

Results of the 2021 CQ World Wide 160-Meter Contest

Contesting During a Pandemic

BY ANDY BLANK,* N2NT

Amateur radio contesting has been one of very few activities to have actually benefitted from the COVID-19 pandemic, with participation reaching record levels across the board. This year's CQ World Wide 160-Meter Contest was no exception.

CW Results

Most stations reported great activity in this year's event, although conditions were certainly not optimal. Last year in 2020, a new record of 3,051 logs were received for CW. Single-Op Assisted was the most popular category with 1,362 entries, followed by 1,276 Unassisted entries.

This year, with everyone still hunkered down at home, we once again had record participation on CW. A total of 3,378 entries were submitted, including checklogs! Single-Op Assisted again proved to be the most popular entry with 1,502 logs.

We are very happy to report that we can finally recognize both Low Power (LP) and High Power (HP) entries in the Assisted category, a distinction long overdue. Conditions were quite good on CW, but quite poor in the February SSB session. Still, there were many scores over 1 million (1 MEG) after log-checking, including the following:

Multi-Op	
UA2FW	2,061,990
S5OC	1,480,560
HG8DX	1,421,784
RL3A	1,382,626
UA7K	1,326,780
E7DX	1,265,314
LZ5R	1,257,644
US1Q	1,224,468
SP8R	1,180,128
OL1R	1,150,952
DM6V	1,114,078
LZ9W	1,095,808
SK3W	1,068,254



A veteran of 60 years on 160 meters here is Mike, KM1R, and his neat station.

Single-Op

VY2ZM	1,807,032
OM7M	1,440,875
ZF5T	1,392,952
SN7Q	1,223,140
P3X	1,190,871
VE3EJ	1,172,313
XE2X	1,168,875
NP2J	1,159,664
LY4A	1,138,700
OK6W	1,132,920
ED8W	1,127,168
OK3C	1,126,476
9A4M	1,081,899
LY7Z	1,081,410
9A5Y	1,075,534
D4Z	1,058,410
G5W	1,048,080
9A5X	1,039,472
UW2M	1,017,720
OM2Y	1,002,885

By far the biggest score was achieved by the team at UA2FW. More about this operation later. Of note also are the repeat trophy winners from 2020, although not necessarily in the same

category. Congratulations to the following stations as repeat "contenders."

W5MX	W2GD
K3ZM	NA7TB
VY2ZM	VE3MGY
OK6W	ND8DX
D4Z (IK2NCJ)	R8WF
KH7A	PJ4DX
JH4UYB	LY4A
ZF5T	K4ISV
N7DD	VA3AC
K1LT	E77Y
KD4D	N2CEI
VE3MGY	RL3A
NØTT	N7T

In the wildly competitive Multi-Op category, an amazing result occurred in the U.S. Take a look at the claimed scores of W2GD and K3LR from <3830.com>:

W2GD	931,860	1818	60	64
K3LR	862,974	1785	60	66

Now look at the final results:

W2GD	839,014	1730	60	61
K3LR	838,530	1751	60	66

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What resulted after log-checking was basically a difference of the point value of one QSO. With the loss of three multipliers, the scores became a little too close for comfort. This is a strong indicator of why accuracy counts. The W2GD multi-op consists of a run station with two transmitters as band-calling stations. The K3LR station is basically run only for this contest. Quite a horserace resulted in the end.

UA2FW

Now to the only score above 2 MEG in the entire contest.

The team at UA2FW deserves a feature presentation. This station was constructed in a 3-month period by Sergei, UA2FW, specifically for the CQWW 160-Meter Contest. UA2 is uniquely located to take advantage of EU, Russia, and North American propagation.

Long time contesteer and friend Willy, UA9BA, was invited and asked to design a new transmit antenna with a better pattern and more gain than the 4-square already available to UA2FW. Willy came up with the design for the "spitfire array."

PLAQUE WINNERS AND DONORS

World Single Operator Combined SSB/CW
Jeffrey T. Briggs, VY2ZM
 Donor: Ed Parish, K1EP

World Multioperator Combined SSB/CW
Dezso Gyulai (HA8DZ), HG8DX
 (HA8DJ, HA8DU, HA8DZ, HA8FM, HA8JV, HA8KW, HA8RT, HA8XA ops)
 Donor: Juan Carlos Munoz, TG9AJR

CW
SINGLE OPERATOR
 World
Jeffrey T. Briggs, VY2ZM
 Donor: DJ8WL Memorial by Bill Tippett, W4ZV

U.S.A.
Peter H. Briggs, K3ZM
 Donor: Milt Jensen, N5IA, Memorial by Arizona Outlaws Contest Club

Canada
Yuri Onipko, VE3DZ
 Donor: VE2XAA Memorial by Thor Stefansson, TF4M

U.S.A. — Zone 3
Timothy Coker, W6PH (@N6WIN, W7QM)
 Donor: Bruce Butler – W6OSP Memorial

U.S.A. — Zone 4
Bryan Bydal, W5MX
 Donor: Steve Schmidt, K4WA

U.S.A. — Zone 5
Jon Zaines, AA1K
 Donor: W3YOZ Memorial by Jim Monahan, K1PX

Africa
Luca Aliprandi, D4Z (IK2NCJ)
 Donor: James "Skip" Riba, WS9V

Asia
Muhammad Alazemi, 9K2NO
 Donor: Missouri DX/Contest Club, K4SX

Europe
Pavel Prihoda, OK6W
 Donor: Emir-Braco Memic, E77DX

South America
Jose Maria Berezoski, PY5XH
 Donor: John Rodgers, WE3C

Oceania
Akito Nagi, KH7A (JA5DQH)
 Donor: Will Angenent, K6ND

European Russia
Serge Kiblitky, R7NW
 Donor: CQ 160 Contest Committee

Asiatic Russia
Sergey Moskaev, R8TT
 Donor: Steve "Sid" Caesar, NH7C

Japan
Masaki Okano, JH4UYB
 Donor: Alabama Contest Group

North America
Stan Stockton, ZF5T (ZF9CW)
 Donor: N4IN Memorial CQ Magazine

Southern Hemisphere
Holger Hannemann, ZM4T (ZL3IO)
 Donor: Robert Kile, W7RH

World Assisted
Lubomir Martiska, OM7M
 Donor: Andy Chesnokov, UA3AB

Asia Assisted
Sergey Rebrov, P3X (5B4AMM)
 Donor: Jon Zaines, AA1K

Europe Assisted
Krzysztof Sobon, SN7Q (SP7GIQ)
 Donor: DK5DC Memorial by DX-Hotel DM9EE

U.S.A. Assisted
Alan D. Snyder, KF3B
 Donor: Akito Nagi, JA5DQH

U.S.A. Assisted — Zone 3
Larry Pace, N7DD
 Donor: Larry Pace, N7DD

U.S.A. Assisted — Zone 4
Victor A. Kean, Jr., K1LT
 Donor: Pete Michaelis, N8TR

U.S.A. Assisted — Zone 5
Bud Trench, AA3B
 Donor: Potomac Valley Radio Club

World Low Power
Dusan Ceha, YT8A
 Donor: Akito Nagi, JA5DQH

U.S.A. Low Power
Mark Bailey, KD4D
 Donor: Rich Kennedy, N4ESS

Asia — Low Power
Sergey Popov, P3AA (RN3QO)
 Donor: Robert Kile, W7RH

Europe Low Power
Mindaugas Jukna, LY4L
 Donor: DL1RK Memorial Petr Ourednik, OK1RP

Canada Low Power
Brian Campbell, VE3MGY
 Donor: Contest Club Ontario

World QRP
Olaf Brunner, DM7C (DL7CX)
 Donor: Wayne Mills, N7NG

U.S.A. QRP
Charlie Hansen, NØTT
 Donor: Bob Raymond, WA1Z

U.S.A. QRP — Zone 4
Marty Ray, N9SE
 Donor: K9JWV Memorial by (WC7S)

Europe QRP
Rene Matthes, DAØBCC (DL2JRM)
 Donor: Peter Voelpel, DJ7WW

MULTI-OPERATOR
 World
Sergey Shikhovarov, UA2FW
 (RA2FA, RG6G, RT2F, RW4WR, UA2FF, UA2FM, UA2FW, UA2FZ, UA4FER ops)
 Donor: Paul Newberry, N4PN Memorial (by N4RJ)

U.S.A.
John Crovelli, W2GD
 (N2HM, W2CG, W2GD, W2NO, W2RQ, WW2Y ops)
 Donor: WQCD Memorial (by K8GG and W8UVZ)

U.S.A. Zone 3
Lee Finkel, KY7M & NA7TB
 (KY7M, NA2U, KC7V, AA7A ops)
 Donor: Tom Whitted, N7GP

Europe
Goran Abdric, S55OO & S5ØC
 (S53CC, S53RM, S53WW, S55OO, S57AL, S57C ops)
 Donor: Bob Evans, K5WA

ASIA
Mike Nabokin, R9GM & RD8D
 (R9GM, RX9CAZ ops)
 Donor: Nodir Tursoon-Zadeh, EY8MM

ZONE 16
Gagarin A.R.C., RL3A
 (RA3ATX, RA9USU, RL3FT, RX3APM, UA4Z ops)
 Donor: John Crovelli, W2GD

SSB
SINGLE OPERATOR
 World
Jeffrey T. Briggs, VY2ZM
 Donor: Nodir Tursoon-Zadeh, EY8MM

U.S.A.
Peter H. Briggs, K3ZM
 Donor: W4PZV / W4SVO Memorial (by NQ4I)

Canada
Brian Campbell, VE3MGY
 Donor: Tom Haavisto, VE3CX

U.S.A. — Zone 3
Tom Whitted, N7GP
 Donor: Nate Moreschi, N4YDU

U.S.A. — Zone 4
Karl Brandt, ND8DX
 Donor: Alabama Contest Group

U.S.A. — Zone 5
Steven Sussman, W3BGN
 Donor: Brent Scott, WR5O

Asia
Vladimir Falshunov, R8WF
 Donor: Jessica Beckling, KN4JJA

Europe
Carlo Bavecchi, I5JVA
 Donor: James "Skip" Riba, WS9V

Africa
Raffaele Vitrano, IH9YMC
 Donor: John Rodgers, WE3C

Asiatic Russia
Vladimir Umanets, UA9BA
 Donor: Steven "Sid" Caesar, NH7C

North America
Tony Ramos, KP4KE
 Donor: CQ magazine – K2EEK Memorial

South America
Steve Telenius-Lowe, PJ4DX
 Donor: John Rodgers, WE3C

Not just one, but a pair. They are basically verticals with parasitic elements, but the design would cover more directions than the classic 4-square. They had four stations on the air, along with 12 receiving antennas. A true engineering feat. The results speak for themselves. The team achieved an incredible score

UA2FW 2,061,990 2459 46 89

Congratulations to the operators, RA2FA, RG6G, RT2F, RW4WR, UA2FF, UA2FM, UA2FW, UA2FZ, and UA4FER for their wonderful dedication to the CQ 160 Contest! The race in EU for second place in Multi-Op was also quite close:

S50C	1,480,560
HG8DX	1,421,784
RL3A	1,382,626

Team “Charlie” from S50C

They installed a phased pair of 1/4-wave wire verticals with optional switching single V or 2V aimed to the northwest. There are four operating positions sharing seven receiving antennas. The site is a decommissioned commercial 161-meter (582-foot) tower site they have used for the past few years.

Participants Tell the Story

Some comments from the Single-Op leaders to bring the contest into perspective. USA Winner Peter, K3ZM, always good with a quip, “I think this is the first time I have gone 10 hours while keeping the cumulative average above 100 per hour in this event. I did manage to work 300 EUs by bedtime on Saturday morning. At that point, total Qs were 1,170 with 48 countries and 56 states / provinces. I had worked one JA and a ZL, which was cool. There was no bothersome QRN the first night.” After the contest, he said, “thanks for all the QSOs. Looking forward to getting back to the XYL.”

From Stan, ZF5T, who was “hunkered down” in his Cayman Island QTH for the pandemic: “Conditions were about average, I would say. I was somewhat disappointed in my result, particularly in the second night. I think I worked about 550 Europeans and 30 JAs total with the first night dominating the final result. The JAs were weak and it took a while to get a lot of the callsigns.” Interestingly, Stan was not the only ZF in the contest.

Bill, W9KKN, was able to remote in to the ZF1A superstation as ZF2WF, and make a very respectable 708,000 score. Thanks for the great effort, Bill.

Another perennial high scorer, Dan, NP2J, commented, “Band was very crowded, had a devil of a time getting a run frequency in the first hour, only 22 Qs! Hi! But rest of first night was good!”

There are some traditionalists still left out there who enjoy, to quote K0HB, “a boy and his radio.”

Check this out from Pavel, OK1MU, operating OK6W, a man who truly enjoys the essence of radio contesting, “Thirty hours of pure happiness. One man - one radio, no DX cluster, no spots, no SO2R, no remote ... Just the good old days, what you find yourself, you will do yourself. Many days of hard work in the preparation of RX BVRGs antennas before the contest brought nice results, for the first time all nine different directions BVRGs worked flawlessly. Of course, this year’s conditions were worse than magic year 2020, but thanks to the increase activity, we again managed to slightly increase the record number of QSOs. First hour 177 QSOs,

Oceania
Ed Parish, KH7M (K1EP)
Donor: Steve “Sid” Caesar, NH7C

Southern Hemisphere
Sergio Lima de Almeida, PP5JR
Donor: John Rodgers, WE3C

World Assisted
Rolandas Jokubauskas, LY4A
Donor: K9HMB Memorial by Ray Sokola, K9RS

Asia Assisted
Hudaverdi Gunes, TA7OM
Donor: Chuck Dietz, W5PR

Europe Assisted
Ljubo Pintar, S53O
Donor: Curtis Rose, N2ZX

U.S.A. Assisted
John Reichert, N4RV
Donor: Pete Michaelis, N8TR

U.S.A. Assisted — Zone 4
Bud Foster, K4ISV
Donor: Pete Michaelis, N8TR

World Low Power
Brian Campbell, VE3MGY
Donor: Steve Molo, K14KWR

U.S.A. Low Power
Edward Sawyer, N1UR
Donor: Tim Duffy, K3LR

Europe Low Power
Miguel Garcia Castaner, EA6SX
Donor: Contest Club Ontario

Assisted Europe Low Power
Laszlo Radocz, HG0R (HA0NAR)
Donor: John Rodgers, WE3C

Canada Low Power
Kevin Smith, VA3AC
Donor: Rudy Bakalov, N2WQ

World QRP
Maksim Kesic, E77Y
Donor: John Rodgers, WE3C

MULTI-OPERATOR
World
Dezso Gyulai, (HA8DZ) HG8DX
(HA8DJ, HA8DU, HA8DZ, HA8FM, HA8JV,
HA8KW, HA8RT, HA8XA ops)
Donor: Southeastern DX Club

U.S.A.
Steve Kostro, N2CEI
(K0DI K4SME WW2R N2CEI
ops)
Donor: Jerry Rosalius, WB9Z

Europe
Gagarin A.R.C., RL3A
(RL3FT, RX3APM ops)
Donor: South Jersey DX Association, N2CW

Zone 3
Lee Finkel, N7T
(KY7M, N7NR, KC7V @ NA7TB ops)
Donor: Paulo, PV8DX



Fairly new to contesting, here is Nigel, M0MQV, activating MX4Y in the SSB contest.

three hours 470 QSOs and after first night almost 1,000 QSOs in the log.”

From Ash, KF5EYY, operating 3V8SF, “The band was clearly in bad shape here. Very few NAs heard and worked. Congrats to NØFW who managed to pick up my 100-watt signal among the crowd! This year’s score is less than half of last year’s one! The contest remains a great fun, though!”

From WD5COV, who finished in second place in U.S. LP, “Night one was brutal. Ended with still needing NE, ND, DC, and a few other VE provinces. Only managed to work three JAs. Night two was much better! Early on got called by ND, NE, and finally W3DQ called in for DC. After 04:30, started

to work the EU gang. MM9I was my last EU worked and was happy to work about 35 stations in Asia.

And from the #1 USA LP station, Mark, KD4D, operating from the W3LPL superstation said, “I’m glad that the CQ 160 Contest still has single operator categories. It was fun to ‘unplug’ for the weekend and have the thrill of tuning through the band and being surprised and pleased when I found a multiplier! :-)”

Top scorer in Single-Op Assisted HP was OM7M operated by OM5Z, who wanted to acknowledge his long-time friend. “This contest was dedicated to Peter, OM3PA, who passed away in January 2021 and led our club station for

2021 CQWW 160M CONTEST TOP SCORES

CW	+R5AJ.....442,058	+VE3RZ.....568,458	DX	RT8U.....225,342
USA	+RV3A.....429,462	+AA3B.....554,604	I5JVA.....403,920	LY7Z.....222,208
K3ZM.....844,364	+UA1OMS.....406,524	+N2NT.....553,150	OLØM.....361,482	MULTI-OPERATOR W/VE
AA1K.....790,236	LOW POWER	+N1LN.....548,226	S57C.....337,960	N2CEI.....226,327
K1KI.....723,120	World	+K3MM.....540,617	UX2X.....223,590	NS1DX.....151,200
AB3CX.....566,720	YT8A.....513,630	+K2AV.....533,120	SN7D.....201,042	W1NA.....147,928
W5MX.....555,768	LY4L.....489,642	ASSISTED LOW POWER	ES5RW.....194,971	N2AA.....130,340
NA8V.....552,310	VE3MGY.....444,528	*+UWØK.....589,500	LB1G.....176,644	W8PR.....121,520
W2SC.....473,235	OP3T.....419,727	*+SP2EWQ.....573,160	LY5W.....163,852	N7T.....110,628
W9RE.....463,644	3V8SF.....381,335	*+HG5A.....513,128	OM2XW.....139,209	WG3J.....97,356
W3BGN.....462,176	KD4D.....377,400	*+P3AA.....510,090	EA6SX.....136,440	WR5O.....75,726
W5ZN.....454,104	VE3JM.....367,736	*+TM6M.....492,752	Russia	NE3F.....54,150
VE	DL1ET.....341,718	*+SN7O.....478,478	UF2F.....83,664	WA3EKL.....40,341
VY2ZM.....1,807,032	4U1A.....328,035	*+LY4ZZ.....467,298	R8WF.....75,780	ASSISTED WORLD
VE3DZ.....829,985	OM2XA.....318,222	*+OK6Y.....443,004	RN3OG.....39,880	+LY4A.....405,482
VE3AT.....808,038	LOW POWER W/VE	*+OL9R.....440,839	RK3E.....34,914	+S53O.....284,196
VE3MGY.....444,528	VE3MGY.....444,528	*+IK2CLB.....434,478	R2HM.....25,203	+S54ZZ.....241,133
VA3AR.....372,680	KD4D.....377,400	ASSISTED LOW W/VE	RW9DX.....24,080	+OK6RP.....230,041
VE3JM.....367,736	VE3JM.....367,736	*+VE3FU.....306,676	UA3BL.....20,223	+IT9ISI.....229,756
VA1RST.....314,806	WD5COV.....287,334	*+K2KW.....302,624	R7NA.....16,920	+LZ3ND.....227,478
VE3PN.....314,348	WØUO.....252,672	*+NØNI.....249,044	RM2D.....16,848	+DK6WL.....212,288
VE6BBP.....263,432	VE3XL.....197,470	*+NS3T.....165,396	R2PT.....16,008	+S6B.....209,952
VE3YT.....259,712	VA3SB.....187,488	*+N3HEE.....157,122	Russia Assisted	*+HGØR.....203,280
QRP	K9ZO.....162,260	*+VE3XB.....155,186	UF2F.....83,664	+HB9CXZ.....192,564
DM7C.....338,173	WB8JUI.....149,937	*+AA2EQ.....143,264	R8WF.....75,780	ASSISTED W/VE
DAØBCC.....292,572	VE3AQ.....136,059	*+NJ3K.....134,057	+RZ3EC.....67,760	+VY2WWW.....129,198
S57M.....214,380	MULTI-OPERATOR WORLD	*+WØ1N.....126,000	+UA9BA.....67,665	+N4RV.....119,816
OL4W.....200,226	UA2FW.....2,061,990	*+VE3VY.....122,808	+RW9CQ.....43,588	+K4ISV.....115,559
EU8U.....171,312	S5ØC.....1,480,560	SSB	RN3OG.....39,880	+WØGJ.....110,837
YL2QN.....169,001	HG8DX.....1,421,784	USA	UA2FZ.....37,713	+K8CW.....107,185
DL1WA.....152,016	RL3A.....1,382,626	K3ZM.....276,210	RK3E.....34,914	+K3PA.....103,232
OK1FKD.....151,998	UA7K.....1,326,780	ND8DX.....183,180	*+R2EA.....32,340	+KC4NX.....93,025
S53AR.....140,832	E7DX.....1,265,314	W3BGN.....176,486	R2HM.....25,203	+KN2M.....92,194
UT1DX.....124,752	LZ5R.....1,257,644	NR5M.....154,491	LOW POWER	+WK9U.....89,444
DX	US1Q.....1,224,468	N2QV.....136,036	World	+NO9E.....88,956
ZF5T.....1,392,952	SP8R.....1,180,128	K2XA.....129,511	VE3MGY.....188,727	ASSISTED LOW POWER
NP2J.....1,159,664	OL1R.....1,150,952	KØTT.....121,792	EA6SX.....136,440	*+HGØR.....203,280
OK6W.....1,132,920	MULTI-OPERATOR W/VE	W5MX.....117,844	LY4L.....124,982	*+E74R.....175,044
D4Z.....1,058,410	W2GD.....839,014	W3TS.....113,040	SP5CJY.....120,932	*+HA8BE.....156,562
9K2NO.....997,058	K3LR.....838,530	WØNO.....98,688	OK1LRD.....110,565	*+S57DX.....147,000
UX2X.....850,656	NR4M.....734,107	VE	VA3AC.....94,208	*+OK6Y.....108,836
EA6SX.....817,520	NN1C.....695,536	VY2ZM.....496,769	SP6LUV.....85,790	*+OK6AA.....103,500
LN8W.....811,405	KØDI.....671,949	VE3MGY.....188,727	SQ8MFM.....85,272	*+OK2BFN.....99,840
UN9L.....773,403	KC3R.....542,287	VE3PN.....159,544	YT8A.....75,196	*+IK4LZH.....91,509
S53A.....757,700	NA7TB.....531,468	VA3AR.....104,706	OE3WMW.....75,040	*+EA3CI.....83,545
Russia	W5KU.....530,648	VE6BBP.....98,895	SQ2SAT.....73,788	*+LY4ZZ.....79,110
R7NW.....676,801	K3AJ.....528,732	VE3DZ.....94,900	LOW POWER W/VE	ASSISTED LOW W/VE
RX9WN.....325,655	N4WWW.....441,720	VA3AC.....94,208	VE3MGY.....188,727	*+NS3T.....28,934
UA3EDQ.....281,576	ASSISTED WORLD	VE3PJ.....50,958	VA3AC.....94,208	*+W8WTS.....24,948
RA3W.....277,504	+OM7M.....1,440,875	VE3VY.....32,538	N1UR.....66,800	*+NØHJZ.....21,600
RD4F.....247,477	+SN7Q.....1,223,140	VE3RZ.....32,256	KB4OLM.....56,532	*+KE8PX.....19,434
UF5A.....200,664	+P3X.....1,190,871	QRP	N8CWU.....52,656	*+N9TF.....17,670
UA9QM.....153,180	+VE3EJ.....1,172,313	E77Y.....49,058	VE3PJ.....50,958	*+K4YJ.....16,606
RA1AL.....149,136	+XE2X.....1,168,875	EF3O.....36,039	KE8BKP.....50,750	*+KØUK.....16,514
RZ3MM.....130,635	+LY4A.....1,138,700	KVØQ.....25,551	ACØW.....46,592	*+KØEA.....15,918
RV3ZN.....119,900	+ED8W.....1,127,168	E74Y.....24,325	NGØC.....38,637	*+N3AAA.....14,781
Russia Assisted	+OK3C.....1,126,476	DK2LO.....23,776	AJ6T.....37,856	*+K8BL.....14,315
+R8TT.....809,700	+9A4M.....1,081,899	DL8LR.....22,704	MULTI-OPERATOR WORLD	*+VE4VT.....13,728
R7NW.....676,801	+LY7Z.....1,081,410	HA1TI.....22,599	HG8DX.....400,582	<i>*Low Power</i>
+R2QA.....666,939	ASSISTED W/VE	YØBSE.....21,408	RL3A.....331,783	<i>+Assisted</i>
+R9CW.....622,380	+VE3EJ.....1,172,313	DJ9DJ.....21,216	OM7M.....330,578	
+R8WF.....514,538	+VA2WA.....985,064	WB4MSG.....20,313	UA7K.....300,960	
+RG9A.....470,208	+KF3B.....586,696		SP8R.....280,860	
+RM4F.....463,140	+K1LT.....575,592		E7CW.....270,291	
			YR8D.....265,860	
			N2CEI.....226,327	

2021 CQWW 160M CONTEST CLUB SCORES

(Minimum of 3 three entries required for listing)

SCORE	#ENTRIES	CLUB	SCORE	#ENTRIES	CLUB
33,122,659	263	BAVARIAN CONTEST CLUB	403,465	9	METRO DX CLUB
18,424,421	188	POTOMAC VALLEY RADIO CLUB	377,838	3	SK1BL
14,167,013	127	FRANKFORD RADIO CLUB	373,509	7	BIG SKY CONTESTERS
12,903,101	107	UKRAINIAN CONTEST CLUB	371,981	4	TURKISH RADIO AMATEUR CLUB
9,895,989	52	RUSSIAN CONTEST CLUB	368,793	4	IOWA DX AND CONTEST CLUB
9,703,218	95	YANKEE CLIPPER CONTEST CLUB	345,787	6	LKK LVIV SHORTWAVE CLUB
9,501,875	71	CONTEST CLUB ONTARIO	321,343	4	IVANOVO DX CLUB
9,019,332	29	BALTIC CONTEST CLUB	319,532	3	RC THREE VICTORIA
8,140,305	54	ITALIAN CONTEST CLUB	301,799	3	SK6QA STENUNGSUND AMATEUR RADIO CLUB
7,529,996	67	RHEIN RUHR DX ASSOCIATION			
7,436,341	48	KAUNAS UNIVERSITY OF TECHNOLOGY RADIO CLUB	291,632	8	KANSAS CITY CONTEST CLUB
			283,448	5	NORTH TEXAS CONTEST CLUB
6,542,044	121	SOCIETY OF MIDWEST CONTESTERS	280,612	4	CWOPS
5,484,963	17	SLOVENIA CONTEST CLUB	278,190	5	ST LOUIS ARC
5,157,296	18	EA CONTEST CLUB	269,711	5	NORTH CAROLINA DX AND CONTEST CLUB
5,039,458	20	CONTEST CLUB FINLAND	268,597	8	TEXAS DX SOCIETY
5,005,015	16	BELOKRANJEC CONTEST CLUB	262,112	8	SHENANDOAH VALLEY WIRELESS ASSOCIATION
4,908,149	21	CROATIAN CONTEST CLUB			
4,079,271	31	SP DX CLUB	257,024	3	CENTRAL SIBERIA DX CLUB
4,061,364	18	LATVIAN CONTEST CLUB	252,418	3	SK5AA VASTERAS RADIOKLUBB
4,051,821	119	MINNESOTA WIRELESS ASSN	226,804	13	ROCHESTER DX ASSOCIATION
3,754,373	39	FLORIDA CONTEST GROUP	216,817	4	SK6AW HISINGENS RADIOKLUBB
3,666,706	40	ARIZONA OUTLAWS CONTEST CLUB	214,394	9	WESTERN WASHINGTON DX CLUB
3,173,140	10	CHILTERN DX CLUB	194,296	4	VYTAUTAS MAGNUS UNIVERSITY RADIO CLUB
2,893,515	16	CZECH CONTEST CLUB			
2,871,584	8	HUNGARIAN DX CLUB	185,690	12	NORTHEAST MARYLAND AMATEUR RADIO CONTEST SOCIETY
2,440,778	24	VERON			
2,303,081	15	DANISH DX GROUP	174,851	3	NOT QUITE WORKABLE CONTEST CLUB
2,282,443	20	MAD RIVER RADIO CLUB	165,776	4	SOUTHERN OSAKA CONTEST CLUB
2,243,021	9	URAL CONTEST GROUP	164,745	4	HAMPDEN COUNTY RADIO ASSOCIATION
2,108,475	4	UA2 CONTEST CLUB	150,398	3	CENTRAL VIRGINIA CONTEST CLUB
1,973,504	11	CONTEST CLUB BELGIUM	146,203	3	R4F-DX-G
1,953,111	13	CONTEST CLUB SERBIA	126,238	4	CSM Timisoara
1,917,267	54	DEUTSCH AMATEUR RADIO CLUB	123,303	3	CSM Craiova
1,814,716	14	BELARUS CONTEST CLUB	122,763	3	NEW MEXICO BIG RIVER CONTESTERS
1,793,544	19	NORTH COAST CONTESTERS	114,952	3	GREAT PLACES CONTEST CLUB
1,758,365	40	NORTHERN CALIFORNIA CONTEST CLUB	114,150	6	PROVIDENCE RADIO ASSOCIATION
1,747,218	10	ALRS ST PETERSBURG	88,126	3	RADIOSPORT MANITOBA
1,668,949	31	TENNESSEE CONTEST GROUP	87,459	4	599 DX ASSOCIATION
1,613,044	13	THRACIAN ROSE CLUB	87,289	3	ORDER OF BOILED OWLS OF NEW YORK
1,511,858	5	BOSNIA AND HERZEGOVINA CONTEST CLUB	86,860	6	SASKATCHEWAN CONTEST CLUB
1,472,805	4	RSGB CONTEST CLUB	85,329	6	MOTHER LODE DX & CONTEST CLUB
1,386,401	22	GRAND MESA CONTESTERS OF COLORADO	83,896	4	5NNDXCC
1,291,577	11	CENTRAL TEXAS DX AND CONTEST CLUB	81,513	7	FORT WAYNE RADIO CLUB
1,258,125	6	WORLD WIDE YOUNG CONTESTERS	76,335	4	HILLTOP TRANSMITTING ASSOCIATION
1,256,431	17	KENTUCKY CONTEST GROUP	75,617	5	ARCK
1,207,728	5	THREE A'S CONTEST GROUP	64,023	4	ARKTIKA
1,205,653	8	LA CONTEST CLUB (NORWAY)	53,030	3	CS SATU MARE
1,177,457	8	SOUTH URAL CONTEST CLUB	51,325	4	WEST PARK RADIOPS
1,172,248	5	CLIPPERTON DX CLUB	50,386	6	RU-QRP
1,121,329	7	CONTEST GROUP DU QUEBEC	49,908	3	YO DX CLUB
1,117,323	19	SOUTH EAST CONTEST CLUB	47,753	5	NEW PROVIDENCE ARC
1,031,565	23	HUDSON VALLEY CONTESTERS AND DXERS	44,603	4	KANSAS CITY DX CLUB
1,004,162	17	RUSSIAN CW CLUB	43,800	5	SILVER COMET AMATEUR RADIO SOCIETY
970,615	4	FLORIDA WEAK SIGNAL GROUP	39,439	5	ARAUCARIA DX GROUP
918,231	23	SOUTHERN CALIFORNIA CONTEST CLUB	35,738	3	SPOKANE DX ASSOCIATION
862,611	8	MARITIME CONTEST CLUB	31,759	4	VLADIMIR CONTEST CLUB
842,550	12	CAROLINA DX ASSOCIATION	26,204	4	PACIFIC NORTHWEST VHF SOCIETY
838,381	3	FAZENDA ACTIVITY CONTEST GROUP	24,668	3	TRC
820,123	4	WEST SERBIA CONTEST CLUB	20,882	3	MEDITERRANEAN DX CLUB
732,948	4	LA-DX-GROUP	19,619	4	ALBERTA CLIPPERS
677,687	6	GEORGIA CONTEST GROUP	17,560	3	MERIDEN ARC
666,898	9	BAY AREA DXERS	15,404	5	OKAYAMA DX CLUB
658,680	4	SRR	14,292	4	VK CONTEST CLUB
627,576	4	OK1KQJ CONTEST CLUB	13,926	4	PANDURII TIRGU JIU
627,001	5	GM DX GROUP	10,670	3	BERGEN AMATEUR RADIOASSOCIATION
613,766	3	YU1ANO & YU1A CONTEST TEAM	7,674	3	URE BAIX CAMP
606,478	12	DFW CONTEST GROUP	5,806	3	RADIO CLUB OF REDMOND
589,788	9	GIPANIS CONTEST GROUP	4,347	7	KEYMEN'S CLUB OF JAPAN
588,746	4	DEEP DIXIE CONTEST CLUB	4,089	5	CMDXGROUP
576,142	14	WILLAMETTE VALLEY DX CLUB	2,275	3	CUYAHOGA FALLS ARC
568,857	4	CROWS CONTEST TEAM	2,158	8	ORARI LOKAL BOGOR
564,486	15	NIAGARA FRONTIER RADIOSPORT	1,849	13	YB LAND DX CLUB
548,699	4	VRHNIKA CONTESTERS	839	3	599 CONTEST CLUB
548,642	10	SWAMP FOX CONTEST GROUP	374	3	SOUTH CELEBES CONTEST CLUB
491,612	13	ALABAMA CONTEST GROUP	287	3	ORARI DAERAH NTB
473,673	6	CTRI CONTEST GROUP	271	7	CABREUVADX
456,195	16	ORCA DX AND CONTEST CLUB	158	3	7ADXCC
442,383	7	CATALONIA CONTEST CLUB	146	3	ORARI LOKAL KAB BOGOR
417,739	5	BRISTOL (TN/VA) ARC	99	3	ORARI LOKAL BLITAR



Here is Erwin, DL1FY, using a World War II vintage TXRX and a straight key.



Here is the man behind the highest score in the contest, Sergey, UA2FW, getting ready for antenna work.



Perennial low-power winner Brian, VE3MGY, has the "STAY OFF MY FREQUENCY!" look.

many years and was the chief operator of the station."

Many stations have commented on posting the scores live on the online scoreboard. This has been wildly popular and adds much excitement. Damjan, S52W, a high scorer in European LP Assisted said, "Thanks to everyone who posts the results on online scores and makes the contest even more interesting. What's the point of not posting, I don't know. If anyone explains this to me, so I will understand, he gets a beer."



World Assisted Leader Rolandas, LY4A, has a lot of switches and knobs on the desk.

SSB Results

As good as conditions were on CW, the SSB contest was 180° out of phase. The comments below will tell the tale, it was a tough weekend. There were, however 1,669 entries submitted to our server for log checking. The highest score in the contest went to perennial winner Jeff Briggs, VY2ZM. Jeff's score of 496,000 seems low by his standards, but is by far the highest. Next in line was I5JVA with a respectable 404,000 from EU.

This comment from Jeff says it all, "These were probably the worst 160-meter conditions I have seen in recent memory. While I had a reasonable first hour of 105, the next two hours were something like 35 and 45 per hour respectively. The only solid signal out of Europe the first night was LY4A who was always there until his SR. We stopped to chat a few times the first

night and he said he had worked only one trans-Atlantic contact, guess it was me.”

Jeff’s brother Peter, K3ZM, managed to stay awake through the depressed conditions to take the top U.S. spot again. They always have a brother competition going on as illustrated by this conversation, “at about 0600Z on Sunday morning, when the contest had been largely decided, the following conversation took place on the air:

“K3ZM: Okay, Ace. How many QSOs do you have?”

“VY2ZM: About 800.

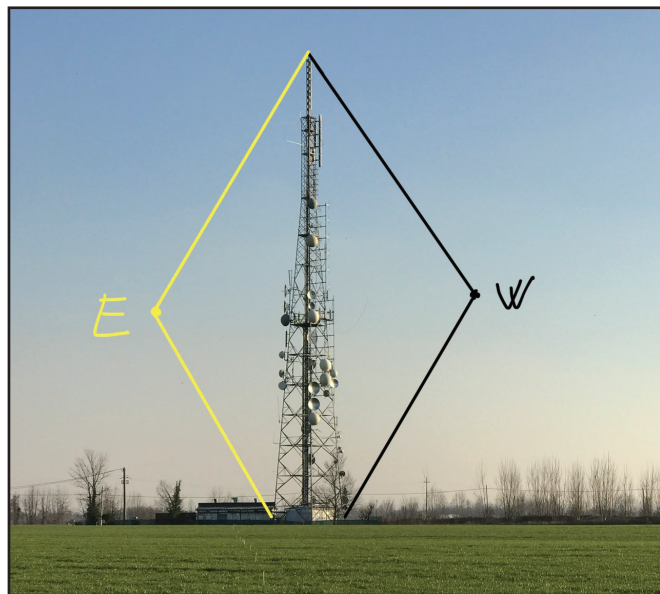
“K3ZM: I win.”

Of course, Jeff’s score is higher due to the point advantage from VE (and multipliers), but Peter wins the QSO race.

K3ZM	276,210	1079	58	35
VY2ZM	496,769	794	55	48



Marco, IK2CLB, sits at his shack during the 2021 running of the CQWW 160-Meter Contest. (Courtesy of IK2CLB)



The 80-meter tall towers with 2-element full size dipoles act as the transmitting antenna while a 450-meter-long beverage is the receiving antenna at IK2CLB. (Courtesy of IK2CLB)

And congratulations to Jeff for winning the combined CW / SSB award in a runaway with 2.3 MEG. A special congratulations goes to Brian, VE3MGY, for his SSB operation. He took the top spot in Canada, for both LP and HP. Amazing with the depressed conditions. Well done, Brian! Top scorer in U.S. Zone 4, Karl, ND8DX, summed it up this way, “Lackluster conditions to say the least resulted in the lowest score since 2002. Sunday morning brought QRN to the south through west, precipitation static north through east. Thanks to all those who hung in there and gave ‘fills’ when needed during that period. It also goes without saying, the usual run of Europeans around their sunrise was sorely missed. But despite all that, it was still the CQ 160 SSB contest, and that is all that matters!”

Sam, LY5W, said, “Worst conditions ever in my life since 1981.” Do you sense a theme here? It was a tough weekend to be on 160 meters. But during a pandemic, there is not much else to do, so many hung in there.

Ed, N1UR, who took top honors in the U.S. LP category, had a similar take, “Well, that had to be in my top 5 worst condition contests ever. Not only was Europe virtually non-existent for the whole contest here but I only made 2 Qs beyond MN (NM and AZ). Never heard nor worked the entire west coast or CO, ND, SD, MT, WY, ID etc. I thought the power was back on in Texas but only heard and worked 2 stations the whole contest.”

Rolandas, LY4A, who had the top Single-Op Assisted HP score said: “TNX for the QSOs, propagation was crazy, only 11 U.S. and 2 VE worked. Nice opening to JA and Asia Saturday evening so I was able to work 32 JAs.”

Due to the depressed conditions, there were some trophy winners new to the scene this time, such as EA6SX and PP5JR. We are happy to reward your participation and appreciate the multipliers.

Obeying the Rules

As we pointed out last year, the committee receives many complaints from entrants. We wish to emphasize these violations in the hopes we can keep a level playing field in the future.

- Use of remote receivers outside 100 kilometers (inside 100 kilometers allowed in Multi-Op only)
- Use of excessive power
- Use of QSO finding assistance by Single-Op who claim Unassisted
- Excessively wide signals, including key clicks and splatter.
- Operating outside band limits (below 1810 kHz in IARU region 1, and using band edges)
- Unsportsmanlike conduct (such as frequency fights).

Thankfully, this year there were no blatant cases resulting in disqualification. However, there are many stations on our “watch list” and we ask that everyone play by the same rules.

In closing, special thanks to all those who assisted in making the contest a success, including N6TR (log checking), K1DG (trophies), and K5ZD (webmaster). Certificates for everyone are available for printing on our website at <www.CQ160.com>. If anyone would like a Log Checking Report, send an email to me at <Director@CQ160.com>. Please specify which **mode** you are asking for and the **call-sign used**. Trophies will be mailed shortly. Thanks to all for participating and see you in 2022.

Remember, all CQ contests have a 5-day deadline for submitting logs. Check out the rules on <www.CQ160.com> for the latest information.

– 73, Andy, N2NT
Director, CQ160 Contest