two**

WORLD – Doris Wong, AG1RL

**Multi-Operator, Multi-Transmitter**

WORLD – Gail Schieber, K2RED

**Contest Expedition**

WORLD – Kansas City DX Club

**CW**

**Single Operator, All Band**

WORLD – Steve Bolia, N8BJQ  
USA – Dennis Motschenbacher, K7BV  
EUROPE – Ivo Pezer, 5B4ADA/9A3A  
OCEANIA – Tom Morton, K6CT  
CANADA – Radio Amateurs of Canada (RAC)  
JAPAN – The DX Family Foundation  
WORLD LOW POWER – Caribbean Contesting Consortium  
USA ZONE 3 HIGH POWER – Jim Pratt, N6IG  
USA ZONE 4 HIGH POWER - Society of Midwest Contesters  
USA ZONE 4 LOW POWER - Society of Midwest Contesters

**Single Operator, Single Band**

WORLD 7 MHz – William D. Johnson, KVØQ  
WORLD 3.5 MHz – Lance Johnson Digital Graphics  
USA – Kansas City DX Club  
USA 28 MHz – Bernie Welch, W8IMZ Memorial  
USA 21 MHz – Wayne Carroll, W4MPY  
USA 14 MHz – W6EE Memorial (NN6EE Sponsor)

**Multi-Operator, Single Transmitter**

WORLD – Ron Blake, N4KE  
ASIA – W2MIG Memorial (NT4TT Sponsor)  
USA ZONE 4 – Society of Midwest Contesters

**Multi-Operator, Multi-Transmitter**  
WORLD, Steve Merchant, K6AW

**Contest Expedition**  
WORLD – Steve Bolia, N8BJQ

**Combined SSB/CW**  
**Single Operator, All Band**  
WORLD – Al Slater, G3FXB Memorial

**Club (SSB & CW)**  
WORLD – CQ Magazine

A station winning a World trophy will not be considered for a sub-area award. That trophy will be awarded to the runner-up for that area if the returns justify the award.

**XIII. Club Competition:** A trophy will be awarded each year to the club that has the highest aggregate scores from logs submitted by members. The club must be a local group and not a national organization. Participation is limited to members operating within a local geographical area (exception: DXpeditions specially organized for operation in the contest and manned by members). Indicate your club affiliation on the summary sheet or in the CABRILLO file. To be eligible for an award, a minimum of three logs must be received from a club.

**XIV. Instructions for Submission of Logs:**

(a) All times must be in GMT. All breaks must be clearly marked (not required for CABRILLO logs). Single operator and multi-single logs must be submitted in chronological order. Multi-Two logs must be submitted chronologically by station. Multi-multi logs must be submitted chronologically by band.

(b) All sent and received exchanges are to be logged. Logs without sent and received serial numbers will be reclassified as Checklogs.

**(b) Electronic submission of logs is the expected method for all participants. It is required for all top scoring entrants, for anyone wishing to compete for an award and for all who use a computer to log the contest or prepare contest logs.**

**(c) INSTRUCTIONS FOR CABRILLO LOGS:** The CABRILLO file format is the standard. Do not rely on your logging program – use a text editor (Wordpad, Notepad, DOS Edit) to make sure all of the CABRILLO header information is there, including the extra line in the header for CATEGORY-OVERLAY if you are entering the TB-WIRES, BAND-RESTRICTED or ROOKIE categories. Also be sure to indicate your club affiliation. For detailed instructions on filling out the CABRILLO file header, see the WPX Contest web site (<http://www.cqwp.com>.) Failure to fill out the header correctly can result in your entry being placed in the wrong category.

**(d) INSTRUCTIONS FOR NON-CABRILLO LOGS:** If you are not able to submit a CABRILLO log, you may submit the ASCII output from most of the popular logging programs such as TR, CT, NA, Writelog and SuperDuper. You may also submit the \*.BIN,\*.DAT \*.QDF files from CT, TR or NA. If your log is not in CABRILLO format, a separate summary sheet is required. Please name your files with your call and the file type. Example: N8BJQ submits a CABRILLO file. It should be named N8BJQ.LOG. If N8BJQ chose to submit a non-CABRILLO file such as TR's .dat file, he should name the log file N8BJQ.DAT and the summary file should be N8BJQ.SUM. See the WPX web site for more information on email log formats. Any logs sent on floppy disk should be on 3.5" diskettes and sent in a proper mailer to prevent damage. Non-CABRILLO Logs must be checked for duplicate contacts, correct QSO points, and prefix multipliers. Duplicate contacts must be clearly marked. An alpha/numeric check list of claimed PREFIX multipliers must be submitted with your log. Each non-CABRILLO entry must be accompanied by a Summary Sheet listing all scoring information, the category of competition, and the entrant's name and mailing address in BLOCK LETTERS. Also submit a signed declaration that all contest rules and regulations for amateur radio in the country of operation have been observed.

(e) E-mail is the preferred method of log submission. SSB CABRILLO logs should be sent to [ssb@cqwp.com](mailto:ssb@cqwp.com) and CW CABRILLO logs should be sent to [cw@cqwp.com](mailto:cw@cqwp.com). Remember that non-CABRILLO e-mail or disk

submissions require a summary sheet as well as the log file. All logs received via e-mail will be confirmed via e-mail. A listing of logs received can be found on the CQ WPX website at <http://www.cqwpix.com> and will be updated frequently.

(f) Official log and summary sheets are available from CQ. Fax or e-mail your request to CQ. You may make your own forms as long as all required information is present. Please remember to send in early for WPX contest log and summary sheets.

**XV. 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 QSOs or multipliers will be deemed sufficient cause for disqualification. An entrant whose log is judged by the WPX Contest Committee to contain an excessive 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.

**Declaration:** By submitting an entry in the CQ WPX Contest you agree that you have read and understood the rules of the contest and agree to be bound by them, as well as all rules regulations of your country which pertain to amateur radio. All actions and decisions of the WPX Contest Committee are official and final.

**XIII. Deadline:**

(a) All entries must be postmarked **NO LATER than May 1, 2004** for the SSB section and **NO LATER than July 1, 2004** for the CW section. All logs including e-mail entries are subject to these deadlines. **Indicate SSB or CW on your envelope.** Logs postmarked after the deadline may be listed in the results, but will be ineligible for any awards. Check the WPX website <http://www.cqwpix.com> for instructions on mailing WPX logs. Questions pertaining to the WPX Contest can be mailed to WPX Contest Director, Steve Merchant, K6AW, 441 Palo Alto Avenue, Mountain View, CA 94041 or via e-mail to [k6aw@cqwpix.com](mailto:k6aw@cqwpix.com).