

CQ WW DX Contest

New Tools, New Rules



CCF Tallinn
February 1, 2014

Randy Thompson, K5ZD
Director – CQ WW DX Contest



World Wide
DX Contest

About K5ZD



World Wide
DX Contest

- Licensed in 1973
- First CQWW in 1976
- Member of CQ Contest Hall of Fame
- Director of CQ WPX Contest 2008-2013
- Co-Chair of WRTC 2014



CQ WW CW 2007



Hall of Fame 2008 (with I2UIY)

CQ WW Committee Members



World Wide
DX Contest

5B4WN	K1DG	N5KO	US0LW
CT1BOH	K1EA	N6TR	VE3EJ
DL6RAI	K3LR	N8BJQ	W5GN
EA4KD	K3WW	N9RV	YU1EW
F6BEE	K3ZO	OH6LI	ZS4TX
G0MTN	K5TR	PA3AAV	
HA1AG	K6AW	RA3AUU	
IK2QEI	LY3BA	S50A	N2NT – 160m
JH5GHM	LZ2CJ	S50XX	N4TZ - WPX
K1AR	N2NC	UA9CDC	W0YK - RTTY

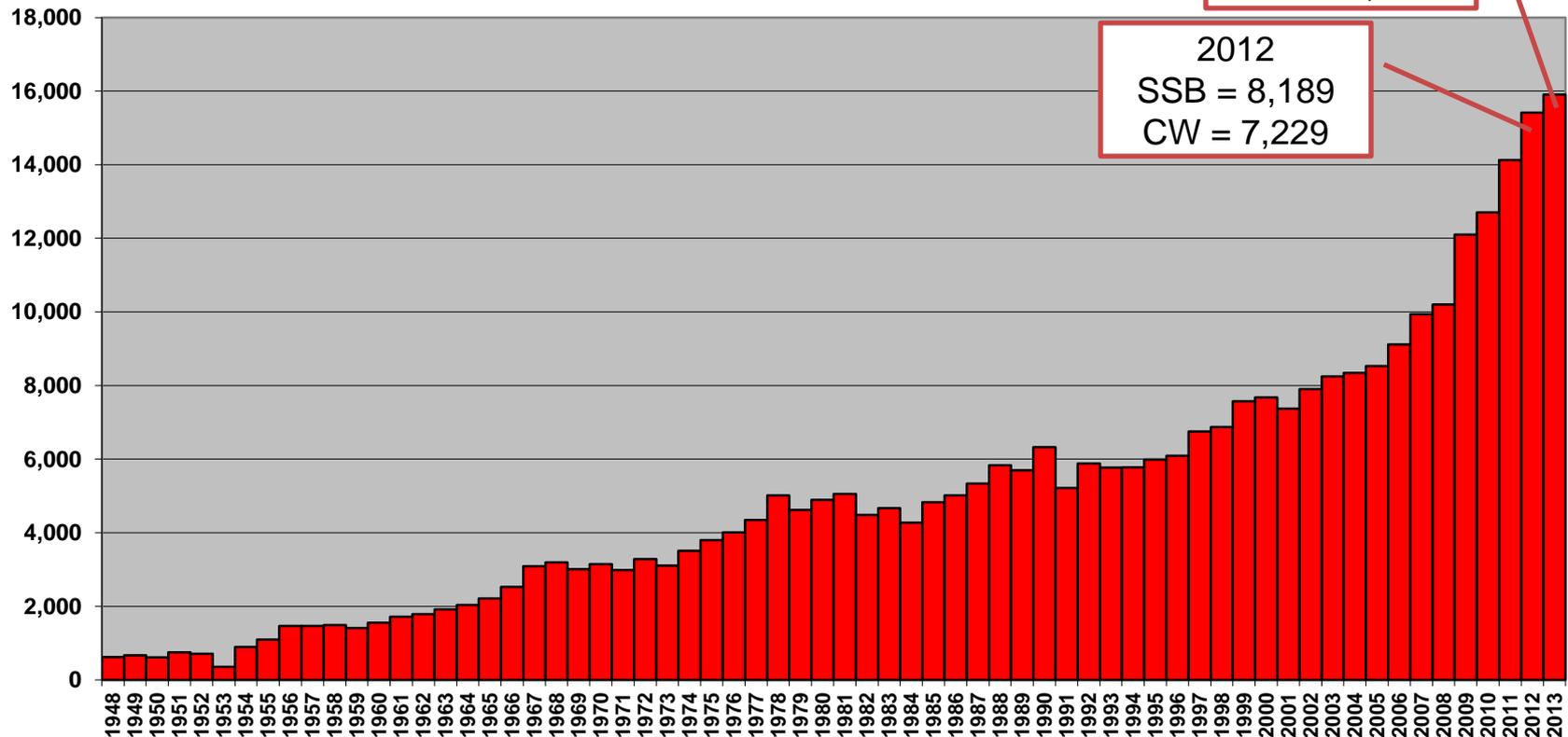
**Help with advice, log checking, and gathering
feedback from contesters around the world**

CQ WW Keeps Growing!



World Wide
DX Contest

CQWW DX logs received (SSB+CW)



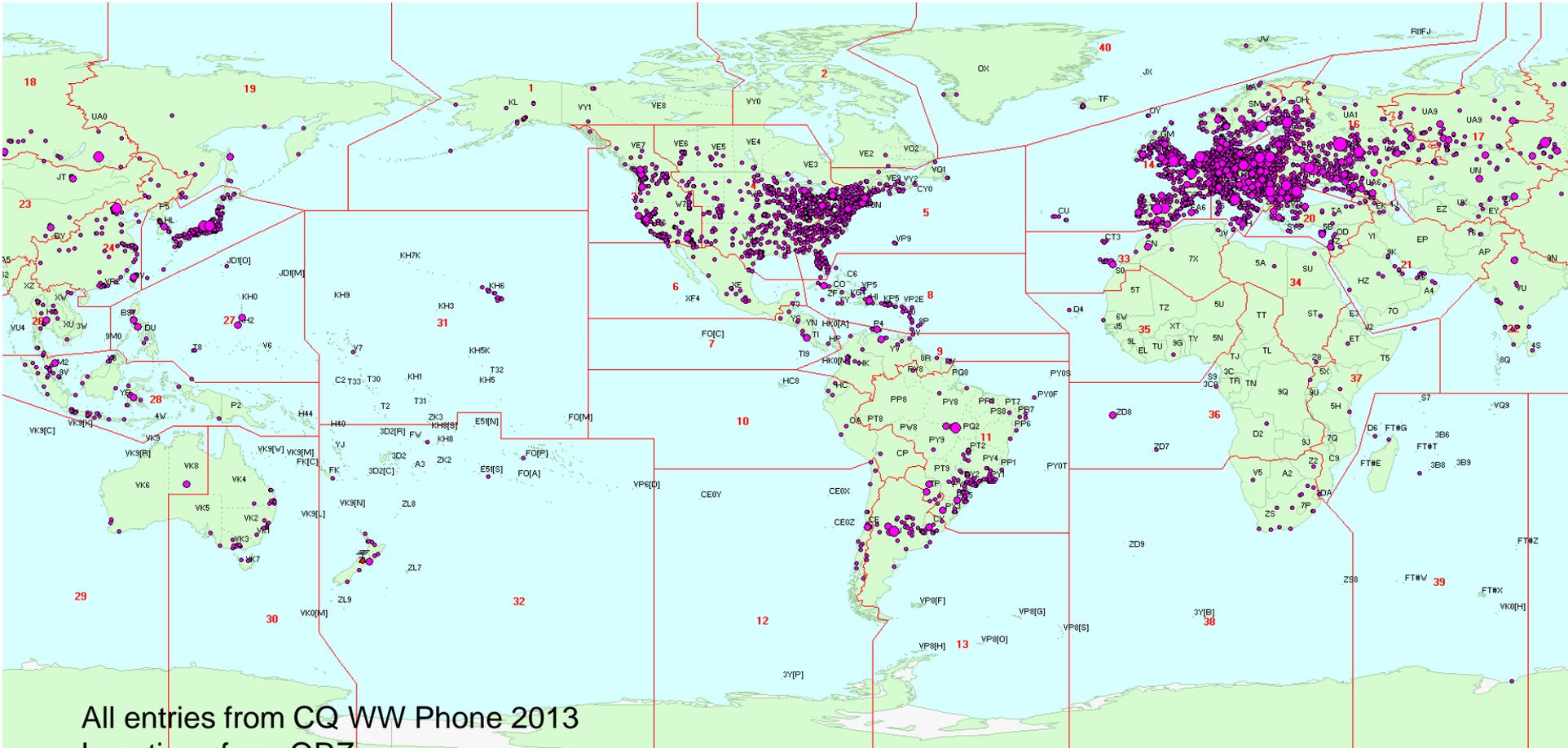
2013
SSB = 8,468
CW = 7,440

2012
SSB = 8,189
CW = 7,229

Entries - CQ WW Phone 2013



World Wide
DX Contest



All entries from CQ WW Phone 2013
Locations from QRZ.com
Map by DXAtlas

Thanks to ZL2HAM

Shorter Log Deadline – Faster Results



World Wide
DX Contest

Contest	2013 SSB	2013 CW
Contest Date	Oct 26-27	Nov 23-24
Contest to Log Deadline	5 days	5 days
Log Deadline	2359 UTC November 1, 2013	2359 UTC November 29, 2013
Log Checking Completed	January 18, 2014	February 18, 2014
Magazine	April 2014	May 2014

92.5% of all logs in 2013 were received within the 5-day deadline!

New Tools

CQ WW on the Web



**World Wide
DX Contest**

Follow us on Facebook



World Wide
DX Contest

<https://www.facebook.com/cqwwdx>

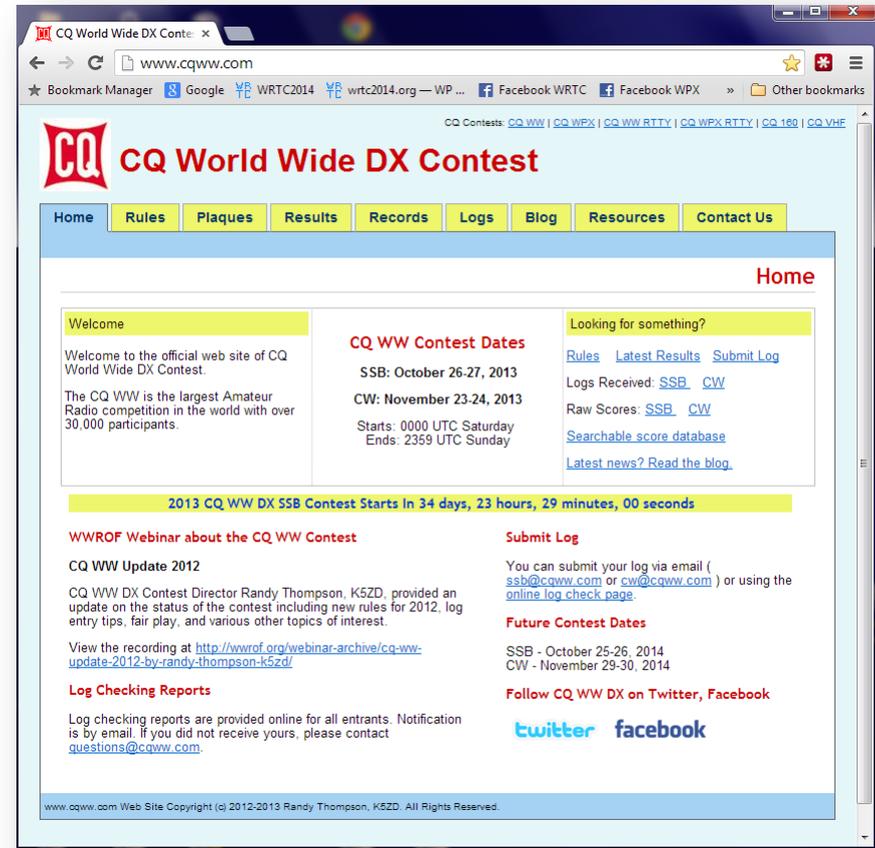
The screenshot shows the Facebook profile page for the CQ World Wide DX Contest. At the top, there is a navigation bar with the Facebook logo and a search bar. Below this is a large banner image of a radio tower against a blue sky. A white box overlaid on the banner contains the text: "CQ World Wide Contest is on Facebook. To connect with CQ World Wide Contest, sign up for Facebook today." with "Sign Up" and "Log In" buttons. Below the banner is the profile header for "CQ World Wide Contest" with 2,164 likes and 84 talking about this. The main content area shows a post from October 1st about an online score database extension, and a "Recent Posts by Others on CQ World Wide Contest" section with three posts from Jaime Vazquez, Yannick Devos, and Hairie Abd Hamid.

CQWW.COM Web Site



World Wide
DX Contest

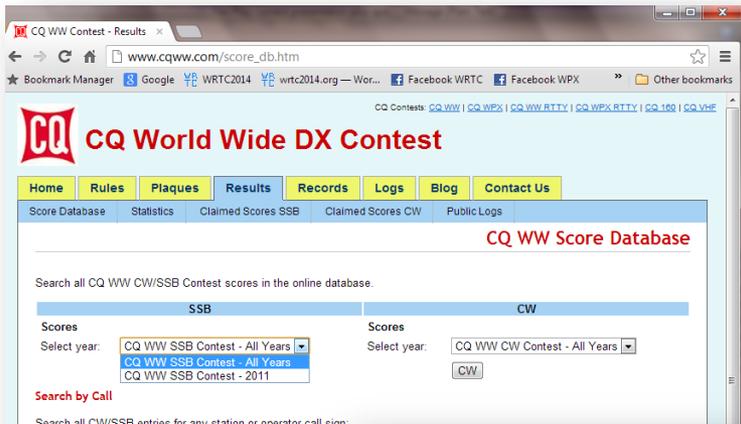
- Rules in multiple languages
- Rules FAQ and Explanations
- Online score database
- All CQWW results articles 1948-2011
- Blog for announcements
- Log upload/check/submit

A screenshot of the CQ World Wide DX Contest website. The browser address bar shows 'www.cqww.com'. The page features a navigation menu with links for Home, Rules, Plaques, Results, Records, Logs, Blog, Resources, and Contact Us. The main content area includes a 'Welcome' message, 'CQ WW Contest Dates' for SSB (October 26-27, 2013) and CW (November 23-24, 2013), and a 'Looking for something?' section with links for Rules, Latest Results, Submit Log, Logs Received, Raw Scores, Searchable score database, and Latest news. A yellow banner indicates the 2013 CQ WW DX SSB Contest starts in 34 days, 23 hours, 29 minutes, and 00 seconds. Other sections include 'WWROF Webinar about the CQ WW Contest', 'Submit Log', 'Future Contest Dates', and 'Log Checking Reports'. The footer contains copyright information for Randy Thompson, K5ZD.

Online Score Database



World Wide
DX Contest



- Official record of CQ WW results
- Over 200,000 entries
- Includes 1982 - 2013
- http://www.cqww.com/score_db.htm

Searchable Score Database

CQ WW SSB Contest - 2011

Filter Results

Continent: --- Country: ---

Category: Single-Op High Power

Call: Also search call in operators

Show breakdowns | Show club name | Show all operators | Sort by

submit

Page 1 of 15 [Next] [Last Page]

Rank	Call	Category	Score	160M	80M	40M	20M	15M	10M	Hours
1	CN2R	SO HP ALL	18,518,160	263/13/58	633/19/63	1,118/28/100	1,753/36/124	1,654/34/112	2,988/37/136	44.7
2	EF8R	SO HP ALL	15,837,486	79/9/25	158/10/36	730/24/75	2,657/37/118	1,933/36/101	3,760/33/114	44.5
3	4O3A	SO HP ALL	14,485,037	229/12/60	651/22/84	1,319/32/109	1,712/38/124	1,944/40/139	2,331/39/134	47.8
4	VE2IM	SO HP ALL	14,451,340	116/10/14	654/17/71	843/28/102	1,746/36/125	2,007/35/120	2,291/35/117	45.1
5	P40W	SO HP ALL	14,427,240	98/10/22	568/19/72	542/25/85	1,574/35/104	1,552/35/104	3,332/33/110	43.0
6	CR2X	SO HP ALL	13,947,024	271/14/58	483/20/70	913/30/93	2,058/36/112	2,276/38/112	2,961/34/111	47.8
7	VY2ZM	SO HP ALL	12,870,747	223/17/58	498/19/69	839/27/96	1,263/39/120	1,257/37/111	2,360/30/110	42.9
8	CF3A	SO HP ALL	10,746,264	164/9/15	540/18/52	931/25/88	1,552/40/124	1,280/30/109	1,699/30/112	42.1
9	LX7I	SO HP ALL	10,218,312	373/12/59	515/15/72	1,003/26/87	1,500/32/91	1,211/33/94	2,148/32/95	43.0
10	UP0L	SO HP ALL	9,903,570	148/9/38	469/20/66	1,657/31/110	1,006/33/102	794/30/106	1,367/30/115	42.2
11	6Y9X	SO HP ALL	9,861,775	1/1/1	403/17/59	1,261/24/86	713/28/77	1,709/32/102	3,197/26/92	38.6
12	PZ5MM	SO HP ALL	9,857,970	1/1/1	165/10/26	714/24/71	1,518/31/96	1,658/32/107	2,607/27/96	38.2
13	C4VW	SO HP ALL	9,477,272	170/10/41	337/11/60	1,252/21/93	1,337/27/94	1,117/30/82	1,544/29/83	45.0
14	K1DG	SO HP ALL	9,459,060	72/12/42	281/22/77	461/28/91	796/37/106	1,167/34/121	1,922/33/121	41.3

Thanks to
AA4NU, AD1C, JK3GAD,
K1EA, K3EST, KB9OWD,
N3RD, N5DX, NO5W,
OH6NIO, ON7SS, PD2R,
W2JU, and N2NC

Score Records by World, Continent, Country



World Wide
DX Contest

Record Filter

Select Continent/Country to View OH -- Finland

Data following the category are: callsign (operator), year of operation and total score. Click on the category to view other high scores for Finland.

CQ WW DX Contest Score Records for Finland

SSB (1982 - 2012)				CW (1982 - 2012)			
Category	Call	Year	Score	Category	Call	Year	Score
Multi-Operator				Multi-Operator			
Multi-Single	OH1F	1999	9,574,620	Multi-Single	OH7M	1999	9,140,535
Multi-Two	OH1F	2003	7,140,442	Multi-Two	OG2U	2008	5,790,440
Multi-Multi	OH2U	2000	20,655,910	Multi-Multi	OH2U	1999	22,244,067
Single Operator - High Power				Single Operator - High Power			
High ALL	OH8X (OH6KZP)	2011	7,585,591	High ALL	OH8X (OH6UM)	2010	5,303,750
High 10M	OG1M	1992	902,700	High 10M	OH1HD	1990	556,402
High 15M	OH5BM	1988	1,141,296	High 15M	OH6AC (OH6CS)	2003	850,510
High 20M	OH2BH (OH6UM)	1992	1,870,170	High 20M	OH2BH (OH1WZ)	2000	1,233,904
High 40M	OH2U (OH2IW)	2003	418,091	High 40M	OH2BH (OH1WZ)	2009	901,392
High 80M	OG5B	2009	295,245	High 80M	OH2BH (OH1WZ)	2005	593,922
High 160M	OH2PM	2009	57,986	High 160M	OH4A (OH6KZP)	2010	174,158
Single Operator - Low Power				Single Operator - Low Power			
Low ALL	OH2BH (OH6UM)	2010	1,845,900	Low ALL	OH4R (OH4JFN)	2003	2,339,337
Low 10M	OH7C (OH7H DU)	2001	289,476	Low 10M	OH1HD	2002	232,680
Low 15M	OH6OS	2002	221,616	Low 15M	OH5BM	1998	359,531
Low 20M	OG5ZZ	2001	264,417	Low 20M	OH3LIM	1994	300,875
Low 40M	OH1LEG	2008	35,245	Low 40M	OH4JLV	1997	111,150
Low 80M	OH1LEG	2000	30,532	Low 80M	OH1TN	1996	69,978
Low 160M	OH1KF	1993	9,568	Low 160M	OH4JLV	1996	102,600
Single Operator - QRP				Single Operator - QRP			
QRP ALL	OH5NHI	1990	229,918	QRP ALL	OH5Z (OH5WH)	2011	1,313,637
QRP 10M	OH7FF	2000	60,976	QRP 10M	OH7FF	1999	130,800
QRP 15M	OH7FF	1999	74,679	QRP 15M	OH7NVU	1998	121,176
QRP 20M	OH7FF	2001	24,430	QRP 20M	OH7FF	2000	147,193
QRP 40M	OH7FF	2002	6,812	QRP 40M	OH7FF	2002	45,172
QRP 80M	OH7FF	2003	2,160	QRP 80M	OH7FF	2003	16,328
QRP 160M	OH7FF	2004	792	QRP 160M	OH3BU	2009	15,096
Single Operator Assisted - High				Single Operator Assisted - High			
High ALL	OH4A (OH6KZP)	2009	4,552,120	High ALL	OH8L (OH8LQ)	2011	4,363,492
High 10M	OH9A (OH1NOA)	2012	867,692	High 10M	OG5B (OH5BM)	2011	358,600
High 15M	OH5BM	2000	1,050,283	High 15M	OH6AC (OH6CS)	1999	729,289
High 20M	OG73X (OH8LQ)	2011	1,377,090	High 20M	OH8L (OH8LQ)	2010	990,120
High 40M	OH5AY (OH5BM)	1993	422,016	High 40M	OH1MA	2000	555,225
High 80M	OH9XX	2002	32,120	High 80M	OG5B	2009	429,096
High 160M	OH2BEN	2008	34,732	High 160M	OG4X	2008	181,484

Winning Score History by Country



World Wide
DX Contest

All Time Winners by Country and Category

Filter Results

Country: OH -- Finland ▼

Category: Single-Op High All Bands ▼

Show breakdowns | Show all operators

SSB

Year	Call	Category	Score	160M	80M	40M	20M	15M	10M	Hours	Operator(s)
2012	OH8X	SO HP ALL	6,591,318	144/8/43	379/19/65	617/32/96	1,461/35/99	1,174/33/103	1,271/30/96	45.7	OH6UM
2011	OH8X	SO HP ALL	7,585,591	144/8/42	207/22/65	378/27/89	1,472/37/107	1,500/39/123	1,142/37/113	40.5	OH6KZP
2010	OH8X	SO HP ALL	6,508,899	140/11/49	462/22/83	814/34/102	2,313/36/113	1,408/34/115	100/15/43	47.4	OH4JFN
2009	OH8X	SO HP ALL	4,364,312	252/10/59	624/22/79	888/29/96	1,858/34/116	693/31/101	58/7/30	46.2	OH6UM
2008	OH8X	SO HP ALL	4,775,945	247/11/54	331/21/71	412/28/89	2,897/38/114	573/32/89	15/6/12	46.8	OH4JFN
2007	OF8X	SO HP ALL	3,698,400	170/8/49	307/18/65	460/23/84	2,111/35/108	442/22/83	148/6/32	45.5	OH6UM
2006	OH8X	SO HP ALL	5,477,608	129/8/43	272/19/75	702/30/105	1,833/35/110	947/30/115	306/16/73	-	OH6UM
2005	OH3RR	SO HP ALL	509,206							-	
2004	OH2RA	SO HP ALL	2,102,867							-	
2003	OH2RA	SO HP ALL	1,608,074							-	
2002	OH2RA	SO HP ALL	2,870,174							-	
2001	OH6RX	SO HP ALL	4,233,390							-	
2000	OH2BH	SO HP ALL	6,156,507							-	
1999	OH6RX	SO HP ALL	5,365,115							-	
1998	OH6RE	SO HP ALL	462,565							-	
1997	OF1MM	SO HP ALL	2,221,450							-	
1996	OH1EH	SO HP ALL	1,921,328							-	
1995	OH6KIT	SO HP ALL	2,176,416							-	
1994	OH5NQ	SO HP ALL	2,156,400							-	OH1WZ
1993	OH6YF	SO HP ALL	1,130,000							-	
1992	OG8LQ	SO HP ALL	3,216,160							-	
1991	OH8LQ	SO HP ALL	1,814,540							-	
1990	OH2PM	SO HP ALL	2,122,406							-	
1989	OH6JW	SO HP ALL	3,891,888							-	
1988	OH6JW	SO HP ALL	4,250,536							-	
1987	OH6LK	SO HP ALL	2,156,880							-	
1986	OH6JW	SO HP ALL	2,327,236							-	
1985	OH2PM	SO HP ALL	959,850							-	
1984	OH6JW	SO HP ALL	1,063,044							-	
1983	OH3UU	SO HP ALL	744,480							-	
1982	OH2PM	SO HP ALL	1,069,944							-	

CW

Year	Call	Category	Score	160M	80M	40M	20M	15M	10M	Hours	Operator(s)
2012	OH8X	SO HP ALL	4,149,288	145/10/41	436/21/69	1,049/33/86	1,444/32/82	598/25/76	168/21/62	46.3	OH6UM
2011	OH2BH	SO HP ALL	4,895,360	214/10/49	897/20/73	1,034/31/98	757/30/80	543/29/91	640/34/95	45.9	OH6UM
2010	OH8X	SO HP ALL	5,303,750	355/19/64	758/30/85	1,054/39/103	1,357/33/89	756/30/87	72/11/35	47.4	OH6UM
2009	OH8X	SO HP ALL	3,484,635	341/17/61	986/31/92	936/34/99	1,382/30/83	209/21/63	4/4/4	47.2	OH4JFN
2008	OH4A	SO HP ALL	3,515,420	649/19/57	1,153/30/85	1,055/32/96	811/34/96	99/25/60	10/25/60	43.7	OH6KZP

Log Check Tool



World Wide
DX Contest

<http://www.cqww.com/logcheck/>

CQ World Wide DX Contest

Home Rules **Log Check** Plaques Results Records Logs Blog Resources Contact Us

Cabrillo Spec Log Check ADIF Club Names Locations Country Names SSB Logs CW Logs

Cabrillo Log Check

The Cabrillo Log Check page will check the format of your Cabrillo log file for the CQ WW Contest. Use this to check your log before submitting it to the robot.

1. Select the contest from the list.
2. Browse to the log file on your computer. Log file must be in [Cabrillo format](#).
3. Press process to upload the file and start the check.

Your must resolve all errors before you can submit your log.

Select Contest:

Choose a file to upload: No file chosen

or

Paste Cabrillo Log to upload:

```
START-OF-LOG: 3.0
LOCATION: WMA
CALLSIGN: K5ZD
CATEGORY-OPERATOR: SINGLE
CATEGORY-ASSISTED: NON-ASSISTED
CATEGORY-BAND: ALL
CATEGORY-POWER: HIGH
CATEGORY-MODE: SSB
CATEGORY-STATION: FIXED
CATEGORY-TRANSMITTER:
CLAIMED-SCORE: 5212982
CLUB: Yankee Clipper Contest Club
CONTEST: CQ-WW-SSB
CREATED-BY: WriteLog V10.90A
NAME: Randy Thompson
```

[Return to log upload page](#)

Congratulations! File is correct and ready to submit to robot.

1. Carefully review the summary information below. Is everything correct?
2. Enter your email in the box below. Please make sure you have typed it correctly as this is the address where your acknowledgement message will be sent.
3. Click the Send Log button to email your log to the robot.
4. Watch your email inbox for confirmation from the robot. Correct and resubmit the log if any errors are reported.
5. Come back in 24 hours and check the logs received page to confirm your log has been accepted.

Your email address: Send copy of log file to this address

Summary

Callsign: K5ZD

Header Information:

```
CONTEST: CQ-WW-SSB
CATEGORY-OPERATOR: SINGLE-OP
CATEGORY-ASSISTED: NON-ASSISTED
CATEGORY-MODE: SSB
CATEGORY-BAND: ALL
CATEGORY-POWER: HIGH
CATEGORY-STATION: FIXED
CATEGORY-TRANSMITTER: ONE
CLAIMED-SCORE: 5212982
CLUB: YANKEE CLIPPER CONTEST CLUB
CREATED-BY: WRITELOG V10.90A
LOCATION: WMA
```

CQ World Wide DX Contest

Home Rules Plaques Results Records **Log Check** Blog Contact Us

Cabrillo Spec Log Check Club Names Locations Country Names SSB Logs CW Logs

Cabrillo Log Check

[Return to log upload page](#)

Errors - 2 found

Red text is the error. Blue text was found in your log. Please correct any errors in your log file and upload again.

Line 5 CATEGORY-ASSISTED entry is wrong. Allowed values are ASSISTED or NON-ASSISTED.
CATEGORY-ASSISTED: NON-ASSISXED

Line 10 CATEGORY-TRANSMITTER entry is wrong. Allowed values are ONE, TWO, or UNLIMITED.
CATEGORY-TRANSMITTER:

Please correct all errors in your log file and upload again.

```
START-OF-LOG: 3.0
LOCATION: WMA
CALLSIGN: K5ZD
CATEGORY-OPERATOR: SINGLE-OP
CATEGORY-ASSISTED: NON-ASSISTED
CATEGORY-BAND: ALL
CATEGORY-POWER: HIGH
CATEGORY-MODE: SSB
CATEGORY-STATION: FIXED
CATEGORY-TRANSMITTER:
CLAIMED-SCORE: 5212982
CLUB: Yankee Clipper Contest Club
CONTEST: CQ-WW-SSB
CREATED-BY: WriteLog V10.90A
NAME: Randy Thompson
```

New Rules for 2013

Announcing:

2013 CQ WW DX Contest

SSB: October 26–27

CW: November 23–24

Starts 0000 UTC Saturday

Ends 2359 UTC Sunday

I. OBJECTIVE: For amateurs around the world to contact as many other amateurs in as many CQ zones and countries as possible.

II. BANDS: Six bands only: 1.8, 3.5, 7, 14, 21 and 28 MHz. Observance of established band plans is strongly encouraged.

b. Low Power Assisted (All Band or Single Band): Total output power must not exceed 100 watts.

c. QRP Assisted (All Band or Single Band): Total output power must not exceed 5 watts.

B. Single Operator Overlay Categories: Any Single



**World Wide
DX Contest**

Scoring (no change)



World Wide
DX Contest

QSO Points

- Different continent
 - 3 points
- Same continent
 - 1 point
 - Except NA - 2 points
- Same country
 - 0 points
 - Counts for multipliers

Multipliers

- Countries per band
 - DXCC + WAE
- CQ Zones per band

Final Score = QSO Points * Mults (Countries + Zones)

Removed for 2013



World Wide
DX Contest

- Team Competition
- Xtreme Category
- Yellow and Red Cards

Entry Categories



World Wide
DX Contest

	1500 W	100 W	5 W
Single Op All Bands	X	X	X
Single Op Single Band (160, 80, 40, 20, 15, 10)	X	X	X
Single Op Assisted All Bands	X	X	X
Single Op Assisted Single Band (160, 80, 40, 20, 15, 10)	X	X	X
Overlay – Rookie (All Bands)	X	X	
Overlay – Classic (All Bands)	X	X	
Multi-Op Single-Transmitter	X		
Multi-Op Two-Transmitter	X		
Multi-Op Multi-Transmitter	X		
Checklog	X		

New Overlay Categories!



World Wide
DX Contest

- Overlay Categories (Single Op Only)
 - Rookie – Licensed <3 years
 - Classic – One radio, no assistance, 24 hours
- Enter by adding line to Cabrillo header
 - CATEGORY-OVERLAY: ROOKIE
 - CATEGORY-OVERLAY: CLASSIC
- Entrants will have two scores in results
 - Traditional category score
 - Overlay category score calculated as All Bands regardless of log entry category

Classic Overlay



World Wide
DX Contest

- One Operator
- One Radio
- No DX Cluster (no Assisted)
- 24 hours of operating time
 - >60 minutes with no QSO is considered “off-time”
 - You may operate more time, but only first 24 hours of operating time will count for Overlay score

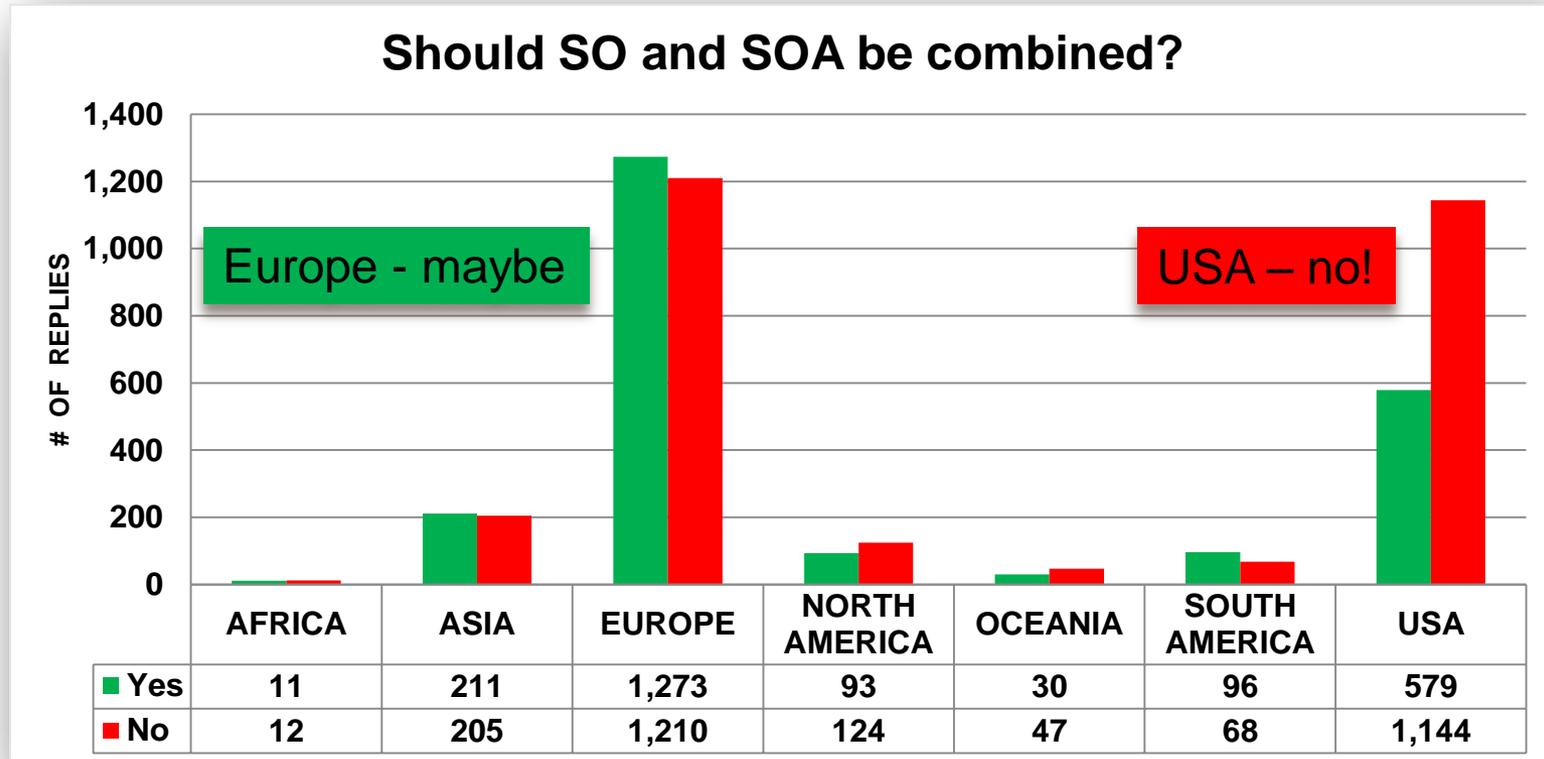


0000 – 0200z	2:00
0500 – 0900z	4:00
1200 – 2200z	10:00
0400 – 0900z	5:00
1300 – 1600z	3:00
	<hr/>
	24:00
1600 – 1800z	n/a

Is it time for a change?



World Wide
DX Contest



From 2013 participant survey

Entry Categories – 2013 SSB



World Wide
DX Contest

	1500 W	100 W	5 W	Total
Single Op All Bands	960	2104	118	3182
Single Op Single Band (160, 80, 40, 20, 15, 10)	489	1049	134	1672
Single Op Assisted All Bands	974	765	24	1763
Single Op Assisted Single Band (160, 80, 40, 20, 15, 10)	472	396	49	917
Overlay – Rookie (All Bands)	29	227		256
Overlay – Classic (All Bands)	295	500		795
Multi-Op Single-Transmitter	375			
Multi-Op Two-Transmitter	115			
Multi-Op Multi-Transmitter	68			
Checklog	376			

Club Competition



World Wide
DX Contest

- USA Club Category
 - All entries within 175 mile circle
 - Plus DXpeditions
- DX Club Category
 - All entries from same country and 275 Km circle around club center
 - Plus DXpeditions

CCF Example:
All of Finland and area within circle



Reduced Penalties for Logging Errors



World Wide
DX Contest

- Duplicate contacts or Incorrect exchange
 - Removed, no penalty
- Call sign errors or Not-In-Log (NIL)
 - Removed + 2x the QSO point value for that contact
- Multi-operator band change errors
 - Removed, no penalty

Log Checking Notes



World Wide
DX Contest

- QSOs must match within a time window (+/-30 minutes)
 - No match = Not In Log
 - Please check the time on your logging computer!
 - Log every QSO you make including dupes!
- Exchange information will be checked
 - Use extra attention when working USA stations

SDR Sites



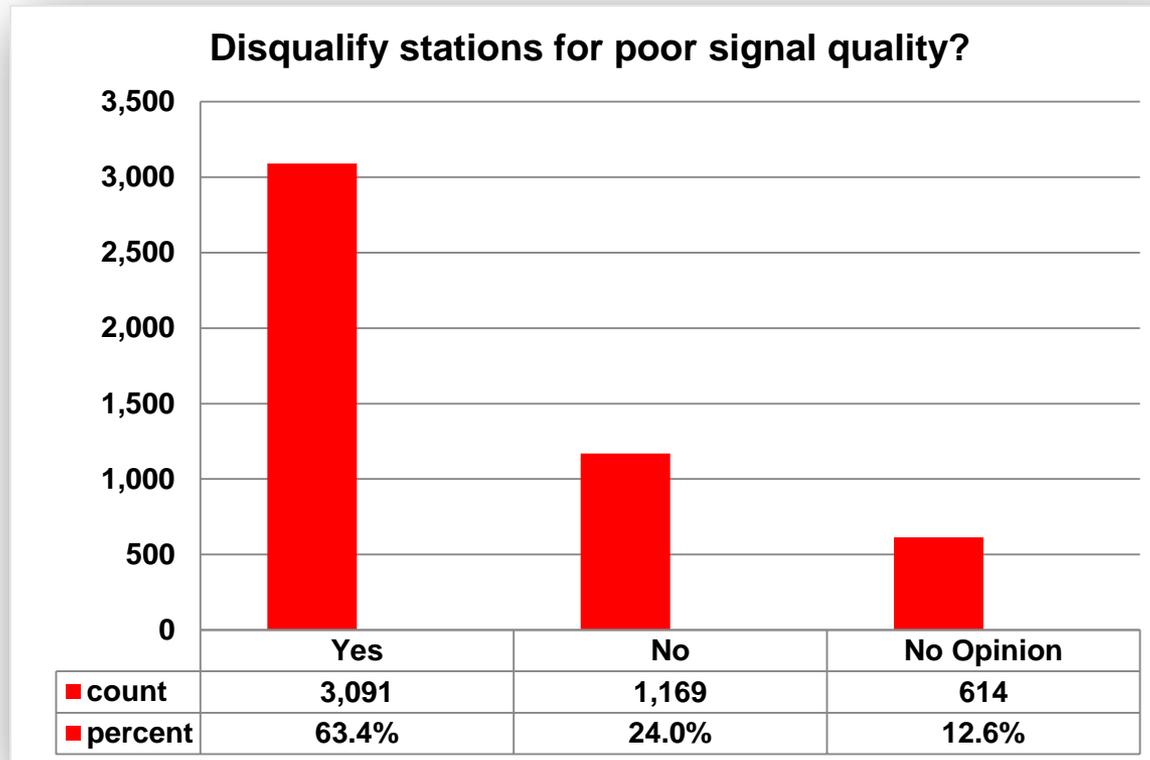
World Wide
DX Contest

- Wide band recordings of all bands
- 6 sites around the world
- Enables us to go back and hear what actually happened during the contest
- Helps with investigating rule violations
 - Band changes in MS/M2
 - More than one signal
 - Bad or wide signals

Poor Quality Signals?



World Wide
DX Contest

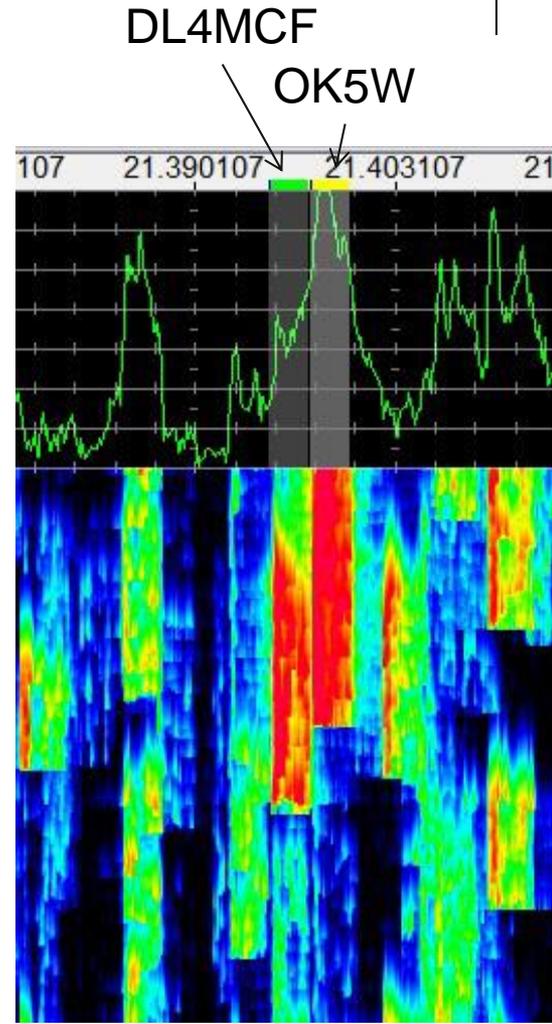
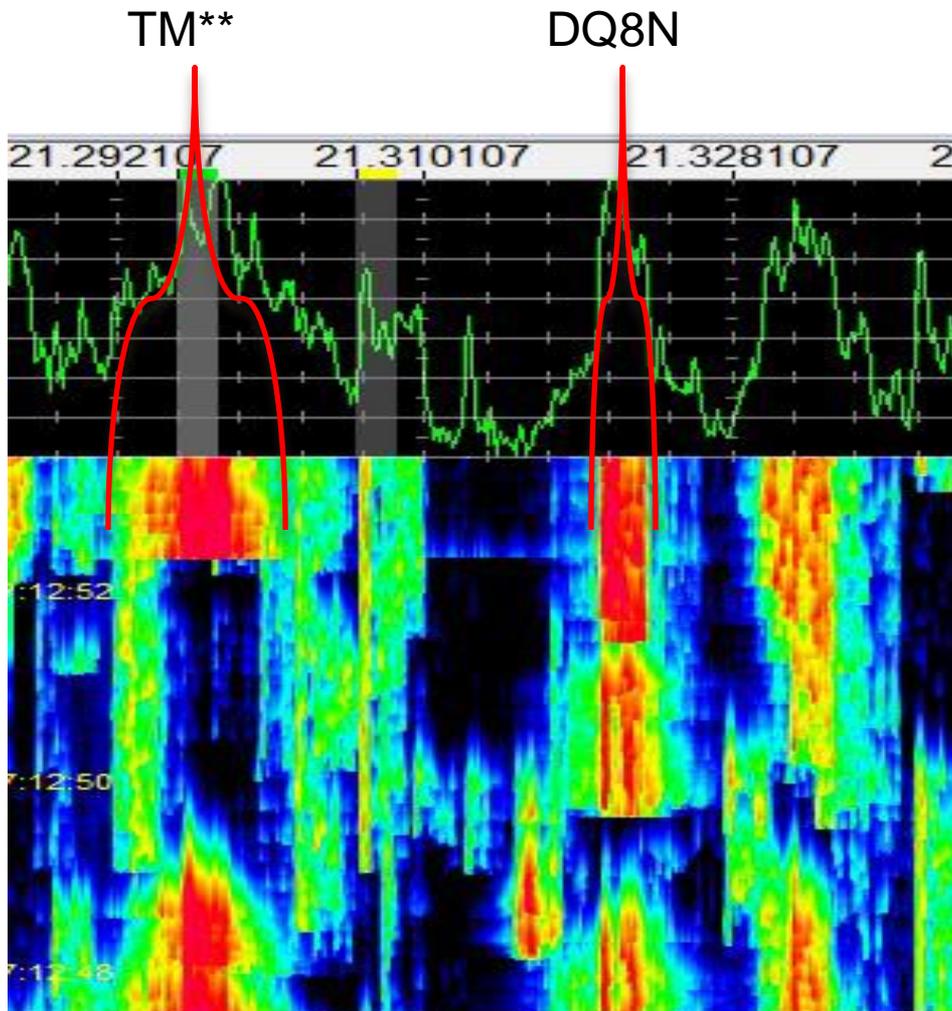


From 2013 participant survey

Signal Examples



World Wide
DX Contest



Plaques & Awards



World Wide
DX Contest

- Complete list of available plaques on web site
- Contact K1AR to sponsor a plaque
- Certificates for top scorer
 - Each category
 - Each country + call areas in Canada, Japan, USA, Russia
- Certificate handling and mailing by W5GN



World Wide Radio Operators Foundation



World Wide
DX Contest

- Non-profit corporation focused on support of radio contesting
- Developed contester's code of ethics
- WWROF funds
 - CQWW infrastructure including the robot, web site, log checking software/hardware
 - Webinar series
 - Other projects that support contesting
- Learn more and donate at www.WWROF.org



Please



World Wide
DX Contest

- Visit CQWW.COM to read rules
- Get on the air
- Follow the rules
- Work lots of DX
- Have fun!
- Submit your log



Questions?



Web: www.cqww.com

Facebook: www.facebook.com/cqwwdx

Twitter: www.twitter.com/cqww

Email: questions@cqww.com



**World Wide
DX Contest**