

Results of the 2020 CQ World Wide WPX SSB Contest

BY BUD TRENCH*, AA3B

"Worked this contest as a great diversion from the news. I truly hope we all have less virus news next year, as we enjoy the best hobby in the world!" – Garry, KF5VDX

In late March 2020, the world was under siege from an invisible invader. Stay-at-home guidance was widely in effect, driving communities to shelter in place. Each passing media report was scarier than the last, and many were desperate to escape from an unrelenting flow of COVID-19 news.

The 2020 running of the CQ WW WPX SSB contest proved to be a much-needed diversion for the ham radio contest community, and the response was nothing short of phenomenal. Despite uninspiring propagation, the event saw a record number of participants, including representatives from 196 entities. In true ham spirit, technologies were deployed to foster competition while adhering to stay-at-home guidelines. In summary, WPX SSB was just what the doctor ordered.

Social Distancing

"It seems the coronavirus has certainly increased the activity on the bands,

with everyone stuck at home and nothing better to do than operate radio all weekend." – Steve, PJ4DX

It was clear that COVID-19 shook things up in 2020. Stay-at-home guidelines likely stimulated a record number of participants. A total of 7,597 logs were received, smashing the previous

high by 38%. The mix of logs by category also reflected social distancing considerations, particularly with respect to multi-operator efforts. Table 1 shows that multi-operator logs were down by nearly 60% as compared to 2019, and participants at these stations plummeted by 75%. The good news is that many of the displaced multi-oper-



DR1X (DF8XC) preventing the spread of the virus while passing out a needed multiplier.

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Category	2020		2019		Change	
	Logs	Operators	Logs	Operators	Logs	Operators
Multi-Single	115	340	285	1,289	(170)	(949)
Multi-Two	19	70	60	389	(41)	(319)
Multi-Multi	15	75	33	251	(18)	(176)
Multi Total	149	485	378	1,929	(229)	(1,444)
Single Op	7,448	7,448	5,139	5,139	2,309	2,309
All Up	7,597	7,933	5,517	7,068	2,080	865

Table 1. Impacts of COVID-19 on log submittals.

2020 CQWW WPX SSB TOP SCORES

WORLD

Single Op All Band High Power	
UB7K	16,283,432
OM3BH	15,209,756
CF3A (VE3AT)	14,908,166
XM3T (VE3DZ)	14,890,752
VE3EJ	14,502,110
Single Op 28 MHz High Power	
PX2A (PY2PT)	1,300,143
KZ5MM (W5PR)	182,310
IW0HBY	63,920
Single Op 21 MHz High Power	
PV2P (PY2DY)	6,831,756
LU5FC	5,107,123
CV7S	3,750,178
Single Op 14 MHz High Power	
D41CV (IK2NCJ)	8,233,758
4L8A	5,957,226
S57DX	5,244,048
Single Op 7 MHz High Power	
CR6T (CT1ESV)	13,955,200
UP4L (UN7LZ)	11,984,544
YT7A (YU7GM)	7,621,983
Single Op 3.7 MHz High Power	
OK7W	4,781,700
I04C (I24DPV)	3,943,926
UX2X (UT2XQ)	3,284,120
Single Op 1.8 MHz High Power	
VY2ZM (K1ZM)	1,067,800
HG0R (HA0NAR)	703,131
SN7D (SQ7D)	689,192
Single Op All Band Low Power	
NN3W (@NR4M)	5,208,786
IW1FRU	4,948,496
IQ8SN (IZ8FVN)	4,310,515
HC2AO	4,212,110
VA2EW	4,133,500
Single Op 28 MHz Low Power	
EA8CYE	303,238
CA4PSH	180,600
PU2UAF	68,529
Single Op 21 MHz Low Power	
PY2UD	3,215,284
PY2CX	1,070,456
FY5KE (F1HAR)	970,546
Single Op 14 MHz Low Power	
EM2G (UR7GO)	1,993,304
PY2NY	1,733,820
UP7L (UN6LN)	732,942
Single Op 7 MHz Low Power	
LY5W	1,878,888
RC7KY	1,678,479
IW4EGX	1,433,664
Single Op 3.7 MHz Low Power	
PE00T (PA2TMS)	1,461,452
OK5D (OK1DTP)	725,900
HG1S (HA1TJ)	576,290
Single Op 1.8 MHz Low Power	
LY4ZZ (LY2BMX)	156,891
OK2BFN	153,034
OH3RB	82,414
Single Op All Band High Power Assisted	
DL6FBL	17,781,085
PT5J (PP5JR)	16,640,694
9A5Y (9A3LG)	12,248,800
LY4A	11,693,700
VC2A (VA2WA)	10,432,779
Single Op 28 MHz High Power Assisted	
CX2DK	1,042,878

EF8K (EA8DET)	260,246
LU1DX	212,744
Single Op 21 MHz High Power Assisted	
4X0A (4X1VF)	1,589,852
CT3HF	1,274,711
ZV2K (PY2SHF)	668,655
Single Op 14 MHz High Power Assisted	
HG8R (HA8JV)	6,012,614
DL2ARD	5,958,288
HG5A (HA5IW)	5,027,642
Single Op 7 MHz High Power Assisted	
US1Q (US8ICM)	11,416,680
S51YI	10,375,230
SN3A (SP3GEM)	8,235,150
Single Op 3.7 MHz High Power Assisted	
S56P	3,723,100
S54ZZ	3,676,120
HB9NE	3,268,510
Single Op 1.8 MHz High Power Assisted	
SP8K	641,982
S56X	430,491
YL2SW	366,520
Single Op All Band Low Power Assisted	
NN1C	7,319,165
HZ7C (Z71SJ)	4,938,697
S52NR	3,875,733
TM3Z (F4DSK)	3,631,892
UP5B (UN7Z0)	2,974,208
Single Op 28 MHz Low Power Assisted	
LU2UF	213,666
HZ1SK	183,183
IT9RWB	115,830
Single Op 21 MHz Low Power Assisted	
PY2QT	394,067
VR2EH (VR2ZQZ)	356,400
EA1R	306,771
Single Op 14 MHz Low Power Assisted	
YV5GPA	1,315,089
UY3U	1,196,580
RZ3Z	1,192,422
Single Op 7 MHz Low Power Assisted	
4M8E	1,627,750
G8X (G4FJK)	1,050,576
I04R (IU4FNO)	869,004
Single Op 3.7 MHz Low Power Assisted	
OK1AY	519,170
9A1AD	449,680
SQ2KLZ	304,236
Single Op 1.8 MHz Low Power Assisted	
OL9R (OK6RA)	325,650
YT8A (YU1EA)	266,888
YT4T	121,800
Single Op All Band QRP	
OK2FD	854,536
ES6RW	588,690
EE3X (EA30)	473,802
VO11DX	462,664
LY5G	238,090
Single Op 28 MHz QRP	
I5KAP	5,290
CE3DNP	4,664
HS5YK	4,032

Single Op 21 MHz QRP	
BH7XZW	28,890
E73AA	8,437
TA2IB	6,345
Single Op 14 MHz QRP	
A61FJ	101,556
UT1XX	43,500
411EBD	34,560
Single Op 7 MHz QRP	
LY2NK	152,558
I23IBL	92,544
Y0VVM	62,192
Single Op 3.7 MHz QRP	
HG6C (HAGIAM)	95,832
S51Z	68,783
OM5LD	62,748
Single Op 1.8 MHz QRP	
HA1TI	20,367
R2FI	12,948
OH1HD	2,336
Single Op All Band QRP Assisted	
UW8SM	631,953
HA6NL	295,947
LY2OU	249,066
YU1LM	191,786
OM6H (OM7ANT)	189,225
Single Op 28 MHz QRP Assisted	
SV2CLJ	5,207
PU2VJI	1,792
Single Op 21 MHz QRP Assisted	
PY2VQ	10,336
Single Op 14 MHz QRP Assisted	
UT1DX	174,230
M11M	52,992
IB9PB (IT9KXK)	23,598
Single Op 7 MHz QRP Assisted	
DK5QN	335,592
OK2AP	93,990
OH1Z (OH1LEG)	49,735
Single Op 3.7 MHz QRP Assisted	
GW8C (M0WLY)	20,736
Single Op 1.8 MHz QRP Assisted	
ES5OA	12,062
YP8A (Y08WW)	5,661
YU3LAX	4,416
Multi-Single High Power	
RL3A	23,040,992
NV9L	7,320,280
KA1ZD	4,711,824
SE0X	4,145,316
KX7M	3,652,215
Multi-Single Low Power	
ZW8T	3,954,972
E7CW	2,388,514
BD7DT	1,488,186
DM5B	1,027,404
JU1DX	982,146
Classic Multi-Op Single Transmitter High Power	
NV9L	7,320,280
SE0X	4,145,316
PA0AA	2,441,064
Classic Multi-Op Single Transmitter Low Power	
SP2ZIE	740,952
M0MQV	126,000
Multi-Two	
LZ9W	27,056,744
HG7T	16,430,965
RT4F	14,694,992
KL7RA	12,875,808
ED1R	12,624,336

Multi-Multi	
VW2DX	29,798,224
NR60	8,537,008
I19P	6,951,760
TC3A	4,686,871
DM30RSV	2,012,339
Rookie High Power	
NE1C (KC1KUG)	1,849,072
SQ3M	1,291,004
R2ARR	859,535
9A5MX (DJ4MX)	697,500
9M2SAF	554,990
Rookie Low Power	
9M2TDX	392,048
411LCP	364,176
E78AX	334,330
LY5AX	310,068
SP8ALT	287,920
Classic High Power	
VE3EJ	14,502,110
AK1W (K5ZD)	12,025,330
RW1F	10,513,894
C4W (5B4WN)	9,548,516
ED5R (EA5Z)	6,882,680
Classic Low Power	
LY9A	2,303,320
KU1CW	2,116,828
KD5DD (K5KU)	1,843,155
IK1JMM	1,262,600
NG0C	723,472
Tribander / Wires High Power	
EB8AH (EA8RM)	7,472,080
ZZ2T (PY2MNL)	6,458,320
CT3KN	5,444,453
N30E	3,660,246
DR7B (DL2JRM)	3,558,625
Tribander / Wires Low Power	
HZ7C (Z71SJ)	4,938,697
PC3T	2,342,570
DL1WA	1,907,806
MU2K (RL5D)	1,811,999
IU8HPD	1,724,510
Single Op All Band High Power	
AK1W (K5ZD)	12,025,330
AC1U (N1UR)	10,058,580
KD4D	9,751,985
KW7Y (K7RL)	7,967,215
KT5J (K5TR)	7,688,908
Single Op 28 MHz High Power	
KZ5MM (W5PR)	182,310
Single Op 21 MHz High Power	
NA4W (K4WI)	404,754
K2XA	319,176
K5RX	316,774
Single Op 14 MHz High Power	
KU2M	4,886,400
KK9A	4,784,060
W7WA	4,655,364
Single Op 7 MHz High Power	
N5DX	5,357,896
AG4W	1,372,560
W6AFA	1,244,500
Single Op 3.7 MHz High Power	
ND8DX	1,451,936
W3BGN	936,068
AB4B	231,990

Single Op 1.8 MHz High Power	
K1KI	44,622
AJ3T	2,210
Single Op All Band Low Power	
NN3W (@NR4M)	5,208,786
KU1CW	2,116,828
KD5DD (K5KU)	1,843,155
NT6Q (N5Z0)	1,681,414
NB4N (N9NB)	1,656,078
Single Op 21 MHz Low Power	
KG9Y	3,069
N6RM	1,998
Single Op 14 MHz Low Power	
W2AW (N2GM)	244,512
KZ5OH	47,223
KB8VND	41,700
Single Op 7 MHz Low Power	
WA3FAE	223,524
AC4G	149,176
NM2R	120,344
Single Op 3.7 MHz Low Power	
N7NWL	3,850
Single Op All Band High Power Assisted	
WU3A (W3UA)	8,739,900
WW2Y (N2NT)	8,455,590
N4WW	6,717,424
N6AR	5,194,092
K3RA	4,744,047
Single Op 28 MHz High Power Assisted	
K4MM	42,212
K300	12,567
Single Op 21 MHz High Power Assisted	
AA1K	133,668
Single Op 14 MHz High Power Assisted	
KV0Q	3,496,240
KA6BIM	1,522,584
KN2M	930,452
Single Op 7 MHz High Power Assisted	
WQ500 (N800)	7,378,975
K9OM	295,500
AC6ZM	217,224
Single Op 3.7 MHz High Power Assisted	
KC1XX	3,073,833
K1KK (HK1A)	638,175
W3NO	600,504
Single Op All Band Low Power Assisted	
NN1C	7,319,165
NY6DX	1,596,432
NF4A	1,464,372
NU4E	996,630
KS1J	825,385
Single Op 21 MHz Low Power Assisted	
N3ZA	16,905
Single Op 14 MHz Low Power Assisted	
NG1R (W1QK)	815,575
WA5WFE	97,344
KC9EE	92,432
Single Op 7 MHz Low Power Assisted	
KA1IS	690,272
KB9OWD	330,176
N2WF	174,468

UNITED STATES

Single Op 3.7 MHz Low Power Assisted

W8WTS	10,890
W6RW	1,972

Single Op 1.8 MHz Low Power Assisted

W2MF	10,945
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Single Op All Band QRP

W6QU (W8QZA)	65,736
ND0C	29,696
KA8SMA	23,632
N3CI	9,880
NA7UT (K7DLX)	8,512

Single Op 14 MHz QRP

N4IJ	16,470
N7SVI	2,944

Single Op 7 MHz QRP

KK4JYO	4,675
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Single Op All Band QRP Assisted

KD2BGM	66,249
K3HW	13,356
K2GMY	7,392
NO5V	3,608
K8ZT	1,416

Single Op 14 MHz QRP Assisted

KJ5T	1,598
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Multi-Single High Power

NV9L	7,320,280
KA1ZD	4,711,824
KX7M	3,652,215
NC1CC	2,005,660
NC6R	960,336

Multi-Single Low Power

NE0F	957,951
NM1C	583,928
KJ3T	511,227
N8YXR	310,368
W4THI	64,124

Multi-Two

AD4TR	7,704,774
AJ7G	4,010,292
KT7E	3,963,546
WV4P	2,467,900
K3CCR	1,592,360

Multi-Multi

WW2DX	29,798,224
NR60	8,537,008

Rookie High Power

NE1C (KC1KUG)	1,849,072
W0AAE	447,006
AK1MD	295,792
K5TXB	92,664
W9KEY	88,350

Rookie Low Power

K2CNN	170,352
N8JLM	141,603
N1RJK	76,479
K2CAB	68,276
KC1MBX	38,676

Classic High Power

AK1W (K5ZD)	12,025,330
ND7K (N6WIN)	2,972,600
K9ZO	2,359,236
K0TT	2,039,856
N7GP	1,708,520

Classic Low Power

KU1CW	2,116,828
KD5DD (K5KU)	1,843,155
NG0C	723,472
AC0W	520,584
N7ZZ	355,224

Tribander / Wires High Power

N3QE	3,660,246
KT4Q	3,550,607
NA4RR (N4OX)	2,574,444
K1AR	1,981,824
K3DNE	1,770,384

Tribander / Wires Low Power

NY6DX	1,596,432
NF4A	1,464,372
WF9A (LZ4AX)	1,213,154
NU4E	996,630
N2SQW	812,820

EUROPE**Single Op All Band High Power**

UB7K	16,283,432
OM3BH	15,209,756
OE3K (E77DX)	14,494,404
LZ5R (LZ1NK)	13,252,332
CR6K (CT1CJJ)	13,128,193

Single Op 28 MHz High Power

IW0HBY	63,920
IZ0DXI	25,511
IZ4REF	5,764

Single Op 21 MHz High Power

CS5SS (CT1EOD)	1,209,642
EA5GS	816,730
ISNSR	162,225

Single Op 14 MHz High Power

S57DX	5,244,048
DA2C (DK4EE)	5,082,968
S50R	4,464,760

Single Op 7 MHz High Power

CR6T (CT1ESV)	13,955,200
YT7A (YU7GM)	7,621,983
ED5R (EA5Z)	6,882,680

Single Op 3.7 MHz High Power

OK7W	4,781,700
IO4C (IZ4DPV)	3,943,926
UX2X (UT2XQ)	3,284,120

Single Op 1.8 MHz High Power

HG0R (HA0NAR)	703,131
SN7D (SQ7D)	689,192
SQ7CL	423,885

Single Op All Band Low Power

IW1FRU	4,948,496
IO8SN (IZ8FWN)	4,310,515
US2YW	3,875,589
OM0R (OM3GI)	2,984,620
LY4L	2,475,360

Single Op 28 MHz Low Power

CT5KAO	53,872
IT9IHB	20,800
IZ8MXB	18,312

Single Op 21 MHz Low Power

CT1BWU	280,640
HA0TT	170,163
EA5EOR	165,690

Single Op 14 MHz Low Power

EM2G (UR7GO)	1,993,304
LZ2JA	478,686
UT3EV	363,285

Single Op 7 MHz Low Power

LY5W	1,878,888
RC7KY	1,678,479
IW4EGX	1,433,664

Single Op 3.7 MHz Low Power

PE00T (PA2TMS)	1,461,452
OK5D (OK1DTP)	725,900
HG1S (HA1TJ)	576,290

Single Op 1.8 MHz Low Power

LY4ZZ (LY2BMX)	156,891
OK2BFN	153,034
OH3RB	82,414

Single Op All Band High Power Assisted

DL6FBL	17,781,085
9A5Y (9A3LG)	12,248,800
LY4A	11,693,700
OM4MM	10,417,496
S55T (S57AL)	9,985,959

Single Op 28 MHz High Power Assisted

EA1J	181,440
EE7K (EA7AKK)	149,929
EF5U (EA5U)	133,640

Single Op 21 MHz High Power Assisted

EC5AA	571,323
IO9A (IT9YVO)	549,360
DQ2C (DL2SAX)	482,445

Single Op 14 MHz High Power Assisted

HG8R (HA8JV)	6,012,614
DL2ARD	5,958,288
HG5A (HA5IW)	5,027,642

Single Op 7 MHz High Power Assisted

US1Q (US8ICM)	11,416,680
S51YI	10,375,230
SN3A (SP3GEM)	8,235,150

Single Op 3.7 MHz High Power Assisted

S56P	3,723,100
S54ZZ	3,676,120
HB9NE	3,268,510

Single Op 1.8 MHz High Power Assisted

SP8K	641,982
S56X	430,491
YL2SW	366,520

Single Op All Band Low Power Assisted

S52NR	3,875,733
TM3Z (F4DSK)	3,631,892
LZ736W (Z36W)	2,741,300
PC3T	2,342,570
RL6M	2,032,030

Single Op 28 MHz Low Power Assisted

IT9RWB	115,830
EA4AA	114,408
ED1N (EA1NL)	50,736

Single Op 21 MHz Low Power Assisted

EA1R	306,771
EA5ASM	115,668
IK5RUN	85,608

Single Op 14 MHz Low Power Assisted

UY3U	1,196,580
RZ3Z	1,192,422
IK4LZH	1,070,420

Single Op 7 MHz Low Power Assisted

G8X (G4FJK)	1,050,576
IO4R (IU4FNO)	869,004
SP6YG	861,634

Single Op 3.7 MHz Low Power Assisted

OK1AY	519,170
9A1AD	449,680
SQ2KLZ	304,236

Single Op 1.8 MHz Low Power Assisted

OL9R (OK6RA)	325,650
YT8A (YU1EA)	266,888
YT4T	121,800

Single Op All Band QRP

OK2FD	854,536
ES6RW	588,690
EE3X (EA30)	473,802
LY5G	238,090
UR5FEO	222,615

Single Op 28 MHz QRP

ISKAP	5,290
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Single Op 21 MHz QRP

E73AA	8,437
IW2NRI	4,232
OK1LV	3,384

Single Op 14 MHz QRP

UT1XX	43,500
RW3AI	24,816
IZ2JPN	18,468

Single Op 7 MHz QRP

LY2NK	152,558
IZ3IBL	92,544
DH1AKY	41,396

Single Op 3.7 MHz QRP

HG6C (HA6IAM)	95,832
S51Z	68,783
OM5LD	62,748

Single Op 1.8 MHz QRP

HA1TI	20,367
R2FI	12,948
OH1HD	2,336

Single Op All Band QRP Assisted

UW8SM	631,953
HA6NL	295,947
LY2OU	249,066
YU1LM	191,786
OM6H (OM7ANT)	189,225

Single Op 28 MHz QRP Assisted

SV2CLJ	5,207
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Single Op 14 MHz QRP Assisted

UT1DX	174,230
M11M	52,992
IB9BP (IT9KXX)	23,598

Single Op 7 MHz QRP Assisted

DK5QN	335,592
OK2AP	93,990
OH1Z (OH1LEG)	49,735

Single Op 3.7 MHz QRP Assisted

GW8C (M0WLY)	20,736
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Single Op 1.8 MHz QRP Assisted

ES5QA	12,062
YP8A (Y08WWV)	5,661
YU3LAX	4,416

Multi-Single High Power

RL3A	23,040,992
SE0X	4,145,316
HB9PUE	3,355,056
EB1A	3,327,264
PA0AA	2,441,064

Multi-Single Low Power

E7CW	2,388,514
DM5B	1,027,404
SP2ZIE	740,952
HG6L	540,360
OK1KKI	309,120

Multi-Two

LZ9W	27,056,744
HG7T	16,430,965
RT4F	14,694,992
ED1R	12,624,336
SP8R	4,906,874

Multi-Multi

IIP	6,951,760
DM30RSV	2,012,339
LZ6Y	1,180,452
LZ8W	1,041,348
SP9KAO	1,013,480

Rookie High Power

SQ3M	1,291,004
R2ARR	859,535
9A5MX (DJ4MX)	697,500
S57AV	486,336
IX1HPN	450,848

Rookie Low Power

E78AX	334,330
LY5AX	310,068
SP8ALT	287,920
DB5DY	264,132
SP3W	236,768

Classic High Power

RW1F	10,513,894
ED5R (EA5Z)	6,882,680
EA5DFV	4,843,800
YP0C (Y03CZW)	4,239,860
EA6SX	3,857,436

Classic Low Power

LY9A	2,303,320
IK1JJM	1,262,600
MW8R (GW4SHF)	653,306
ES6RW	588,690
M0PLX/M (M0PLX/M)	538,780

Tribander / Wires High Power

DR7B (DL2JRM)	3,558,625
OR3A (ON6CC)	3,462,361
IK3UNA	3,239,808
ON6NL	2,644,605
YL10CWO (YL3JA)	2,507,685

Tribander / Wires Low Power

PC3T	2,342,570
DL1WA	1,907,806
MU2K (RL5D)	1,811,999
IU8HPD	1,724,510
UZ7M (UT9MZ)	1,534,416

ator participants apparently decided to go solo, contributing in part to the growth in single-op logs by over 2,300 as compared to last year.

Test Results

"I had a great time! I have never seen the bands so full of opportunities." – George, AEØTT

The majority of the top scores in the Single-Op All Band categories came from Europe. Top honors in the High-Power category go to Andy, UB7K. His score beat his nearest competitor, OM3BH, by over 1 million points. Bucking the trend, NN3W (at NR4M) took the Low-Power top spot by edging out IW1FRU. The QRP winner was Karel, OK2FD, who bested his nearest competitor, ES6RW, by more than 40%.

Congratulations to Bernd, DL6FBL, for achieving the winning Single-Op All Band High Power Assisted score with an amazing multiplier count of 1,435. The Low-Power Assisted category is the most popular choice of participants, accounting for 27% of the logs received, and teenager Marty, NN1C, ran away with the top spot. The QRP Assisted category was mastered by UW8SM, out in front of the pack by more than 50%.

The single-band scores were impressive. VY2ZM (K1ZM) earned his third consecutive win on Top Band in the High-Power category. The winning 40-meter High Power effort by CR6T (CT1ESV) would have placed him eighth in the world in the Single-Op High

Power listing. DL2ARD's effort to win a third consecutive 20-meter High Power Assisted victory was thwarted by HG8R (HA8JV), who won a close contest by a handful of contacts. The top 15-meter High Power score achieved by PV2P (PY2DY), and 10-meter High Power score earned by PX2A (PY2PT), were up by more than 3x and 5x respectively as compared to 2019 suggesting, there is hope for the high bands.

There were dominant winners in each of the Multi-Operator categories. RL3A's score was nearly five times greater than the nearest competitor in the Multi-Single High-Power category, while ZW8T was out in front in the Low-Power race. LZ9W did not disappoint in the Multi-Two fray, besting the second-place finisher by nearly 10 million points. The Multi-Multi category was owned by the WW2DX team, operating remotely from their recently constructed station on the coast of Maine, falling just short of a new U.S. record.

AK1W, piloted by Randy, K5ZD, was the Single-Op All Band High Power leader in the U.S., followed by AC1U (N1UR). There are many variables to

consider when operating WPX, leading to the closest separation in the U.S. Top-10 brackets between WU3A (W3UA) and WW2Y (N2NT) in the Single-Op Assisted category. WW2Y had the multiplier and QSO total advantage, but was edged out in the end by WU3A's realization of greater QSO points.

The overlay categories are immensely popular in WPX, and this year saw the inclusion of the Classic overlay categories for the first time. The Classic category is for operators using one radio. The inaugural High-Power winner of this new category was VE3EJ, followed by AK1W (K5ZD). There was a battle between LY9A and KU1CW in the Low-Power Classic overlay category, with LY9A prevailing. The top spots in the Tribander / Wires overlay went to EB8AH (EA8RM) for the High-Power and HZ7C (7Z1SJ) in the Low-Power categories respectively.

It is refreshing to see a robust effort by over 300 competitors eligible for the Rookie Overlay, up nearly 10% as compared to 2019. Congratulations to KC1KUG operating at NE1C for an impressive win in the High-Power category and for 9M2TDX's victory in a very

2020 CQWW WPX SSB PLAQUE WINNERS AND DONORS

SINGLE OPERATOR ALL BAND

WORLD: Tom Georgens, W2SC Plaque. Won by: **Andy Kazantsev, UB7K**
WORLD - Low Power: Caribbean Contesting Consortium Plaque. Won by: **Richard DiDonna, NN3W**
WORLD - QRP: Phil Krichbaum, NØKE Plaque. Won by: **Karel Karmasin, OK2FD**

USA: Atilano de Oms, PY5EG Plaque. Won by: **AK1W operated by Randy Thompson, K5ZD**

USA - Low Power: Terry Zivney, N4TZ Plaque. Won by: **Alex Tkatch, KU1CW***

USA - QRP: Doug Zwiebel, KR2Q Plaque. Won by: **W6QU operated by Bill Parker, W8QZA**

USA Zone 3 - Low Power: Buz Reeves, K2GL Memorial by Willamette Valley DX Club Plaque.

Won by: **NT6Q operated by Marko Myllymaki, N5ZO**

USA Zone 4 - High Power: Jerry Rosalius, WB9Z and Val Hotzfeld, NV9L Plaque. Won by: **KT5J op. George P. Fremin, III, K5TR**

USA Zone 4 - Low Power: Jerry Rosalius, WB9Z and Val Hotzfeld, NV9L Plaque. Won by: **KD5DD op. Gary Van Winkle, K5KU**

USA Zone 5 - High Power: Charles Wooten, NF4A Plaque. Won by: **AC1U* operated by Ed Sawyer, N1UR**

EUROPE - High Power: Dave Siddall, K3ZJ Plaque. Won by: **Rastislav Hrnko, OM3BH***

EUROPE - Low Power: Richard DiDonna, NN3W Plaque. Won by: **Max Baratonio, IW1FRU***

EUROPE - QRP: Walter Skudlarek, DJ6QT Memorial by Rhein-Ruhr DX Association Plaque.

Won by: **Rein Kolk, ES6RW**

AFRICA: Peter Sprengel, PY5CC Plaque. Won by: **EB8AH operated by Juan Hidalgo, EA8RM**

ASIA: Chris Terkla, N1XS Plaque. Won by: **Oleg Shevtsov, RM9I**

NORTH AMERICA - High Power: Albert Crespo, F5VHJ Plaque. Won by: **KP3DX op. Felipe J. Hernandez, NP4Z**

NORTH AMERICA - QRP: Phil Krichbaum, NØKE Plaque. Won by: **Jose Osuba, WP4DT**

SOUTH AMERICA: Andrew Faber, AE6Y Plaque. Won by: **Fernando Laguardia, PY4BZ**

SOUTHERN CONE (CE CX LU) - Low Power: LU Contest Group Plaque. Won by: **Mathias Acevedo, CE2LR**

OCEANIA - High Power: Phillip Frazier, K6ZM Memorial Plaque. Won by: **ZM1A op. Jacky Calvo, ZL3CW**

CANADA - High Power: Saskatchewan Contest Club Plaque. Won by: **CF3A op. Ron Vander Kraats, VE3AT**

CANADA - Low Power: Paul Cassel, VE3SY Memorial by Contest Club Ontario Plaque.

Won by: **Gilles Renucci, VA2EW**

JAPAN: Hamad Alnusif, 9K2HN Plaque. Won by: **Hajime Hazuki, JR2GRX**

ASEAN (3W 9M 9V DU HS V85 XU XW XZ YB) - High Power: Agus Wibisono, YB2TX Plaque. Won by: **E2A op. Champ C. Muangamphun, E21EIC**

INDONESIA - Any Single-Operator: Anda Yudas, YB6HAI Plaque. Won by: **Yohanes Budhiono, YB2DX**

SINGLE OPERATOR, SINGLE BAND

WORLD - 28 MHz: Mamuka Kordzakhia, 4L2M Plaque. Won by: **PX2A op. Ricardo Rodriguez, PY2PT**

WORLD - 28 MHz Low Power: Six Stars Contest Station LS1D Plaque. Won by: **Nino Rodriguez, EA8CYE**

WORLD - 21 MHz: Stuart Santelmann, KC1F Memorial by W3UA/RA3AA Plaque. Won by: **PV2P op. Antonio Nikola Belekas, PY2DY**

WORLD - 14 MHz: Lynn Schriener, W5FO Memorial by N5RZ Plaque. Won by: **D41CV op. Luca Aliprandi, IK2NCJ**

WORLD - 3.5 MHz: Roger Miner, K1DQV Plaque. Won by: **Stanislav Kostal, OK7W**

WORLD - 1.8 MHz: Dmitri Gorshkov, UA2FB Plaque. Won by: **VY2ZM op. Jeffrey T Briggs, K1ZM**



Wan, 9M2TDX, won the Low-Power Rookie category.



Andy, UB7K, was the overall winner of the Single-Op High Power All Band category.

USA - 28 MHz: Maurice Schietecatte, N4LZ Plaque. Won by: KZ5MM op. Chuck Dietz, W5PR
 USA - 21 MHz: Maurice Schietecatte, N4LZ Plaque. Won by: NA4W op. Courtney Judd, K4WI
 USA - 14 MHz: Charles Wooten, NF4A Plaque. Won by: Peter Bizlewicz, KU2M
 USA - 7 MHz: Yankee Clipper Contest Club Plaque. Won by: Kevin Stockton, N5DX
 USA - 3.5 MHz: Bernie Welch, W8IMZ Memorial by W3ASW Plaque. Won by: Karl Brandt, ND8DX

EUROPE - 28 MHz: Chuck Dietz, W5PR Plaque. Won by: G. Tommaso, IW0HBY
 EUROPE - 14 MHz: SJ2W Contest Team Plaque. Won by: Slavko Celarc, S57DX
 EUROPE - 3.5 MHz: Ranko Boca, 4O3A Plaque. Won by: IO4C* operated by Massimo Cortesi, IZ4DPV

SINGLE OPERATOR ASSISTED

WORLD: D4C Monteverde Contest Team Plaque. Won by: Bernd Och, DL6FBL
 USA: Alabama Contest Group Plaque. Won by: WU3A op. Gene Shablygin, W3UA
 EUROPE: Martin Huml, OL5Y Plaque. Won by: 9A5Y* op. R.C. Jan Hus, 9A3LG
 ASIA: Rafal Dunal, SQ6CNN Plaque. Won by: Hudaverdi Gunes, TA70M
 OCEANIA: Sid Caesar, NH7C Plaque. Won by: Ken Bawden, VK4QH

OVERLAY CATEGORIES

WORLD - Tribander / Wires: Nate Moreschi, N4YDU Plaque. Won by: EB8AH op. Juan Hidalgo, EA8RM
 USA - Tribander / Wires Low Power: Alex M Jozsa, KG1E Plaque. Won by: John Nistico, NY6DX
 EUROPE - Tribander / Wires: Roger Miner, K1DQV Plaque. Won by: DR7B op. Rene Matthes, DL2JRM
 WORLD - Rookie: Val Edwards, W8KIC Memorial by K3LR Plaque. Won by: NE1C operated by Brayden Ebare, KC1KUG

MULTI-OPERATOR, SINGLE-TRANSMITTER

WORLD: Latvian Contest Club Plaque. Won by: RL3A (op. UA3ASZ, RL3FT, RA9USU, R3DCB, R3DCX, RZ3LC, RW4WR, RA3ATX, RN3DNN)
 WORLD - Low Power: Mike Goode, N9NS Memorial by Hoosier DX and Contest Club Plaque. Won by: ZW8T (op. PS8NF, PS8HF)
 USA: Steve Bolia, N8BJQ Plaque. Won by: NV9L (op. NV9L, WB9Z)
 USA - Low Power: Matt Tatro, NM1C Plaque. Won by: NE0F (op. K0UK, KB0QAA)
 EUROPE: Tonno Vahk, ES5TV Plaque. Won by: SE0X* (op. DD1MAT, SM0MDG, SM0MLZ)
 NORTH AMERICA: Jerry Rosalius, WB9Z and Val Hotzfeld, NV9L Plaque. Won by: 4A60A (op. XE2TFV, XE2S)

MULTI-OPERATOR, TWO-TRANSMITTER

WORLD: Ken Adams, K5KA Memorial Plaque. Won by: LZ9W (op. LZ1ZD, LZ1PM, LZ1VS, LZ1FG, LZ2HQ, LZ3FM, LZ3UP)
 USA: Florida Contest Group Plaque. Won by: AD4TR (op. N4UU, K1MM)
 EUROPE: Rich Strand, KL7RA Memorial Plaque. Won by: HG7T* (op. HA7TM, HA5CAR, HA5WA, HA7JHM, HA9PP, HA0DU, HG5DX)

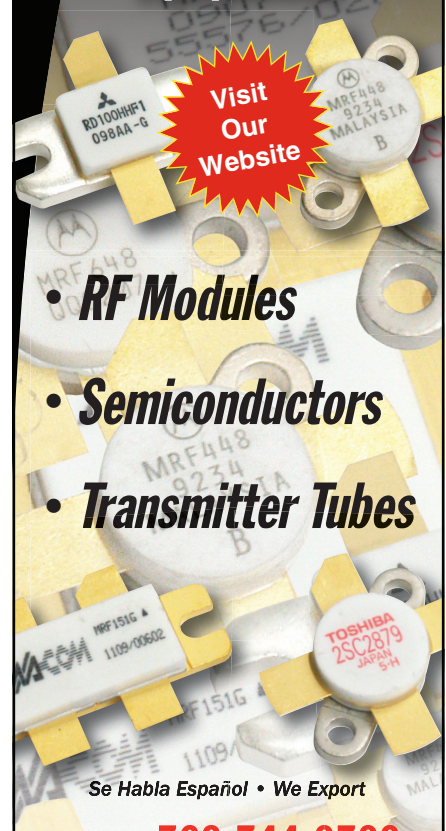
MULTI-OPERATOR, MULTI-TRANSMITTER

WORLD: Sid Caesar, NH7C Plaque. Won by: WW2DX (op. W2RE, K3JO, W4IPC, W4FS, W1ADI, AA4LS, WW2DX, WW1X, KM4SII, K1LZ)
 USA: Dale Hoppe, K6UA Memorial Plaque. Won by: NR60* (op. N6WM, N6RO, K3EST, K6AW, ND6T)
 EUROPE: Rick Dougherty, NQ4I Plaque. Won by: I19P (op. IT9AUG, IT9WNU, IT9EQO, IK1HJS)

*Denotes awarded to runner-up in category

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CQWW WPX SSB CONTEST ALL-TIME RECORDS

The contest is held each year on the last full weekend of March. The All-Time Records will be updated and published annually. Data following the calls: year of operation, total score, and number of prefix multipliers.

WORLD RECORD HOLDERS

Single Operator

1.8	CN2R ('07)	1,613,955	399
3.5	CN2R ('06)	11,849,076	894
7.0	EF9R ('17)	19,451,880	1080
14	CN2R ('08)	15,778,840	1199
21	CN2R ('11)	20,704,164	1443
28	D4C ('14)	17,885,556	1404
AB	CN2R ('13)	30,683,396	1433
LP	FY5FY ('15)	17,380,143	1251
QRP	HC8A ('94)	7,520,562	714
Assisted	CQ3L ('15)	23,505,780	1388

Multi-Operator Single Transmitter

CN2AA ('14)	52,766,482	1759
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Multi-Operator Two Transmitter

D4C ('15)	86,622,448	1936
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Multi-Operator Multi-Transmitter

CN2AA ('15)	121,620,720	2040
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U.S.A. RECORD HOLDERS

Single Operator

1.8	K1ZM/2 ('95)	327,712	308
3.5	K1UO ('10)	2,161,782	602
7.0	N5DX ('20)	5,357,896	851
14	KQ2M/1 ('09)	7,034,082	1082
21	KQ2M/1 ('11)	9,591,670	1210
28	KQ2M/1 ('14)	8,264,263	1141
AB	K1LZ ('16)	15,981,756	1281
LP	WW2Y ('16)	8,047,572	1027
QRP	KR2Q ('00)	2,688,158	649
Assisted	K1IG ('11)	13,075,616	1268

Multi-Operator Single Transmitter

K1LZ ('13)	120,458,646	1,417
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Multi-Operator Two Transmitter

K1LZ ('10)	30,393,480	1560
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Multi-Operator Multi-Transmitter

NQ4I ('14)	31,335,980	1690
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CLUB RECORD

Contest Club Finland ('00)	250,320,141
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QRP RECORD

HC8A ('94)	7,520,562
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WPX (Prefix) RECORD

ES9C ('14)	2057
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CONTINENTAL RECORD HOLDERS

AFRICA

1.8	CN2R ('07)	1,613,955	399
3.5	CN2R ('06)	11,849,076	894
7.0	EF9R ('17)	19,451,880	1080
14	CN2R ('08)	15,778,840	1199
21	CN2R ('11)	20,704,164	1443
28	D4C ('14)	17,885,556	1404
AB	CN2R ('13)	30,683,396	1433

ASIA

1.8	4L5O ('15)	455,816	251
3.5	4L5O ('13)	3,511,998	567
7.0	UP4L (UN7LZ) ('20)	11,984,544	1030
14	P33W ('10)	8,004,130	1030
21	4L8A ('15)	7,816,419	1053
28	H22H ('00)	9,092,146	931
AB	4LØA (RW7K) ('16)	19,525,195	1223

EUROPE

1.8	SN3R ('07)	835,884	434
3.5	OK7W ('20)	4,781,700	828
7.0	CR6T ('20)	13,955,200	1120
14	SJ2W ('16)	10,553,158	1309
21	CR6T ('14)	10,338,560	1312
28	GM7V ('00)	8,305,756	982
AB	CQ8X ('14)	20,759,765	1385

NORTH AMERICA

1.8	VY2ZM ('19)	1,144,650	390
3.5	ZF1A ('08)	2,269,344	462
7.0	T15W ('17)	10,829,850	930
14	KP2A ('95)	7,088,976	912
21	VP2EH ('11)	14,899,185	1305
28	KP2A ('00)	11,385,710	1046
AB	8P5A ('16)	27,306,666	1422

OCEANIA

1.8	KH6ND ('07)	26,432	59
3.5	WH7Z ('03)	1,208,900	308
7.0	ZL3A ('08)	8,200,800	816

14	KH6ND ('03)	6,493,727	887
21	AH7DX ('00)	7,645,990	890
28	TXØDX ('00)	12,049,422	847
AB	KH7X ('11)	20,676,524	1244

SOUTH AMERICA

1.8	HK1KYR ('10)	44,814	77
3.5	YW4D ('17)	2,901,840	535
7.0	HK1T ('12)	14,512,230	1062
14	HK1X ('11)	13,783,532	12599
21	ZX5J ('10)	16,746,977	1369
28	PX5E ('14)	17,817,600	1450
AB	HC8A ('01)	25,180,199	1199

MULTI-OPERATOR SINGLE TRANSMITTER

AF	CN2AA ('15)	52,766,482	1759
AS	P33W ('15)	46,348,274	1714
EU	EI7M ('14)	31,158,736	1648
NA	VP2EC ('92)	24,409,580	1115
OC	KH7X ('12)	19,038,120	1180
SA	HC8A ('93)	32,502,677	1107

MULTI-OPERATOR TWO TRANSMITTER

AF	D4C ('15)	86,622,320	1936
AS	UP2L ('14)	46,044,068	1748
EU	OL4A ('14)	36,280,074	1774
NA	WP2Z ('14)	34,886,363	1607
OC	VK4KW ('11)	26,528,482	1369
SA	PJ4Z ('12)	57,741,867	1641

MULTI-OPERATOR MULTI-TRANSMITTER

AF	CN2AA ('15)	121,620,720	2040
AS	P3A ('00)	53,554,592	1456
EU	ES9C ('14)	73,120,179	205
NA	KL7RA ('14)	42,051,076	1763
OC	KH7R ('02)	32,806,032	1304
SA	HK1NA ('13)	65,361,128	1687

*Low Power

close race in the Low-Power category. Look for big things from these operators in future years.

Peak of the Curve

Decent low-band conditions, coupled with the record turnout, resulted in several new world records. PEØØT (PA2TMS) broke a record that stood for 15 years in the 80-meter Single-Op Low Power category. The first-ever occurrence of an 11 million-plus point score was achieved by US1Q (US8ICM) in the 40-meter High Power Assisted bracket. Finally, kudos go out to DK5QN for the new 40-meter QRP Assisted benchmark.

Records for all of the various categories and countries can be found at <www.cqwp.com/records.htm>.

Quarantine

There were very few disciplinary actions, despite the record turnout, due to the sportsmanship demonstrated by the vast majority of the participants. However, observations of rules violations were received, resulting in appropriate disciplinary outcomes. SDR recordings of stations flagged for splatter were reviewed, and this will be an area of increased focus in future contests. Several excessive power allegations were investigated, leading to reclassification. Out-of-band QSOs were noted in a number of logs, resulting in several warnings and disqualifications. Please remember that you must operate within the band segments authorized by your license, and you must avoid transmitting on frequencies too close to the band edges. Several complaints were also received of self-spotting, resulting in multiple disqualifications.

Final Diagnosis

I've been honored and humbled by the opportunity to take on the stewardship of the CQWW WPX SSB and CW contests. At times it has felt as if I am drinking from a fire hose, but I've been able to pull through by learning from the volunteers that make CQ contests work year over year. I'd like to particularly acknowledge the guidance I've received from K5ZD and N8BJQ, both of whom do the heavy lifting to keep things moving smoothly. I'd also like to express my appreciation to ES5TV, F6BEE, K1DG, K1EA, K3WW, KR2Q, LU5DX, N5KO, N6TR, OH6LI, S5ØXX, VK2IA, and YO3JR for all their help in the log checking processes. Finally, my thanks to the other CQ Contest Directors, who have eagerly demonstrated their desires to work with me collaboratively to benefit the contest community.

(Scores on page 93)