



ARRL 2022 International Digital Contest Full Results

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The inaugural ARRL International Digital Contest was June 4 – 5 2022. 1,422 entries were received for this year’s event.

The ARRL International Digital Contest is geared towards operators of digital amateur radio modes other than Radioteletype (RTTY), as the 2023 RTTY Roundup became a RTTY-only event. The contest is a distance scored event, with the center-to-center distances of the station’s four-character Maidenhead grid squares used for the scoring calculations.

Digital contesting has now been around for several decades in one form or another. The predominant mode of operation was RTTY, with a smattering of other digital modes mixed in. The advancement of digital signal decoding technology, including the introduction of newer digital modes such as PSK31 (fldigi) and FT4/FT8 (WSJT-X), which made multi-channel decoding of received signals possible, changed the face of digital contesting.

The ARRL International Digital contest is the first ARRL event to designate Single Operator, 1 Radio; Single Operator 2 Radio; and Limited Operating Time categories, as well as an All Enclosed Antennas category overlay for participants who use only antennas that are located inside of a building. We will discuss the SO1R, SO2R, and the all enclosed antenna overlay later in this article.

The IDC limits participants to Low Power (100 W transmitter output power or less) and QRP (less than 5 W transmitter output power) entry categories. Participants using greater than 150 W will be considered a checklog, and will not be scored in the competition.

In addition to the event being added to the ARRL sponsored events that are included in the Affiliated Club Competition, the Digital Contest also includes a Team Competition, consisting of two to five single operator stations operating within a 175-mile radius whose individual scores will be combined to produce a team score.

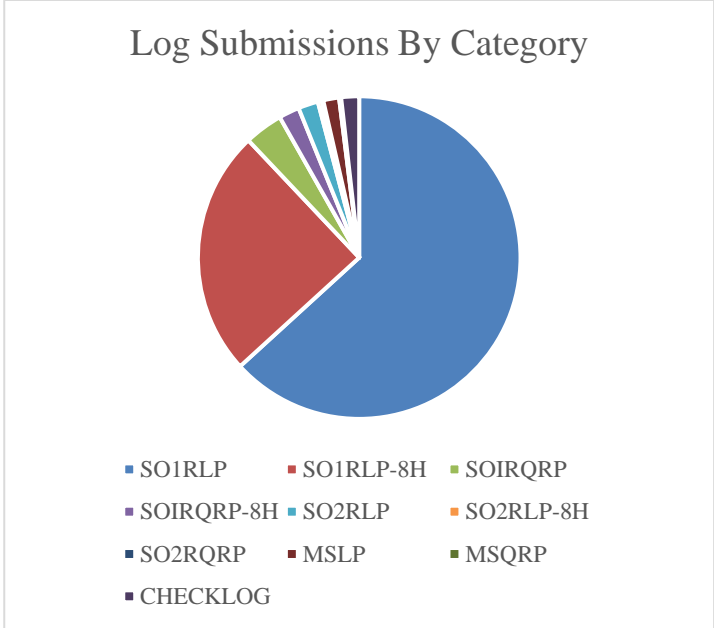


Figure 1 – 2022 ARRL International Digital Contest- log submissions by category.

The most popular of the entry categories were the Single Operator, 1 Radio categories, which comprised 93.9 percent of the total entries.

Of the Single-op categories, Single Operator, 1 Radio, Low Power was by far the most popular category comprising 87.9 percent of all entries, with 28 percent of those entries falling in the 8 Hour Limited Time category.

The Single Operator, 2 Radios and the Multioperator, Single Transmitter categories combined comprised less than 5 percent of the total entries received.

The IDC is the first ARRL event that includes 6 meters along with the 160-10 non-WARC bands. Per agreement, contest operation is not permitted on the 60-, 30-, 17-, and 12-Meter bands. 20 and 15 meters were the most popular bands in the event, with 125,000 QSOs reported on 20 meters, and 95,558 QSOs on 15 meters.

With the proliferation of modern transceivers that include 6 meters along with the HF bands, I am surprised that there wasn’t more activity on 6 meters,

though that can likely be chalked up to propagation. The total number of QSOs reported on the lower bands (40-160 meters) was just over 32,000, with the majority of them on 40 meters.

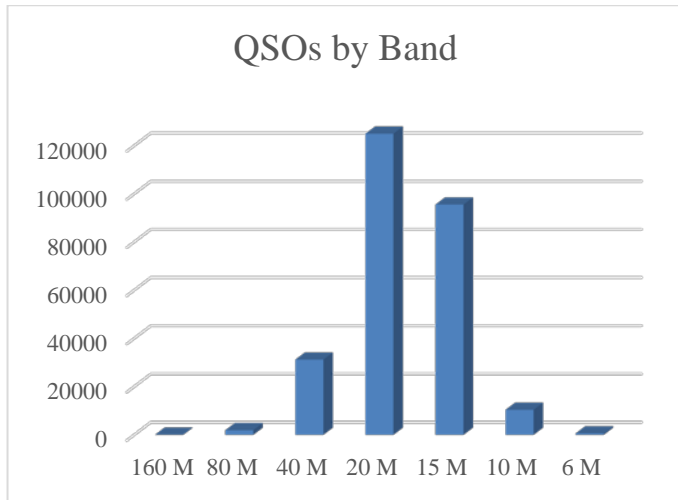


Figure 2 – 2022 ARRL International Digital Contest- QSOs by band.

Single Operator, 1 Radio (SO1R)

In the Single Operator, 1 Radio (SO1R) category, one person performs all transmitting, receiving, and logging functions as well as equipment and antenna adjustments during the event. Only one transmitter and receiver is to be used at any given time, and no more than one transmitted signal or data stream is permitted at any time.

Single Operator, 2 Radios (SO2R)

In the Single Operator, 2 Radio (SO2R) categories, the same provisions regarding operator functions in SO1R still apply. However, the operator is allowed to utilize two radios simultaneously, allowing the operator to search for additional multipliers on a second radio, while transmitting on the other radio. As with SO1R, no more than one transmitted signal or data stream is permitted at any time.

8-Hour Limited Time Categories

Limited Operating Time categories are available for single operator stations. The Limited Time categories allow those stations that aren't able to operate the full 24-hours that Single-op stations are allowed to operate an opportunity to compete with similar stations. The category is limited to 8 hours of operating time.

The operating period begins with the first contact, with periods of inactivity (no QSOs being logged) longer than 60 minutes counted as off time. QSOs made after 8 hours of operating time can still be made (and must be included in the submitted log), but they will not count towards the station's score.

All Enclosed Antennas Overlay

The All Enclosed Antennas overlay is available for Single Operator stations who are unable to erect towers or erect other antennas outside of a structure. This overlay allows those stations who have space limitations or restrictions that prevent them from constructing towers or placing antennas outside.

Top Ten – W/VE

933 logs were received from stations located in the Continental U.S. and Canada

Single Operator, 1 Radio, Low Power

Single Operator, 1 Radio, Low Power	
K6OK	10,987
K9OM	10,395
WA2BOT	7,598
AK6A	7,437
KA6BIM	7,366
NA4DA	7,258
N3AAA	6,916
KJ4QHL	6,523
W7PP	6,315
W8BI (AE8AT, op)	6,112

James, K6OK, took the lead in the category, with just shy of 600 points between him and second-place Dick, K9OM. Dick made 211 more QSOs, but James scored more distance points to put him in first place. Jeff, WA2BOT, operating at David, K1TTT's station, came in at third place. Jeff also made more Qs than K6OK, this is where the distance points can make a big difference in the total score. The third through fifth place scores were only separated by a mere 232 points!

Single Operator, 1 Radio, Low Power (8 Hour Limited Time)

Single Operator, 1 Radio, Low Power (8 Hour Limited Time)	
K6LL	5,643
WA7BNM	3,129
W2LPL	2,684
K9TI	2,187
W3LL	2,117
K5DNL	2,028
KB1IKC	1,941
NS9I	1,929
K5JAZ	1,918
W4EE	1,796

In the Single Operator, 1 Radio, 8-Hour Limited time category, David, K6LL, took the lead over Bruce, WA7BNM, by a margin of 2,514 points. While Bruce made more QSOs, David scored more distance points, which put him in the lead. The 105 contacts the K6LL made on 40 meters, a band which Bruce didn't operate on, increased his lead quite healthily. Les, W2LPL, takes third place, trailing Bruce by 445 points. The rest of the Top 10 are only separated by only 391 points!

Single Operator, 1 Radio, QRP

Single Operator, 1 Radio, QRP	
WQ9F	3,429
NØUR	3,126
W4IFI	3,011
K8ZT	2,106
KE1AK	1,899
AG7TH	1,777
WB4OMM	1,462
WE6EZ	1,145
W5WGF	1,031
W7JET	1,019

Kevin, WQ9F, took the lead in the Single Operator, 1 Radio, QRP category, scoring 303 points more than second place Jim, NØUR. Trailing Jim by a mere 115 points is Randall, W4IFI, who brought home a third place finish.

Single Operator, 1 Radio, QRP (8 Hour Limited Time)

Single Operator, 1 Radio, QRP (8 Hour Limited Time)	
* = All Enclosed Antennas	
WQ5L	2,069
N4IJ	880
N3KCM	494
W7LG	442
N5DU	348
N8URE *	291
K3HW	256
K4PQC	228
N6JSO	106
KC1DVT *	101

In the Single Operator, 1 Radio, QRP Limited Operating Time category, Ray, WQ5L, took the lead to bring home first place with 226 QSOs. Doug, N4IJ, in second place, and Jason, N3KCM, taking third place. To note, SO1RQRP-8H is the only category where stations operated using the All Indoor Antenna overlay made it into the Top Ten. Congrats to N8URE and KC1DVT!

Single Operator, 2 Radios, Low Power

Single Operator, 2 Radios, Low Power	
K3MM	14,956
W1UE	14,312
N8OO	13,809
NF3R	13,529
KO4YED (WV4P, op)	13,404
AA3B	11,552
KI6DY	10,049
KC8YDS	9,726
KW6S	7,548
WO4O	6,432

There was some really close competition in this category! The top three scores in the Single Operator, 2 Radios, Low Power category are all within 1,500 points of each other. Tyler, K3MM, earned a score of 14,956; Dennis, W1UE, racked up

14,312 points; and third place Vic, N8OO had 13,809 points.

Multioperator, Single Transmitter, Low Power

Single Operator, 2 Radios, Low Power (8 Hour Limited Time)

Single Operator, 2 Radios, Low Power (8 Hour Limited Time)	
K9CT	4,624
N4IQ	2,464
VO1HP	601
N5SMQ	231

There were only 4 W/VE entrants in the SO2RLP category. Craig, K9CT, took the lead, making almost twice as many QSOs over second place Bill, N4IQ. Frank, VO1HP, took home third place, while Garland, N5SMQ, with 231 QSOs, took fourth place.

Single Operator, 2 Radios, QRP

Single Operator, 2 Radios, QRP	
NN7SS (K6UFO, op)	7,102
KC3PIB	2,034

There were 2 W/VE entrants in the SO2RQRP category. Mark, K6UFO, remotely operating the NN7SS station in Washington state, took home first place in the SO2RQRP category, with Chris, KC3PIB taking second place.



Fifteen-year-old Trip Sanders, K5TRP, operated SO1LP, almost reaching his 2,000 point goal. He noted "I'll get it next year."

Multioperator, Single Transmitter, Low Power	
W2ZQ	10,320
N4SVC	9,451
WTØDX	9,308
K6TD	8,957
WØAAE	4,973
N1QD	4,032
WW2G	2,742
NW6P	2,614
AK4NF	2,593
W1FM	1,516

Taking the lead in the Multioperator, Single Transmitter, Low power category is the 7 member W2ZQ team operating the Delaware Valley Radio Association's club station in New Jersey. While second place N4SVC operating from Suwannee Amateur Radio Club's station made 155 more QSOs, W2ZQ bested them in distance points on 20 meters, which put them in the top spot. In third place, Bill, WTØDX, along with Paul, NOØT, trailed N4SVC by a mere 143 points. Again, there was tight competition in this category- the top three scores were separated by less than 300 points.

Multioperator, Single Transmitter, QRP

Multioperator, Single Transmitter QRP	
NA5NN	5,103
NR5ON	488
N7NIX	141

In the Multioperator, Single Transmitter, QRP category, there were only three entrants- all located in the United States. In first place, Glenn, K2FF, and Randy, W5UE, operating using the call sign NA5NN, took a commanding lead of the category making 733 QSOs. In second place, with 130 QSOs, is Ron, N5RON, and Erik, KE5ZBG, who operated at Ron's station. The three operator team at N7NIX, operating only 20 meters from Western Washington, placed third.

All Enclosed Antennas - W/VE

As mentioned earlier in this article, the IDC is the first ARRL sponsored event to feature an All Enclosed Antennas category overlay. Single-operator participants who do not (or for some reason, cannot) have any antennas located outside of a building may select to select this overlay upon the log upload at <http://contest-log-submission.arrl.org>.

Click on any overlay categories that describe your operation:
 All antennas enclosed within a building

In this first year, ARRL staff had noticed a large number of participants erroneously selected the overlay category, and emails were sent out to them asking if they could verify their selections. Many participants had responded that they checked off the box by mistake, or that they misunderstood the question on the log upload form.

After the responses from the emails were received, 30 W/VE participants and 11 DX participants had indicated they had used indoor antennas. The top scorers in each category are listed below.

Single Operator, 1 Radio, Low Power Top Ten- All Enclosed Antennas W/VE		
Call	Score	Division
AB1J	4,989	New England
K9PW	4,248	Central
W9BS	3,591	Southeastern
K6BOS	2,426	Southeastern
WR2JN	1,695	Rocky Mountain
KØGUZ	1,686	Rocky Mountain
K8AKC	1,536	Great Lakes
N3HND	1,293	Atlantic
K3FR	1,256	Roanoke
WØVC	1,131	Dakota

Single Operator, 1 Radio, Low Power Top Ten- All Enclosed Antennas W/VE (8 Hour Limited Time)		
Call	Score	Division
N2GXJ	1,617	Atlantic
K1IO	1,177	New England
W9TD	1,022	Central
KU3RRY	774	Delta

WA9LEY	349	Central
WA2YYL	262	Hudson
K4FTO	236	Roanoke
KB9LHT	69	Southwestern

Single Operator, 1 Radio, QRP Top Ten- All Enclosed Antennas W/VE		
Call	Score	Division
WØKI	260	Rocky Mountain

Single Operator, 1 Radio, QRP Top Ten- All Enclosed Antennas W/VE (8 Hour Limited Time)		
Call	Score	Division
N8URE	291	Atlantic
KC1DVT	101	New England
NØSUW	62	Dakota

SO1RQRP was the only category where participants using all indoor antennas placed in the overall Top Ten. Congrats to N8URE in the Atlantic Division, and to KC1DVT in the New England Division!

Top Ten – DX

Now, let's turn to the DX stations. 520 DX stations submitted logs in the 2023 International Digital Contest.

Single Operator, 1 Radio, Low Power

Single Operator, 1 Radio, Low Power	
ZM4T (ZL3IO, op)	17,529
LU6ETB	16,240
J42A (SV2AEL, op)	14,657
DR1X (DG6YID, op)	11,698
ON6NL	11,678
PA3DUU	10,540
CT2FEY	10,348
DR4W (DL8LE, op)	10,108
VK2EHQ	9,520
DG5LP	9,001

New Zealand's ZM4T, piloted by Holger, ZL3IO, tops the SO1RLP category, with a whopping 367

QSOs totalling 9,731 distance points on 15 meters alone. Arturo, LU6ETB, with 798 QSOs takes second place. Although Arturo made 150 more QSOs than Holger, Holger's 15-meter performance kept him from taking the top spot. Greece's J42A, operated by Savas, SV2AEL, is close behind in third place.

In the SO1RQRP category, Brazilian stations not only had the top three scores, 5 out of the Top Ten scores were from Brazil. Joao, PY2GTA, took a big lead over second place Carlos, PY2CER. Joao logged more than double the amount of QSOs than Carlos. Marcello, PU2MLO, only operating on 10 and 15 meters, took home third place.

Single Operator, 1 Radio, Low Power (8 Hour Limited Time)

Single Operator, 1 Radio, Low Power (8 Hour Limited Time)	
MQ5W (M0HMJ, op)	5,014
KL7TC	4,516
CX3AL	4,389
EA4BAS	3,904
SG5Z	3,745
CT3KN	3,008
CT7AIX	2,536
ZL3GK	2,469
JH7QXJ	2,369
BG7XVX	1,808

In the SO1RLP-8H category, Danius, M0HMJ, utilizing the special callsign MQ5W to commemorate the Platinum Jubilee of Queen Elizabeth II, takes first place. Bill, KL7TC, follows in second place, making 3 QSOs more than Danius. However, Darius' distance points on 40 meters put him in the lead. Uruguay's Leonardo, CX3AL (SK), rounds out the top three. It was a close race in this category, too, with only 625 points separating the top three scores.

Single Operator, 1 Radio, QRP (8 Hour Limited Time)

Single Operator, 1 Radio, QRP (8 Hour Limited Time)	
NH6O	1,368
PU2NBI	1,266
CT1END	870
GQ5JDA	456
PY2IML	444
PU5IKE	428
IZ2ZQP	416
ZV2F (PY2SFA, op)	416
YB6IVW	372
LY2BGP	289

Bob, NH6O, leads the SO1RQRP-8H category, with 111 contacts. Just 102 points behind him is Denis, PU2NBI, with 71 QSOs. Third place goes to José, CT1END. Denis had the most distance points on a single band, scoring 1,101 points with 61 QSOs on 15 Meters.

Single Operator, 1 Radio, QRP

Single Operator, 1 Radio, QRP	
PY2GTA	10,185
PY2CER	4,765
PU2MLO	3,089
F6GAQ	3,060
PU2TWZ	3,041
PY2DN	2,743
PY9DM	2,161
DU4DXT	1,971
DU1UGZ	1,930
PE2K	1,524

Single Operator, 2 Radios, Low Power

Single Operator, 2 Radios, Low Power	
5B4AMM (UT5UDX, op)	16,192
PC2K	10,317
JH4UTP	8,745
NP4TX	5,304
EC3A	4,484
7L4IOU	2,848
YC9LAG	2,097
YB9OBQ	521

In the SO2RLP Category, there were 8 entries from DX stations. Sergey, UT5DX, operating from Cyprus using the call 5B4AMM, took a 5,875 point lead over Klaas, PC2K, to put him in first place. Takayuki, JH4UTP, with 570 QSOs, trails Klaas by 1,572 points.

Single Operator, 2 Radios, Low Power (8 Hour Limited Time)

Single Operator, 2 Radios, Low Power (8 Hour Limited Time)	
VU2IBI	2,271
OM7JG	937

There were only 2 DX entrants who chose to operate in the SO2RLP-8H category. Prakash, VU2IBI, with 124 QSOs and 2,271 points took first place, with Julius, OM7JG, in second place with 71 QSOs totaling 937 points.

Multioperator, Single Transmitter, Low Power	
GB2FRA	11,410
DKØBT	5,898
JL3ZHU	1,044
DK3BH	397
4A2MAX	387

In the Multioperator, Single Transmitter, Low Power category, there were 5 DX stations who participated. The GB2FRA group took first place by a large margin, with 883 contacts totaling 11,410 points. DKØBT, with 520 QSOs, brings home second place. The Japan Contesters' Club, JL3ZHU, with 91 contacts, trails in third place. DK3BH, and 4A2MAX round out the top five.

The next ARRL International Digital Contest will be held on June 3-4, 2023. For full rules and contest details, visit www.arrl.org/arrl-digital-contest

All Enclosed Antennas - DX

9 DX stations in 2 categories indicated that they were using the All Enclosed Antenna overlay.

Single Operator, 1 Radio, Low Power Top Ten- All Enclosed Antennas DX	
Call	Score
ISØHNW	1,332
HC4ER	1,142
SO1RON	301
M0XWN	208
HB9MXY	124
BG5GDP	60

Single Operator, 1 Radio, QRP Top Ten- All Enclosed Antennas DX (8 Hour Limited Time)	
Call	Score
GQ5JDA	456
I2ZQP	416
ZV2F	416

Affiliated Club Competition

Club	Score	Entries
Medium		
Frankford Radio Club	71,001	24
Northern California Contest Club	46,830	18
Yankee Clipper Contest Club	42,295	15
Potomac Valley Radio Club	41,421	16
Florida Contest Group	37,983	18
Society of Midwest Contesters	27,004	19
Arizona Outlaws Contest Club	22,216	9
Grand Mesa Contesters of Colorado	21,046	7
Minnesota Wireless Assn	16,901	12
Texas DX Society	12,926	5
Alabama Contest Group	12,409	5
Mother Lode DX/Contest Club	11,199	5
Contest Club Ontario	10,742	6
Northeast Maryland Amateur Radio Contest Society	10,414	6
Southern California Contest Club	9,651	7
Western Washington DX Club	9,384	6
Tennessee Contest Group	7,873	5
Carolina DX Association	7,500	4

Spokane DX Association	7,382	3
DFW Contest Group	5,787	3
Hudson Valley Contesters and DXers	5,110	4
The Villages Amateur Radio Club	4,940	5
Wayne County Amateur Radio Club	4,355	4
Gloucester Co ARC	3,160	3
Portage County Amateur Radio Service	1,572	3
South East Contest Club	990	3
Local		
Pizza Lovers 259	16,932	4
Silver Springs Radio Club	13,741	3
Providence Radio Association	9,235	3
Piedmont Amateur Radio Club	7,359	5
Boulder Amateur Radio Club	4,611	3
Silver Comet Amateur Radio Society	2,736	4

In the First International Digital Contest, there were no clubs that met the qualifications for the Unlimited category. The majority of the clubs fell into the Medium Club category. The Frankford Radio Club, with 24 Entries, took the lead over Northern California Contest Club, with the Yankee Clipper Contest club bringing up third place.

In the Local Club category, there were 6 clubs that met the categories criteria. Pizza Lovers 259, took home the gavel with 4 entries. With 3 entries apiece, The Silver Springs Radio Club and the Providence Radio Association came in at second and third place.

There's more on the web!

For complete line scores, full contest results articles, photos, downloadable certificates and more, visit the ARRL contest portal at

[CONTESTS.ARRL.ORG](https://www.arrl.org/contests)

Team Competition

A total of 32 teams were registered prior to the start of the event. Of those, 28 met the requirements of having more than 1 log submitted from the team members.

Congrats to Frankford Radio Club Team Asiatic who took the top score with over 31,000 points, followed by Yankee Clipper Contest Club's Team 1 in second place and Mid Florida Group taking home third place. Keep up the great work, it's nice to see all the team activity in this event!

2022 ARRL Digital Contest Team Scores	
FRC Team Astatic	31,214
YCCC Team 1	28,737
Mid Florida Group	23,704
Amsat After Dark	14,806
Very Tasty Donuts Contest Club	14,277
AOCC WRANGLERS	12,888
ACG Bama Regulars	11,570
P.A.R.C.E.	10,431
GMCC Team Mavericks	8,857
FCG FT8	8,044
SMC Central	6,966
SMC East	6,872
The Digital Nutria	5,880
MWA #1	5,322
Nice Air Pilots Association	5,221
SCCC	4,514
NEMARC Digital Masters	4,476
Parker Radio Friends	3,560
Bristol (TN) ARC	3,280
HQ Doods	3,220
GMCC Team Pioneers	2,881
PVRC Colonial Capitol #2	2,835
Redstone Chaos	2,080
West Boise Roustabouts	1,955
Shenandoah Valley Wireless	1,613
Fox Mike Hotel	681
QRP-ME	613
Reddy Milliwatts	117

Golden Logs

Golden logs are logs with over 100 QSOs in them that have no points deducted in the log checking process. There are 16 operators who submitted golden logs this year- congrats to all of them!

4M1W, CT3KN, DU1IVT, DU4DXT, JS6UGC, K8OS, KD9V, KEØL, N3FJP, N8OC, NA4MM, SP5UAF, W1GD, WA4MIT, YB8JEC, YC9LAG

Summary

Thank you to all who participated in the first International Digital Contest. With over 1,400 logs submitted in the first year of the contest, I'd say that it was a success! With any event, the first year has seen a tremendous learning curve, as both participants and the contest sponsors have a learning curve. We look forward to seeing you on their again for the 2023 event, which will be held June 3-4.

Continental Leaders

Continent	Call	Score
Africa		
Single Operator, One Radio Low Power	EA8CNR	2,675
Single Operator, One Radio Low Power, 8 Hours	CT3KN	3,008
Asia		
Single Operator, One Radio Low Power	JM1XCW	8,173
Single Operator, One Radio Low Power, 8 Hours	JH7QXJ	2,369
Single Operator, One Radio QRP	JA1KPF	594
Single Operator, One Radio QRP, 8 Hours	JK1VUZ	84
Single Operator, Two Radios, Low Power	5B4AMM (UT5UDX, op)	16,192
Single Operator, Two Radios, Low Power, 8 Hours	VU2IBI	2,271
Multioperator, Single Transmitter, Low Power	JL3ZHU	1,044
Europe		
Single Operator, One Radio Low Power	J42A (SV2AEL, op)	14,657
Single Operator, One Radio Low Power, 8 Hours	MQ5W (M0HMJ, op)	5,014
Single Operator, One Radio QRP	F6GAQ	3,060
Single Operator, One Radio QRP, 8 Hours	CT1END	870
Single Operator, Two Radios, Low Power	PC2K	10,317
Single Operator, Two Radios, Low Power, 8 Hours	OM7JG	937
Multioperator, Single Transmitter, Low Power	GB2FRA	11,410
North America		
Single Operator, One Radio Low Power	KP2B (WP3A, op)	7,418
Single Operator, One Radio Low Power, 8 Hours	KL7TC	4,516
Single Operator, One Radio QRP	XE2YWB	22
Single Operator, Two Radios, Low Power	NP4TX	5,304
Multioperator, Single Transmitter, Low Power	4A2MAX	387
Oceania		
Single Operator, One Radio Low Power	ZM4T (ZL3IO, op)	17,529
Single Operator, One Radio Low Power, 8 Hours	ZL3GK	2,469
Single Operator, One Radio QRP	DU4DXT	1,971
Single Operator, One Radio QRP, 8 Hours	NH6O	1,368
Single Operator, Two Radios, Low Power	YC9LAG	2,097

South America		
Single Operator, One Radio Low Power	LU6ETB	16,240
Single Operator, One Radio Low Power, 8 Hours	CX3AL	4,389
Single Operator, One Radio QRP	PY2GTA	10,185
Single Operator, One Radio QRP, 8 Hours	PU2NBI	1,266

Division Winners

Single Operator, 1 Radio, Low Power		
Atlantic	N3AAA	6,916
Central	K9OM	10,395
Dakota	WØADL	2,248
Delta	W4IL	4,563
Great Lakes	W8BI (AE8AT, op)	6,112
Hudson	W2YR	4,333
Midwest	WØZA	4,200
New England	WA2BOT	7,598
Northwestern	AK6A	7,437
Pacific	K6OK	10,987
Roanoke	K1WV	4,444
Rocky Mountain	NT7G (NG7M, op)	4,872
Southeastern	NA4DA	7,258
Southwestern	W7PP	6,315
West Gulf	NN5T	4,263
Canada	VE5KS	3,970
Single Operator, 1 Radio, Low Power, 8 Hours		
Atlantic	W3LL	2,117
Central	K9TI	2,187
Dakota	KØCWG	1,455
Delta	K5JAZ	1,918
Great Lakes	N4EL	1,762
Hudson	W2LPL	2,684
Midwest	KB3HF	1,501
New England	N1GB	1,791
Northwestern	WØVQ	1,508
Pacific	NN6NN (W6XK, op)	1,750
Roanoke	AD4TJ	1,382
Rocky Mountain	KB1IKC	1,941
Southeastern	W4EE	1,796
Southwestern	K6LL	5,643
West Gulf	K5DNL	2,028
Canada	VX6WQ (VE6WQ, op)	1,623

Single Operator, 1 Radio, QRP		
Atlantic	N2US	234
Central	WQ9F	3,429
Dakota	NØUR	3,126
Delta	W5WGF	1,031
Hudson	K2FXZ	247
New England	KE1AK	1,899
Northwestern	AG7TH	1,777
Rocky Mountain	W4IFI	3,011
Southeastern	WB4OMM	1,462
Southwestern	W7JET	1,019
West Gulf	WE6EZ	1,145
Canada	VE3OUO	863
Single Operator, 1 Radio, QRP, 8 Hours		
* = All Enclosed Antennas		
Atlantic	N3KCM	494
Dakota	NØSUW *	62
Delta	WQ5L	2,069
New England	KC1DVT *	101
Northwestern	N7CMP	8
Pacific	N6JSO	106
Southeastern	K4PQC	228
Single Operator, 2 Radio, Low Power		
Atlantic	K3MM	14,956
Central	W9AV	4,593
Dakota	NØAT	4,616
Delta	N8OO	13,809
Great Lakes	KI6DY	10,049
Midwest	NØUBL	4,355
New England	W1UE	14,312
Pacific	KW6S	7,548
Southeastern	WO4O	6,432
West Gulf	K5TIA	2,052
Canada	VE3MGY	2,550
Single Operator, 2 Radio, Low Power, 8 Hours		
Central	K9CT	4,624
Roanoke	N4IQ	2,464
Canada	VO1HP	601

Single Operator, 2 Radio, QRP		
Atlantic	KC3PIB	2,034
Northwestern	NN7SS (K6UFO, op)	7,102
Multipoperator, Single Transmitter, Low Power		
Atlantic	W2ZQ	10,320
Central	K9IU	1,074
Dakota	WØAAE	4,973
Delta	KA4J	1,094
Hudson	WW2G	2,742
New England	N1QD	4,032
Northwestern	W7DMR	544
Pacific	K6TD	8,957
Rocky Mountain	WTØDX	9,308
Southeastern	N4SVC	9,451
Southwestern	W7GDK	1,344
Multipoperator, Single Transmitter, QRP		
Delta	NA5NN	5,103
Northwestern	N7NIX	141
Rocky Mountain	NR5ON	488