Results of the 2020 CQWW 160 Meter Contest

Topband Can Be a Wonderful Obsession

BY ANDY BLANK,* N2NT

Few people would disagree that VY2ZM and K1LZ have a couple of the biggest 160-meter stations in the world. So where did they operate the 2020 CQ 160 Meter contest? Why, Mongolia, of course!

Chak, JT1CO, invited Jeff and Krassy to operate Multi-Op along with Roman, RN5M, and Sergey, UAØSC, at his fine station at JT5DX. With a 4-square and two Beverages, the team made 1.3M points with over 1,400 QSOs. I am sure they made a lot of people happy with a great multiplier and some All-Time New One (ATNO) QSOs.

Of course, that didn't stop Velimir, K3JO, from operating the K1LZ super station and taking top U.S. honors on CW, just edging out Jeff's brother Peter, K3ZM, by only 1.5%. The same results occurred on SSB with K1LZ and K3ZM, but conditions were not nearly as good as CW.

The top score in Multi-Op CW was earned by the S5 team with an amazing story of a "Field Day" setup on Lampedusa Island as IG9/S59A. With only 700 watts to the transmit antenna, and no in-band receiving capability, it was a challenge. They fought the elements and still scored nearly 3M points. Congratulations guys! Coming in second was the seasoned team of TAs and Ukrainian ops at TCØX, which were edged by less than 1%. A great job by both teams.

The Ironman Award goes to Stan Stockton, K5GO/ZF5T, who grabbed the combined score trophy on both modes. Stan's seaside QTH in the Cayman Islands is a 160-meter hot zone and his booming signal is quite amazing.

Many thanks again to the Bavarian Contest Club (BCC), which had 214 entries this year, which topped last year's 195. They almost doubled the next club down, Potomac Valley Radio Club (PVRC) at 22M points. Additionally, the 40M point total is a full 25% higher than 2019. Congratulations to the BCC and thanks for your fantastic support of the contest. Clearing 10M total aggregated score are the Frankford Radio Club, Rhein Ruhr DX Association, Ukrainian Contest Club, and the Yankee Clipper Contest Club.

The CQ 160 Committee is proud that the rules have been changed to allow Low-Power operation in the immensely popular Assisted categories. Until now, the rules only allowed High-Power operation. All scores are sorted in our official database, located at CQ160.com and can be sorted by categories.

A new record of 3,051 logs was received for CW. Single-Op Assisted was the most popular category with 1,362 entries, followed by 1,276 Unassisted entries.

CW Results

I always love quoting from the #2 U.S.A. Single-Op entrant Peter, K3ZM, who has a unique perspective on the CQ160 competition: "Did anybody manage to get the elusive Maine multiplier? :)"

Here is Chak, JT1CO, with his good friend Krassy, K1LZ, having a great time with Chak's excellent station.

There were 11 entries from Maine, with three scores over 1M points. K1LZ, K1DG, and K1A all did it, but K1DG was the only one of the three who was actually there! Bill, KO7SS, operated K1A from Arizona.

The conditions were fantastic on CW this year. Not quite a repeat of the once-in-a-lifetime conditions of 2009, but quite good. Propagation across the Atlantic was solid both nights. There were so many scores in the millionaires club, there are too many to list here.

It's a sign of the times that there are so many remote operations in use these days. K3JO's operation from K1LZ was done remotely to earn first place in the U.S.A. 2018 Single-Op winner N5DX returned to the category as a remote operator from N2QV, this time placing third in U.S.A. N2TTA and K4BAI both operated remotely as NP2P and PJ4A. They placed third and fifth, respectively, in the highly competitive Single-Op DX category. They couldn't overtake Uli, DL5AXX, who traveled to CR3W for the top spot, or Stan, ZF5T, for second place in the world; both operating the traditional way at the station sites. Stan is the father of N5DX, so remote operation can't be too far off for him as well.

In Single-Op Low Power, five stations were able to make over 1,000 QSOs: 3V8SF, MU2K, LY4L, KD4D, and 4O3A. Ash, KF5EYY, operated 3V8SF to the top World spot from

* *director@cq160.com*

PLAQUE WINNERS AND DONORS

World Single Operator Combined SSB/CW
Stan Stockton (ZF9CW)
ZF5T
Donor: Ed Parish, K1EP

World Multioperator Combined SSB/CW
Valery Zhytkovich
EW5A
(EW6W, RD1A, RT1M, RT9T, RW1F, EU6AF ops)
Donor: Juan Carlos Munoz, TG9AJR

CW

SINGLE OPERATOR
World
Ulf Ehrlich (DL5AXX)
CR3W
Donor: Paul Newberry, N4PN Memorial (by N4RJ)

U.S.A
VELIMIR DERIC (K3JO)
K1LZ
Donor: Milt Jensen, N5IA, Memorial by Arizona Outlaws Contest Club

Canada
John Sluymer
VE3EJ
Donor: VE2XAA Memorial by Thor Stefansson, TF4M

U.S.A. - Zone 3
John Barcroft
K6AM
Donor: Bruce Butler – W6OSP Memorial

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

U.S.A. - Zone 5
Peter H Briggs
K3ZM
Donor: Jim Monahan, K1PX

Africa
Luca Aliprandi (IK2NCJ)
D4C
Donor: James "Skip" Riba, WS9V

Asia
Pavel Kukushkin
UN9L
Donor: Missouri DX/Contest Club, K4SX

Europe
Pavel Prihoda (OK1MU)
OK6W
Donor: Emir-Braco Memic, E77DX

South America
John T. Laney III (K4BAI)
PJ4A
Donor: John Rodgers, WE3C

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

European Russia
Igor Avdeev
UA2FZ
Donor: CQ 160 Contest Committee

Japan
Shige Tsukeshiba
JH2FXK
Donor: Alabama Contest Group

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

Southern Hemisphere
Osvaldo A. Santarone (LU5DF)
LU8DPM
Donor: Robert Kile, W7RH

World Assisted
Mathias Kolpe (DL4MM)
P4ØAA
Donor: Andy Chesnokov, UA3AB

Asia Assisted
Sergey Moskaev
R8TT
Donor: Jon Zaimes, AA1K

Europe Assisted
Krzysztof Sobon
SN7Q
Donor: DK5DC Memorial by DX-Hotel DM9EE

U.S.A. Assisted
Dennis Egan
W1UE
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

Assisted – Zone 5
Bill Straw (KO7SS)
K1A
Donor: Potomac Valley Radio Club

World Low Power
Ashraf Chaaname (KF5EYY)
3V8SF
Donor: Akito Nagi, JA5DQH

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

Asia – Low Power
Valery Strelchenok
UA9QM
Donor: Robert Kile, W7RH

Europe Low Power
Oleg Borisov (RL5D)
MU2K
Donor: DL1RK Memorial Petr Ourednik, OK1RP

Canada Low Power
Ric Guidone
VE3XL
Donor: Contest Club Ontario

World QRP
Arunas Vaglys
LY5E
Donor: Wayne Mills, N7NG

U.S.A. QRP
Marty Ray
N9SE
Donor: Bob Raymond, WA1Z

U.S.A. QRP - Zone 4
Charlie Hansen
NØTT
Donor: K9JWV Memorial by (WC7S)

Europe QRP
Rudolf Rueffer
DK7HA
Donor: Peter Voelpel, DJ7WW

MULTI-OPERATOR
World
Drago Turin S59A
IG9/S59A
(S51V, S52OT, S56N, S57DX, S59A ops)
Donor: Paul Newberry, N4PN Memorial (by N4RJ)

U.S.A.
John Crovelli
W2GD
(K2TW, KU2C, KZ2I, KS3F, N2HM, N2OO, W2CG, W2GD, W2NO, W2RQ, ops)
Donor: WØCD Memorial (by K8GG and W8UVZ)

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

Europe
Petr Clupny
OK7K
(OK1BN, OK1GK, OK1NS, OK3RM, ops)
Donor: Bob Evans, K5WA

ASIA
Ali Riza Ozsaran TA3EL
TCØX
(TA3A, TA3AER, TA3EL, TA3LHH, UA9CDC, URØMC, US2YW, UT5ECZ, UT5EL, UW8SM, UZ5DX ops)
Donor: Nodir Tursoon-Zadeh, EY8MM

SSB

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

U.S.A.
Velimir Deric (K3JO)
K1LZ
Donor: W4PZV/W4SVO Memorial (by NQ4I)

Canada
Peter Barron
VE3PN
Donor: Tom Haavisto, VE3CX

U.S.A. - Zone 3
Robert C. Lee
N7AU
Donor: Nate Moreschi, N4YDU

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

U.S.A. - Zone 5
Peter H. Briggs
K3ZM
Donor: Brent Scott, WR5O

Asia
Vladimir Falshunov
R8WF
Donor: Jessica Beckling, KN4JJA

Europe
Branko Zemljak
S57C
Donor: James "Skip" Riba, WS9V

Asiatic Russia
Boris Khakimzyanov
UA9CAW
Donor: Steven "Sid" Caesar, NH7C

North America
Stan Stockton (ZF9CW)
ZF5T
Donor: CQ magazine – K2EEK Memorial

South America
Sergio Lima De Almeida
PP5JR
Donor: John Rodgers, WE3C

Oceania
Dave Sullivan
ZL2OK
Donor: Steve "Sid" Caesar - NH7C

Southern Hemisphere
Mario Raul Andraca Rivera
LU8DPM
Donor: John Rogers, WE3C

World Assisted
Petr Clupny (OK1BN)
OK7K
Donor: K9HMB Memorial by Ray Sokola, K9RS

Asia Assisted
Sergey Moskaev
R8TT
Donor: Chuck Dietz, W5PR

Europe Assisted
Rolandas Jokubauskas
LY4A
Donor: Curtis Rose, N2ZX

U.S.A. Assisted
Bud Governale
W3LL
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, KI4KWR

U.S.A. Low Power
George Verciuc
W8CO
Donor: Tim Duffy, K3LR

Europe Low Power
Andrzej Lysakowski
SP5CJY
Donor: Contest Club Ontario

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

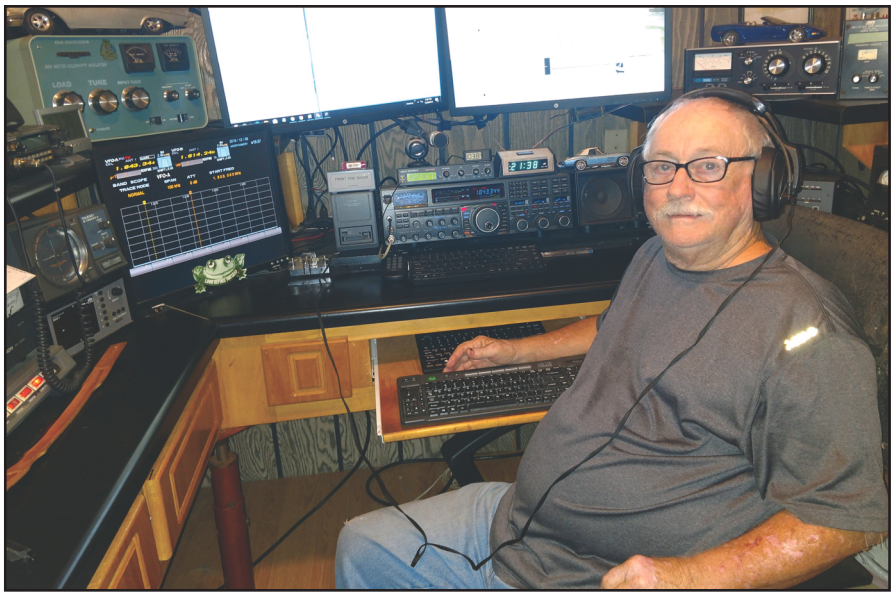
World QRP
Maksim Kesic
E77Y
Donor: John Rodgers, WE3C

MULTI-OPERATOR
World
Noah Gottfried (K2NG)
PJ4G
(K2NG, NE9U, KK9K, PJ4NX ops)
Donor: Southeastern DX Club

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

Europe
Pavel Prihoda OK1MU
OL7M
(OK1CDJ, OK1CID, OK1JD, OK1MU, OK2ZAW ops)
Donor: South Jersey DX Assocation, N2CW

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



This fine station belongs to Cort, K4WI, who was first place in Alabama on SSB Low Power.

Here is John, K4BAI, operating PJ4A remotely from the comfort of KU8E's QTH. He has a fast internet connection.

Tunisia, while RL5D traveled to MU2K for second place World. Mark, KD4D, used the super station of W3LPL for his U.S.A. victory.

This was the first year that we have been able to separate Low- and High-Power rankings in the Assisted category, a long overdue change. CQ160 regular Low-Power winner Brian, VE3MGY, pointed out he has the new North American record for Single-Op Assisted Low Power. It occurred to me that EVERYBODY has set a new Low-Power record for Single-Op Assisted. There will be a listing on our official website to reflect all these as well.

Of special note, and a tribute to the conditions, is the effort by Osvaldo, LU5DF, operating at the fine station of Mario, LU8DPM. Normally, QSOs from Argentina to the U.S.A. or EU are difficult due to the distance. But with a full size vertical and array of Beverages, they were able to make 488 QSOs and approximately 500K total score. Well done, guys!

In the most competitive category of Single-Op World Unassisted, there were no less than 16 scores over 1M points. But the top score of CR3W by DL5AXX really stands out, the only one over 2M points. However, that is nothing com-

2020 CQWW 160M CONTEST TOP SCORES

CW

USA

K1LZ 1,128,548
K3ZM 1,112,238
N5DX 1,065,912
K1DG 1,023,435
W5MX 729,270
NA8V 703,948
N4XD 667,584
W4CB 666,600
W3BGN 633,204
W5ZN 590,117

VE

VE3EJ 1,240,070
VE3DZ 962,016
VE3AT 831,512
VE3VN 512,627
VE3PN 474,117
VE6BBP 419,616
VE3YT 283,283
VE3KP 237,830
VE3XL 178,160
VE3BR 167,165

Zone 3

K6AM 414,468
W7QM 358,992
K7RAT 323,904
WJ9B 235,969
AA6AA 231,413
W6AYC 204,952
AC6DD 199,890
N7GP 163,891
N7ZG 153,840
N6RK 146,219

Zone 4

VE3EJ 1,240,070
VE3DZ 962,016
VE3AT 831,512
W5MX 729,270
NA8V 703,948
W5ZN 590,117
W9RE 530,292
VE3VN 512,627
N2IC 492,366
VE3PN 474,117

QRP

LY5E 388,275
DK7HA 290,958
YL2QN 232,532
HA8BE 216,794
S52P 207,309
S57M 205,261
OL4W 187,885
OK1LL 164,800
N9SE 159,100
EU1AA 143,468

DX

CR3W 2,272,064
ZF5T 1,956,080
NP2P 1,523,162
OK6W 1,516,020
PJ4A 1,474,667
KP2M 1,448,912
D4C 1,358,012
XE2X 1,352,124
NP2J 1,322,752
LY7Z 1,297,032

Zone 14

EI5DI 1,014,328
CR6K 904,818
DL1AUZ 903,540
DF9LJ 706,414
MU2K 574,752
OZ1LO 563,530
GM3POI 444,136
DL5SE 409,590
SMØT 386,863
DK6XZ 341,360
EI7KD 341,352

Zone 15

OK6W 1,516,020
LY7Z 1,297,032
S53A 1,183,005
OHØR 1,056,438
OM7RU 778,146
HG5D 756,276
9A2AJ 728,178
LY4L 545,776
4O3A 502,980
OM5CD 499,668

Zone 16

UX2X 1,014,253
R7NW 978,588
R8WF 726,732
RA3XM 489,552
RU3UR 448,154
UT7NY 435,288
EW1I 400,932
RN1A 385,360
UX1HW 352,968
R3ST 329,751

Russia

R7NW 978,588
R8WF 726,732
RT9A 690,074
RA3XM 489,552
RU3UR 448,154
RN1A 385,360
RA9MA 373,503
R3ST 329,751
R3FX 309,463
RD4F 264,180

LOW POWER World

3V8SF 956,970
MU2K 574,752
LY4L 545,776
KD4D 525,100
4O3A 502,980
NØNI 412,794
OK7Y 382,120
9A1AA 367,567
LY9A 323,068
DL6KWN 321,925

LOW POWER W/VE

KD4D 525,100
NØNI 412,794
WB8JUI 270,300
N8II 263,637
K1EP 254,800
K5KU 241,020
K3JT 231,500
K1DC 187,376
VE3XL 178,160
VE3VSM 157,960

QRP W/VE

NØTT 130,950
N3CZ 65,670
KØPK 35,964
WB4MSG 30,438
KKØU 27,979
W9CC 20,610
KEØTT 19,395
K3TW 19,366
KI4IO 16,605
WB2CPU 12,002

MULTI-OPERATOR WORLD

IG9/S59A 2,941,390
TCØX 2,746,668
P33W 2,730,192
OK7K 2,153,792
PJ2T 2,141,644
EW5A 2,041,068
RL3A 2,016,540
4X2M 2,005,560
UA7K 1,937,250
9A1P 1,822,620

MULTI-OPERATOR W/VE

VO2AC 1,704,417
W2GD 1,395,468
K3LR 1,072,804
NR4M 890,960
KØDI 842,656
KM3T 798,840
N1LN 696,828
N3EB 660,625
K2AX 627,792
NA7TB 588,672

ASSISTED WORLD

+P4ØAA 2,156,011
+SN7Q 1,659,711
+SN2M 1,601,380
+OM7M 1,501,360
+LX2ØI 1,479,226
+MX5A 1,438,490
+UA2FZ 1,433,295
+LY4A 1,367,380
+YL2SM 1,314,036
+LY7M 1,313,820

ASSISTED W/VE

+VA2WA 1,191,360
+W1UE 1,044,669
+K1A 1,010,152
+AA1K 979,104
+K3WW 826,344
+K1LT 807,380
+N3HEE 784,655
+VE3RZ 771,948
+K2AV 709,800
+KVØQ 693,328

SSB

USA

K1LZ 338,548
K3ZM 302,736
ND8DX 213,891
NA8V 199,827
W3BGN 183,440
W1XX 181,645
K2XA 160,290
W3TS 114,595
W1OC 112,995
K3ZO 109,340

VE

VY2ZM 745,461
VE3PN 205,190
VE3MGY 203,112
VE3DZ 140,882
VA3AR 117,355
VA3AC 99,603
VA3NW 38,581
VE3KP 29,930
VE3VY 19,807
VE3TW 14,790

Zone 3

N7AU 23,970
N7RK 18,179
W6AFA 14,250
K7IU 10,560
W7ZB 7,887
VA7EU 7,056
AI6LY 6,975
K7HP 5,478
NG7M 4,524
K7STO 4,228

Zone 4

ND8DX 213,891
VE3PN 205,190
VE3MGY 203,112
NA8V 199,827
VE3DZ 140,882
VA3AR 117,355
KØIDX 105,690
ND4Y 104,082
VA3AC 99,603
KØTT 89,962

QRP

E77Y 61,440
HA8BE 54,264
R2FI 24,570
EU1AA 23,698
WB4MSG 22,320
DLØAZ 21,276
UT1WW 20,628
YO8BSE 19,314
OK1LL 18,172
HA1TI 14,924

DX

ZF5T 623,370
ZF2AM 465,360
S57C 371,853
IK2YCW 336,490
ES5RW 301,000
SN7D 260,455
YL7X 223,040
SP9N 204,544
SQ7CL 164,777
LY5W 159,689

Zone 14

EA3IBV 76,750
SB6A 64,920
DF2DJ 64,100
DL2SAX 58,056
M3D 56,212
MIØM 52,962
EG2CAI 51,696
DLØESA 47,360
DK1KC 45,360
DG5MLA 45,150

Zone 15

S57C 371,853
IK2YCW 336,490
ES5RW 301,000
SN7D 260,455
YL7X 223,040
SP9N 204,544
SQ7CL 164,777
LY5W 159,689
LY2BVB 147,732
SN6M 144,990

Zone 16

UX1UA 149,292
US5D 125,856
UT2AA 87,400
R8WF 84,398
RA3XM 70,460
UA4LCH 48,258
UR5TM 47,463
RA1ZZ 40,303
RC5Z 39,780
UZ1U 38,556

Russia

R8WF 84,398
RA3XM 70,460
UA4LCH 48,258
RA1ZZ 40,303
RC5Z 39,780
UA9CAW 36,735
RK3E 33,966
RC2SB 30,400
RA3RA 25,806
UA1CUR 25,760

LOW POWER WORLD

VE3MGY 203,112
LY4L 131,663
SP5CJY 103,831
VA3AC 99,603
W8CO 89,205
OK1LRD 84,832
LY9A 84,214
SQ9ZAX 80,388
HA8WY 63,102
OM5WW 60,952

LOW POWER W/VE

VE3MGY 203,112
VA3AC 99,603
W8CO 89,205
KB4OLM 51,832
N2HMM 51,747
W8GP 51,012
N4XL 48,730
NGØC 40,698
VA3NW 38,581
KS3D 36,608

QRP W/VE

K3TW 5,208
N8LJ 4,825
K2MIJ 4,290
W7BAK 4,248
WB8DC 2,720
W1RGA 676
WØYJT 630
VE6EX 520
W1IG 60
VA3MYC 30

MULTI-OPERATOR WORLD

PJ4G 538,164
OL7M 533,808
EW5A 496,524
HG8DX 431,730
US1Q 358,179
SP8R 352,577
UA7K 317,900
N2CEI 311,115
N2CW 306,976
S56P 273,428

MULTI-OPERATOR W/VE

N2CEI 311,115
N2CW 306,976
WU2X 267,145
W5MX 169,338
W8PR 154,356
K2AX 100,809
N3DPB 85,413
WR5O 79,168
NE3F 66,642
K3CCR 66,300

ASSISTED WORLD

+OK7K 650,743
+LY4A 610,416
+KP4KE 479,412
+S54ZZ 302,808
+LX2ØI 286,556
+EA9/DL1MGB 270,776
+MI5K 267,064
+DK6WL 262,352
+DK2OY 233,064
+W3LL 194,292

ASSISTED W/VE

+W3LL 194,292
+N4RV 164,410
+K4ISV 140,466
+AA1K 139,410
+K4XL 135,660
+VE3CX 131,089
+W1EQO 129,244
+N2ZX 115,024
+VE3CV 114,895
+W3FOX 99,162

**Low Power*
+Assisted

pared to the High-Power Assisted category where 25 scores topped 1M. Again, the standout score is from another German: Mathias, DL4MM, operating from P4ØAA. Mat's score is the only one above 2M points on that list. The next 24 stations above 1M are mostly from Europe, with VA2WA, W1UE, and K1A all sneaking into the millionaire's club.

In the hugely popular Multi-Op category, there were a whopping 49 scores over 1M points, and eight over 2M! There were six 1M-plus scores in the Czech Republic alone. The crew at OK7K took the top EU spot with 2.15M points and EW5A at 2.04M points. OK7K has 11 receiving antennas and managed over 500 U.S.A. QSOs. A surprise entrant into the CQ160 was the K3LR super station. They made a fantastic effort of over 1M points, but the seasoned N.J. shore crew at W2GD was victorious in the end.

Of special note is VO2AC who have tried to operate from a shore lighthouse QTH for the past 3 years. The weather finally cooperated, and their effort is the third highest Multi-

2020 CQWW 160M CONTEST CLUB SCORES

(Minimum of 3 three entries required for listing)

SCORE	#ENTRIES	CLUB
40,734,353	214	BAVARIAN CONTEST CLUB
22,814,744	170	POTOMAC VALLEY RADIO CLUB
19,076,095	131	FRANKFORD RADIO CLUB
12,335,632	52	RUSSIAN CONTEST CLUB
11,453,408	64	RHEIN RUHR DX ASSOCIATION
11,367,691	101	UKRAINIAN CONTEST CLUB
10,587,525	83	YANKEE CLIPPER CONTEST CLUB
9,877,921	54	CONTEST CLUB ONTARIO
8,423,716	21	CROATIAN CONTEST CLUB
8,110,266	20	BALTIC CONTEST CLUB
7,054,444	42	KAUNAS UNIVERSITY OF TECHNOLOGY RADIO CLUB
6,910,185	89	SOCIETY OF MIDWEST CONTESTERS
6,598,828	15	BELOKRANJEC CONTEST CLUB
6,012,255	19	SLOVENIA CONTEST CLUB
5,745,296	19	MAD RIVER RADIO CLUB
5,475,575	47	ARIZONA OUTLAWS CONTEST CLUB
5,166,850	42	SP DX CLUB
5,070,981	20	CONTEST CLUB FINLAND
4,816,285	24	EA CONTEST CLUB
4,467,047	15	LATVIAN CONTEST CLUB
4,461,210	15	HUNGARIAN DX CLUB
3,834,226	25	ITALIAN CONTEST CLUB
3,824,308	13	URAL CONTEST GROUP
3,779,536	13	BELARUS CONTEST CLUB
3,733,725	16	CONTEST CLUB SERBIA
3,369,738	11	UA2 CONTEST CLUB
3,332,506	28	FLORIDA CONTEST GROUP
2,684,913	18	DANISH DX GROUP
2,678,443	18	NORTH COAST CONTESTERS
2,653,497	7	WORLD WIDE YOUNG CONTESTERS
2,630,001	12	VYTAUTAS MAGNUS UNIVERSITY RADIO CLUB
2,534,313	57	DEUTSCH AMATEUR RADIO CLUB
2,438,712	12	SOUTH URAL CONTEST CLUB
2,334,034	9	THRACIAN ROSE CLUB
2,167,420	28	TENNESSEE CONTEST GROUP
2,044,593	42	MINNESOTA WIRELESS ASSN
1,999,619	12	SOUTH EAST CONTEST CLUB
1,985,101	18	KENTUCKY CONTEST GROUP
1,965,301	8	MARITIME CONTEST CLUB
1,883,714	10	ALRS ST PETERSBURG
1,880,204	12	RUSSIAN CW CLUB
1,761,851	15	ALABAMA CONTEST GROUP
1,725,190	9	VERON
1,624,395	12	GRAND MESA CONTESTERS OF COLORADO
1,596,003	3	CENTRAL SIBERIA DX CLUB
1,573,302	7	GIPANIS CONTEST GROUP
1,533,470	3	MILARA CONTEST CLUB
1,502,911	3	FLORIDA WEAK SIGNAL GROUP
1,362,726	3	CLIPPERTON DX CLUB
1,294,469	10	CONTEST GROUP DU QUEBEC
1,290,695	11	CENTRAL TEXAS DX AND CONTEST CLUB
1,114,978	21	SOUTHERN CALIFORNIA CONTEST CLUB
1,113,114	31	NORTHERN CALIFORNIA CONTEST CLUB
1,040,998	7	GM DX GROUP
1,030,536	18	HUDSON VALLEY CONTESTERS AND DXERS
1,022,859	4	RIIHIMAEN KOLMOSET
1,017,550	5	TALL TREES CONTEST GROUP
986,935	4	SHAKHAN CONTEST CLUB
888,926	5	LU CONTEST GROUP
870,654	3	FAZENDA ACTIVITY CONTEST GROUP
843,335	10	KANSAS CITY CONTEST CLUB
829,413	10	NIAGARA FRONTIER RADIOSPORT
755,679	13	WILLAMETTE VALLEY DX CLUB
708,069	5	IOWA DX AND CONTEST CLUB
654,916	3	VERULAM ARC
641,475	7	DEEP DIXIE CONTEST CLUB
628,238	7	CAROLINA DX ASSOCIATION
620,394	6	CHILTERN DX CLUB
611,299	4	RIO DX GROUP
604,156	3	OMSK REGION RADIOCLUB
591,604	8	CTRI CONTEST GROUP
472,061	3	OK1KMU
468,511	4	CZECH CONTEST CLUB
466,080	3	UR-QRP-CLUB
460,051	5	BRISTOL (TN/VA) ARC
452,719	4	LA-DX-GROUP
393,793	13	DFW CONTEST GROUP
393,310	15	WESTERN WASHINGTON DX CLUB
392,752	5	BIG SKY CONTESTERS
352,420	4	NORTH CAROLINA DX AND CONTEST CLUB
321,823	6	CATALONIA CONTEST CLUB
318,910	4	R4F-DX-G
307,256	9	ROCHESTER DX ASSOCIATION
298,798	3	OK1KQJ CONTEST CLUB
293,646	5	NOT QUITE WORKABLE CONTEST CLUB
292,097	3	RADIO AMATEURS OF NORTHERN VERMONT
252,542	9	ORCA DX AND CONTEST CLUB
231,004	4	YO DX CLUB
230,638	3	SRR
224,827	4	DONBASS CONTEST CLUB
218,505	6	MOTHER LODE DX & CONTEST CLUB
213,286	3	LOMA DEL TORO DX CLUB
200,526	9	SWAMP FOX CONTEST GROUP
199,182	5	CSM Craiova
190,461	4	BLACK SEA CONTEST CLUB
185,580	5	ARAUCARIA DX GROUP
179,537	3	IRKUTSK RADIO CLUB
174,315	8	VRHNIKA CONTESTERS
167,290	6	TEXAS DX SOCIETY
146,168	7	WEST PARK RADIOPS
129,827	4	NORTH TEXAS CONTEST CLUB
120,288	3	GERMAN DX FOUNDATION
115,235	3	GREAT SOUTHERN DX ASSOCIATION
112,907	3	SPANDAU DXERS
112,886	7	RU-QRP
110,247	3	HILLTOP TRANSMITTING ASSOCIATION
109,726	3	RCWC
108,320	4	BERGEN AMATEUR RADIOASSOCIATION
107,702	5	PORTAGE COUNTY AMATEUR RADIO SERVICE
106,831	4	599 DX ASSOCIATION
101,343	4	CENTRAL VIRGINIA CONTEST CLUB
94,760	6	ARKTIKA
86,209	3	VORONEZH RADIO CLUB
83,271	4	GRANITE STATE ARA
77,028	3	SHENANDOAH VALLEY WIRELESS ASSOCIATION
72,468	4	METRO DX CLUB
65,804	8	SPOKANE DX ASSOCIATION
63,958	3	SK5AA VASTERAS RADIOKLUBB
56,700	3	KRIVBASS
56,554	3	WOBBLERS
56,469	3	BADGER CONTESTERS
55,229	3	RADIO AMATEUR ASSOCIATION OF WESTERN GREECE
54,949	3	SOUTHWEST OHIO DX ASSOCIATION
46,474	8	NEW PROVIDENCE ARC
43,458	3	VK CONTEST CLUB
41,682	3	THE VILLAGES AMATEUR RADIO CLUB
35,876	9	KEYMEN'S CLUB OF JAPAN
33,868	3	ARCK
27,017	3	NORFOLK AMATEUR RADIO CLUB
22,026	4	TURKISH RADIO AMATEUR CLUB
21,292	4	URE BAIX CAMP
20,675	3	BLRCI
8,068	3	CALABRIA DX TEAM
6,448	3	PACIFIC NORTHWEST VHF SOCEITY
2,171	16	YB LAND DX CLUB
438	9	ORARI LOKAL KEDIRI
168	7	ORARI LOKAL BOGOR
158	9	SINGLE FIGHTER DX GROUP
114	4	ORARI LOKAL BLITAR
76	3	CDR GROUP
45	4	CABREUVADX

Op in North American history. Congratulations to VE9CB and VO1HP, along with Chris, VO2AC, for their great dedication to the contest.

Conditions were good enough this year to produce some big scores in the QRP section. World winner Arunas, LY5E, commented that the new rules allowing assisted operation for all QRP entries was a welcome change. He made an incredible 990 QSOs, breaking the K9AY record of 801 QSOs dating back to 2009. Marty, N9SE, had the highest QRP score in the U.S. with 714 QSOs. Well done, guys!

SSB Results

There were 1,471 logs submitted for SSB this year, up from 1223 in 2019. The transatlantic conditions on SSB were nowhere near as good as the CW portion.

The Multi-Op team at OL7M fought bad weather and bad propagation to North America and almost won the world. They almost doubled the winning total of QSOs from PJ4G, but the lack of 10 pointers and states for OL7M made the scoring difference. The margin of victory was on only 5K points.

In the U.S.A., the shore station of N2CW (the same location as W2GD on CW) was surprised by the Northern Florida team of N2CEI (who operates as KØDI on CW). N2CW had a slightly higher claimed score, but the positions changed after log checking. It is very unusual to win this category from southeastern part of the country. Congratulations, guys!

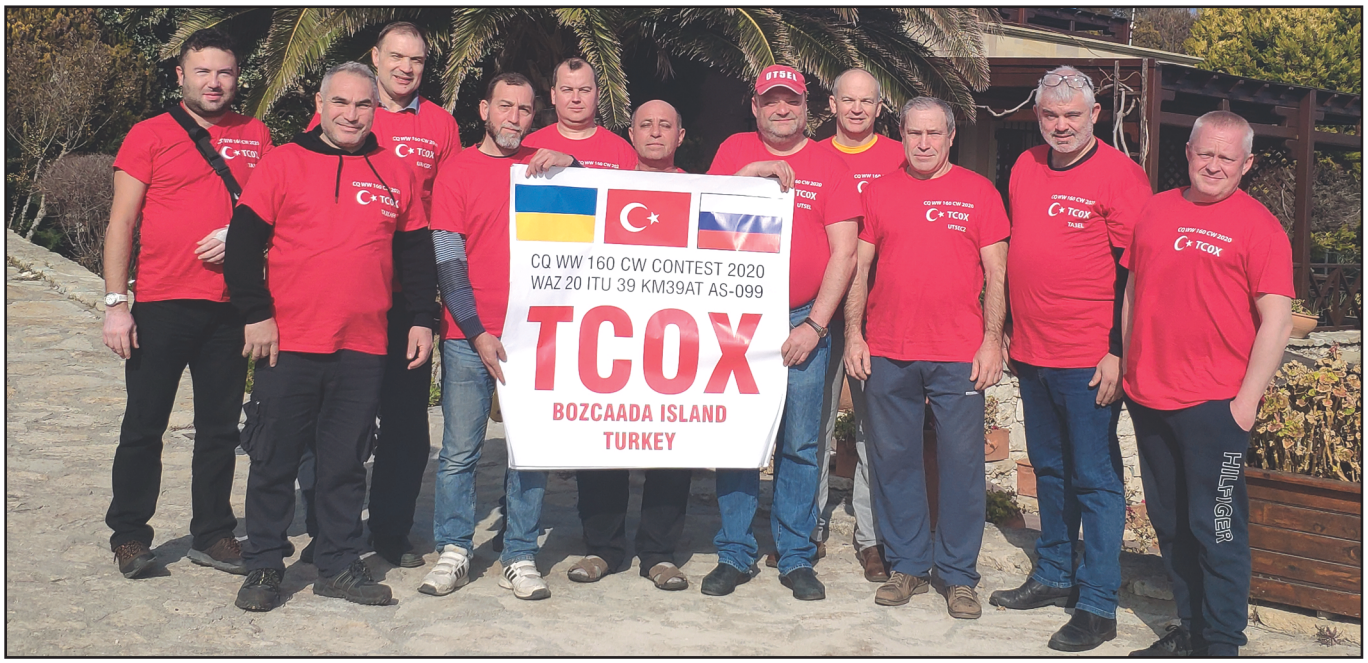
Jeff, VY2ZM, decided to return to the superstation on Prince Edward Island to operate SSB, and pilot it to the top World score in Single-Op High Power. He managed to squeak by the Cayman Island tag team of ZF5T and ZF2AM.

With depressed conditions, the U.S. competition was a bit tougher. But once again it was K3JO at K1LZ and K3ZM battling for the top spot. It was Velamir operating remotely from the new Maine superstation of K1LZ who was victorious again. The amazing unpredictability of Topband means that in any given year the places can change. This was "Maine's year" for sure.

And in Europe, only 35K points separated Branko, S57C, operating from S5ØC, and Gabry, IT9RGY, operating from the fine station of IK2YCW. Operating this contest from Europe is always a challenge due to the enormous QRM from the big guns. Congratulations to all the participants for sticking it out to the end.

In the Single-Op Low Power category, our friend Brian, VE3MGY, blew away the competition with a score of

David, HC5DX, made some people happy on SSB with a fine multiplier from his mountaintop QTH at 8,300 feet in elevation in Ecuador.



Multi-Op Asia winner is the crew from Ukraine and Turkey of (not listed in standing order) TA3A, TA3AER, TA3EL, TA3LHH, UA9CDC, URØMC, US2YW, UT5ECZ, UT5EL, UW8SM, and UZ5DX.

203K; the next station was LY4L at 131K. George, W8CO, repeated his 2019 U.S.A. Low-Power victory as well. In Europe, only two stations were able to crack 100K points: LY4L and SP5CJY.

In the wildly popular Assisted category, Petr, OK1BN, operating as OK7K, piloted the station to first place in the world. Coming in second was Rolandas, LY4A, with only 40K fewer points than Petr. The U.S. battle in Assisted resulted in Bud, W3LL, outlasting Rich, NN3W, operating at N4RV, by only 30K points. In the new Low-Power Assisted category, Glenn, K2FF, operating at NA5NN, took top U.S. honors. His only comment was "CQ Wyoming, CQ Wyoming … where are you?" He just edged out N4BAA by only 2K points.

And Slavko, S57DX, who took top Low-Power World Assisted, makes this comment: "As expected LP is hard work!" Imagine if he tried QRP?

Speaking of QRP, somehow Max, E77Y, managed to make 302 QSOs with under 5 watts. This was a fantastic job given the conditions. Next was Bela, HA8BE, a long-time 160M regular, with 250 QSOs. Operating QRP on 160-meter SSB has to be one of the hardest things to do in a contest. Congratulations to all who stuck it out. Unfortunately there was no trophy sponsored for top USA QRP, but congratulations to Gene, WB4MSG, on taking first place!

The CQ160 Committee would like to take a moment to honor long time Topband enthusiast Herb Schoenbohm, KV4FZ. Herb became a Silent Key (SK) in April 2020 at age 84. He was a fixture on 160 meters and in most 160-meter contests as well. RIP Herbie, we will all miss you.

Obeying the Rules

This year it was necessary to disqualify one station (US1Q on CW). We have proof that a remote receiver located on another continent was used to receive stations. This is a clear violation of the rules and spirit of the contest. While not all violations are as blatant as this, the committee receives many complaints from entrants every year. We wish to point out 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 claims Unassisted
- Excessively wide signals, including key clicks and splatter.
- Operating outside band limits (below 1810 in IARU Region 1, and using band edges)
- Unsportsmanlike conduct (such as frequency fights).

In closing, I would like to give special thanks to all those assisting me 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 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 callsign used.

Trophies will be mailed shortly. Thanks to all for participating and see you in 2021. Remember all CQ Contests have a 5-day deadline for submitting logs. Check out the rules on CQ160.com for the latest information.

– 73, Andy, N2NT, Director CQ160 Contest

(Scores on page 102)