

WRTC-2014 Team Selection Criteria

1. Qualifying Events

Anyone interested in operating in WRTC-2014 can attempt to qualify by operating in a variety of qualifying events between October 2010 and March 2013. Each qualifying event has a maximum point value that is factored into the qualifying score calculation. Listed below are the eligible contests for WRTC-2014, their point values, and in which years that each contest's results will be considered:

Contest	Value	Years in which scores can be counted				Number of scores
		2010	2011	2012	2013	
CQ WW CW	1000	X	X	X		3
CQ WW SSB	1000	X	X	X		3
CQ WPX CW	950		X	X		2
CQ WPX SSB	950		X	X		2
IARU	900		X	X		2
Russian DX Contest	900		X	X		2
ARRL SS CW	900	X	X	X		3 – US/VE only
ARRL SS SSB	900	X	X	X		3 – US/VE only
ARRL DX CW – for NA	900		X	X	X	3 – NA includes Z6/7/8
ARRL DX SSB – for NA	900		X	X	X	3 – NA includes Z6/7/8
ARRL DX CW – outside NA	800		X	X	X	3
ARRL DX SSB – outside NA	800		X	X	X	3
WAE CW	800		X	X		2
WAE SSB	800		X	X		2
All Asian DX CW	800		X	X		2
All Asian DX SSB	800		X	X		2
EUHFC	800		X	X		2 - EU only
NAQP CW (Jan/Aug)	800		X	X	X	Max 1/yr – NA/KH6 only
NAQP SSB (Jan/Aug)	800		X	X	X	Max 1/yr – NA/KH6 only
NA Sprint CW (Feb/Sep)	800		X	X	X	Max 1/yr – NA only
Oceania DX CW	800		X	X		2 – OC only
Oceania DX SSB	800		X	X		2 – OC only

- 1) There are 55 events. The number of qualifying events varies based on geography: US/VE/KP2/KP4 = 49; other NA = 43; Pacific ARRL Section = 38; other OC = 32; EU = 30; All others = 28.
- 2) New qualifying contests for WRTC-2014 are All Asian DX, NAQP, and Oceania DX.
- 3) For ARRL DX, NA includes W/VE, plus the other countries in NA (Caribbean, Central America, KL7, etc.).
- 4) For NAQP CW/SSB and NA Sprint CW, one score may be used per mode per calendar year.
- 5) Applicants may use up to 12 published scores from the above contests to calculate their qualifying score. Details of that calculation follow later in this document.

2. Category Weighting Factor

Weighting factors are applied to compensate for differences in competitiveness and activity level in the various entry categories.

Entry Category	Weight
SO HP (Single Operator High Power) (All Band or Single Band)	1.0
SO LP (Single Operator Low Power) (All Band or Single Band)	0.9
SO QRP (All Band)	0.7
SO Assisted (SO Unlimited)	0.8
SO Single Mode (in Mixed-mode contests only)	0.9
MS (Multi-operator Single-transmitter)	1.0
MS LP (ARRL DX, SS only)	0.9
M2 (Multi-operator Two-transmitters)	0.8
MM (Multi-operator Multi-transmitter)	0.8

- 1) Single Band scores are compared against All Band scores for the same power level.
- 2) Single Op Assisted scores are broken out by power level in those contests that have separate categories for them. See Section 5 for specific details.
- 3) Scores made from IARU HQ stations in the IARU HF Championship are not eligible.

See Appendix 1 for a list of all qualifying events and available weighting factors.

3. Selection Areas and Teams

To ensure a diverse international pool of teams for the competition, the world has been divided into Selection Areas that are used for grouping and calculating the qualifying scores. Team Leaders are selected from each Selection Area as shown in the table below.

Continent	Teams from Continent	Selection Area	Countries in Selection Area	Teams from Area
Europe	27 teams (maximum 2 per DXCC entity, except maximum 3 from DL)	EU #1	C3-CT-CU-EA-EA6-EI-F-G-GD-GI-GJ-GM-GU-GW-ON-PA-TK-ZB	5
		EU #2	3A-9H-DL-HB-HB0-I-IS0-IT9-LX-T7	5
		EU #3	ES-JW-JX-LA-LY-OH-OH0-OJ0-OY-OZ-R1FJ-SM-TF-YL	4
		EU #4	HA-OE-OK-OM-S5-SP	5
		EU #5	4O-9A-E7-ER-EU-LZ-SV-SV5-SV9-TA1-UR-YO-YU-Z3-ZA	5
		EU #6	UA1-6, UA2	3
North America	15 teams	NA #1	W1	1
		NA #2	W2	1
		NA #3	W3	1
		NA #4E	W4 (NC-SC-VA)	1
		NA #4W	W4 (AL-FL-GA-KY-TN)	1
		NA #5	W5	1
		NA #6	W6-W7(AZ-NV-UT)	2
		NA #7	W7(ID-MT-OR-WA-WY)	1
		NA #8	W8	1
		NA #9	W9	1
		NA #10	W0	1
		NA #11	VE1/2/3/9/VO/VY2, OX	1
		NA #12	VE4/5/6/7/8/VY1, KL7	1
NA #13	CQ Zones 6-7-8, 4U1UN, VP9	1		
Asia	5 teams	AS #1	CQ Zone 17, UA9 in zone 16	1
		AS #2	CQ Zones 18-19-23 (except BY)	1
		AS #3	CQ Zones 20 (AS portion), 21	1
		AS #4	CQ Zones 22-24-26-28(AS part), BY/23	1
		AS #5	CQ Zone 25 (HL-JA)	1
South America	2 teams	SA #1	CQ Zone 11 (PY-ZP)	1
		SA #2*	SA North – or – SA South	1
Africa	1 team	AF*	AF North/West – or – AF South/East	1
Oceania	1 team	OC*	OC South – or – OC North	1

Continent	Teams from Continent	Selection Area	Countries in Selection Area	Teams from Area
Total	51 teams			51

* In order to reduce geographical and propagation differences in sparsely populated areas, the following Selection Areas are further divided for score comparison:

Selection Area	Score Comparison Area
SA #2	SA North – CQ Zones 9-10
	SA South – CQ Zones 12-13
AF	AF North/West – CQ Zones 33-34-35
	AF South/East – CQ Zones 36-37-38-39
OC	OC South – CQ Zones 29-30-32
	OC North – CQ Zones 27-28-31

For brevity, some DXCC countries are left out of the lists above. It is obvious which area most belong to (ex: HV=EU #2; FP=NA #11). Antarctic stations use their CQ Zone to determine their selection area.

4. Special Teams

In addition to the geographically selected teams, there are other teams to be named by the WRTC organizing committee.

Team Name	Quantity	Description
Defending Champions	1 team	WRTC-2010 champions (RW1AC/RA1AIP)
Youth Team	1 team	Under age 25 at WRTC-2014
Sponsored Teams	4 teams	Sponsored Team #1 - #4
Wild Card	2 teams	WRTC-2014 Committee selection
Total	8 teams	

- 1) The Youth Team Leader position is awarded to the applicant born after July 12, 1989 with the highest qualifying score that does not already qualify for a “regular” Team Leader slot. Scores are calculated in the same manner as for all other applicants. The Youth TL must select another youth operator as his/her Teammate.
- 2) Wild Cards are reserved for the WRTC-2014 Committee to acknowledge exceptional efforts within the pool of applicants that did not otherwise qualify.

5. Qualifying Event Score Calculation

The Event Score for each qualifying event will be calculated based on the following formula:

$$\text{Event Score} = (\text{Contest value}) \times (\text{Category weighting factor}) \times (\text{Published final score} / \text{Maximum score in applicant's category from Selection Area}^*)$$

* If the "Maximum published score in applicant's category from Selection Area" is lower than the highest published score in any "lower" category from the same Selection Area, substitute the higher score as the reference score using the following category order and revised formula below.

Category order:

- 1) MM
- 2) M2
- 3) MS (only HP in ARRL DX, SS)
- 4) SO Assisted (only HP in ARRL DX, SS, CQ WPX, CQ WW)
- 5) SO HP (AB or SB)
- 6) SO Single Mode HP
- 7) MS LP (ARRL DX, SS only)
- 8) SO Assisted LP (ARRL DX, SS, CQ WPX, CQ WW only)
- 9) SO LP (AB or SB)
- 10) SO Single Mode LP
- 11) SO Assisted QRP (CQ WW only)
- 12) SO AB QRP

$$\text{Event Score} = (\text{Contest value}) \times (\text{Category weighting factor}) \times (\text{Published final score} / \text{Maximum score in lower category from Selection Area})$$

Example: W1AAA has a published final score of 3,000,000 in CQ WPX CW (Value = 950) as a M2 entry (Category Weighting Factor = 0.8). The maximum score in M2 in W1AAA's selection area (NA #1) is 4,000,000. Up to 3 operators at W1AAA may submit the following result from this contest:

$$950 \times 0.8 \times (3,000,000 / 4,000,000) = 570.0$$

If there was a MS HP (a "lower" category than W1AAA's entry category of M2) in NA #1 that had a published score of 5,000,000, then the calculation is:

$$950 \times 0.8 \times (3,000,000 / 5,000,000) = 456.0$$

Event Scores made outside an operator's home Selection Area are evaluated against the top score in the Selection Area from which the score was made.

Example: W1BBB (NA #1), operating from KP2, receives points from evaluating the score against other scores from NA #13 instead of against scores from NA #1.

6. Qualification Score Calculation

The Qualification Score is the sum of up to 12 Event Scores. The maximum possible qualification score is 11,600.

- 1) A maximum of 6 event scores may be from multi-ops (MS/M2/MM).
- 2) A maximum of 6 event scores can be from outside an applicant's home Selection Area (i.e., DXpeditions).
- 3) A maximum of 2 operators may submit scores for a single contest from a MS, 3 from a M2, and 5 from a MM.
- 4) If an operator's callsign appears with more than one entry in a single qualifying event (e.g., from operating at more than one station), they may not use any scores from that contest.
- 5) In the unlikely case of a tie score for the final qualifying spot in a Selection Area, the applicants will be asked for additional scores beyond those submitted on the application until the tie is broken.

7. Team Leader (TL) Qualifications

The qualification process results in the selection of Team Leaders for each selection area based on the following:

- 1) To qualify, a Team Leader **must apply** for WRTC-2014. There are no automatic qualifiers (except the Defending Champions).
- 2) Applicants are strongly urged to follow all rules in all qualifying contests, including the observance of power limits, use of spotting assistance, usage of remote receivers, Skimmer, etc. Personal integrity is an integral element of a WRTC participant.
- 3) Any operator whose callsign is published as being disqualified from any WRTC 2014 qualifying event forfeits the right to apply. Anyone receiving 1 Red Card or 2 Yellow Cards in CQ WW 2010/2011/2012 or CQ WPX 2011/2012 forfeits the right to apply. If the entry is in a multi-operator category, all listed operators forfeit the right to apply.
- 4) If a TL qualifies and then declines the invitation to attend WRTC-2014, the next qualifying applicant is then invited.
- 5) A TL must be prepared to provide proof of valid residence in his claimed Home Selection Area at the time of submitting an application in 2013. Such proof may include passport, resident alien status document, landed immigrant status document, work permit, tax bills, and the like, and should be sufficient to demonstrate legitimate residence and presence in the Selection Area.
- 6) A TL must be prepared to provide proof of valid residence in his claimed Home Selection Area at the time of all contests for which results are submitted. Such proof may include passport, resident alien status document, landed immigrant status document, work permit, tax bills, and the like, and should be sufficient to demonstrate legitimate residence and presence in the Selection Area.
- 7) The WRTC2014 Committee has sole authority in deciding whether a TL candidate has

provided sufficient proof to demonstrate residence in the claimed Home Selection Area for each contest and at the time of application. The Committee reserves the right to re-classify an applicant's Home Selection Area based on its own judgment. Any applicant providing fraudulent documents relating to residency will be declared ineligible to participate in WRTC2014 as TL, TM or referee, and will be reported to the WRTC Sanctioning Committee for possible disqualification from future WRTCs.

The application form and entry deadline (likely to be September, 2013), will be announced at a later date.

8. Teammate (TM) Qualifications

Each Team Leader may select a Teammate (TM) from anywhere in the world.

- 1) An operator whose callsign is published as being disqualified from any WRTC 2014 qualifying event, and/or receiving 1 Red Card or 2 Yellow Cards in CQ WW 2010/2011/2012 or CQ WPX 2011/2012 forfeits the right to participate as a Teammate. If the entry is in a multi-operator category, all listed operators forfeit the right to participate as a Teammate.

9. Questions

Questions regarding the selection criteria or qualifying process may be submitted to selection@wrtc2014.org

A frequently asked questions (FAQ) page will be available on the WRTC 2014 Web site to provide rules clarification as necessary.

The WRTC 2014 organizing committee reserves the right to modify the qualification process to correct errors or provide clarification. Any changes will be announced on the WRTC 2014 Web site.

Appendix I

The following table illustrates which categories are currently available in each qualifying contest. This list may change as contest sponsors add or remove categories.

CONTEST	VALUE	----- CATEGORY WEIGHTING FACTOR -----										
		SO HP	SO LP	QRP	SO A	SO Single Mode	SO SB HP	SO SB LP	MS HP	MS LP	M2	MM
CQ WW CW	1000	1.0	0.9	0.7	0.8	--	1.0	0.9	1.0	--	0.8	0.8
CQ WW SSB	1000	1.0	0.9	0.7	0.8	--	1.0	0.9	1.0	--	0.8	0.8
CQ WPX CW	950	1.0	0.9	0.7	0.8	--	1.0	0.9	1.0	--	0.8	0.8
CQ WPX SSB	950	1.0	0.9	0.7	0.8	--	1.0	0.9	1.0	--	0.8	0.8
IARU	900	1.0	0.9	0.7	--	0.9	--	--	1.0	--	--	--
Russian DXC	900	1.0	0.9	0.7	--	0.9	1.0	0.9	1.0	--	0.8	--
ARRL SS CW	900	1.0	0.9	0.7	0.8	--	--	--	1.0	0.9	--	--
ARRL SS SSB	900	1.0	0.9	0.7	0.8	--	--	--	1.0	0.9	--	--
ARRL DX CW	900/800	1.0	0.9	0.7	0.8	--	1.0	0.9	1.0	0.9	0.8	0.8
ARRL DX SSB	900/800	1.0	0.9	0.7	0.8	--	1.0	0.9	1.0	0.9	0.8	0.8
WAE CW	800	1.0	0.9	--	--	--	--	--	1.0	--	--	--
WAE SSB	800	1.0	0.9	--	--	--	--	--	1.0	--	--	--
All Asian DX CW	800	1.0	0.9	--	--	--	1.0	0.9	1.0	--	--	0.8
All Asian DX SSB	800	1.0	0.9	--	--	--	1.0	0.9	1.0	--	--	0.8
EUHFC	800	1.0	0.9	--	--	0.9	--	--	--	--	--	--
NAQP CW (Jan/Aug)	800	--	1.0	0.7	--	--	--	--	--	--	0.8	--
NAQP SSB (Jan/Aug)	800	--	1.0	0.7	--	--	--	--	--	--	0.8	--
NA Sprint CW (Feb/Sep)	800	1.0	0.9	0.7	--	--	--	--	--	--	--	--
Oceania DX CW	800	1.0	0.9	--	--	--	1.0	0.9	1.0	--	0.8	0.8
Oceania DX SSB	800	1.0	0.9	--	--	--	1.0	0.9	1.0	--	0.8	0.8

Copyright © 2010 by WRTC 2014, Inc.

P.O. Box 444, Hanover, NH 03755

Email: info@wrtc2014.org

Web: www.wrtc2014.org