

Results of the 2019 CQ WPX RTTY Contest

BY ED MUNS, WØYK

One of the best contests, I enjoyed ... E74EB
 Another great RTTY contest even the poor props couldn't stop the fun ... HSØZED
 Super contest, TNX ... IZ2ZQP
 Superrrr contest. Wow ... SN2WOSP
 Great time with my wife sharing time in contest and family! ... XE2N
 I love CQ WPX RTTY Contest ... YBØNDT
 Fantastic contest weekend with CQWW WPX RTTY 2019!
 Thanks to organizers and operators! ... KF4QFJ
 Enjoyed the contest ... ZL2RX
 One of the best contests of the year! ... K9OM
 Another great contest! ... KX4KU
 Always an awesome contest! ... WX6V



EB8AH won Multi-Single Low Power. The team consisted of (from l. to r.) Kari, OH4KA; Jouni, OH8GDU; Jari, OH8WW; and Pekka, EA8AH.

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The 25th installment of the CQ WPX RTTY Contest experienced similar bottom-of-the-cycle propagation as last year. The number of submitted logs was down 7% to 3,099. Another 2,018 calls appeared at least three times in these logs for an overall participation exceeding 5,000 active stations.

Both 15 and 10 meters remained at a 10-year low in activity, same as last year. For example, only nine stations made 10 or more contacts on 10 meters, led by W5PR with 34. The top QSO achiever on 15 meters was CR3DX, followed by eight stations in South America. Table 1 shows percent of QSOs by band, across all logs received for the last 10 years.

Multi-Two station CR3DX achieved the highest QSO total with 5,003, as well as the most 20-meter contacts with 1,791. Single-band 80-meter OL4C made the most 80-meter QSOs with 1,137 and Multi-Multi 9A1A made the most on 40 meters: 1,752. Once again, 9A1A led with the most prefix multipliers at 1,154, though down from prior years' efforts.

New records were set at the World (3) and Continental (11) levels, three times the new records set in 2018 (1 and 4, respectively). Despite poor propagation, it is still possible to set or break a major record:

	World		Continent	
	New	Avail	New	Avail
SO10	0	3	0	18
SO15	0	3	0	18
SO20	1	3	3	18
SO40	0	3	0	18
SO80	0	3	3	18
SOAB	0	3	0	18
MSH	1	1	1	6
MSL	0	1	3	6
M2	1	1	1	6
MM	0	1	0	6
Total	3	22	11	132

First time RTTY test ... DH2WQ
 My first CQWW RTTY Contest ... DG5MLA
 First time in this contest ... G3YCH
 First time entering this contest. Nice to get some DX (DX for me!) ... G6EES
 My first participation in this contest ... HB9TZU
 This contest was first RTTY contest for me ... JH4FUF
 My very first RTTY contest. Lot of fun ... OH2BEN
 It was my first RTTY contest ... SP2WGB
 First RTTY Contest ... KD4LEM

Band	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
80	13%	15%	11%	11%	8%	7%	10%	17%	17%	20%
40	27%	28%	23%	26%	21%	21%	23%	33%	36%	35%
20	36%	35%	27%	28%	22%	21%	25%	36%	41%	41%
15	23%	21%	30%	29%	28%	27%	32%	14%	5%	5%
10	0.5%	1%	9%	6%	21%	25%	11%	0.1%	0.03%	0.05%

Table 1. Band-by-band breakdowns of QSO percentages, 2010-2019.

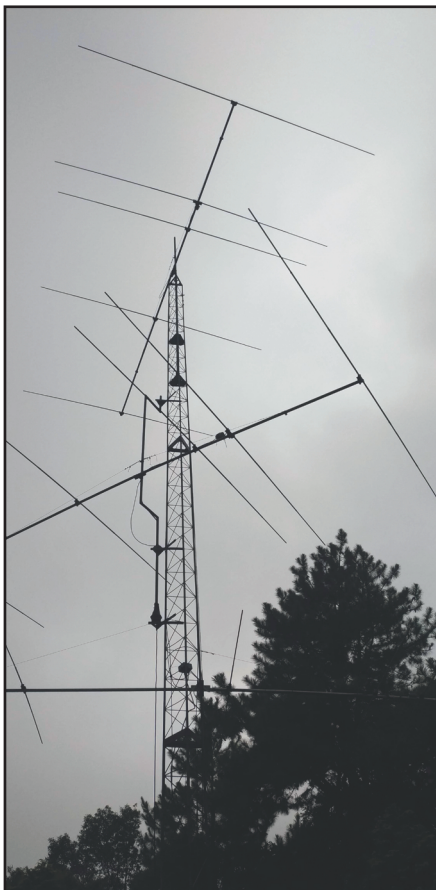
Sulaiman, 7Z1SJ, won 40 meters in the 150-station field, followed by Carlo, I3PXN, and Toomas, ES5RY.

Mohamed, 5C5W (CN8KD), handily won 20 meters for the second year in a row with Simon, MIØM, (MIØSAI) taking second place in this largest single-band category.

Julio, PX2A (PY2XV), won 15 meters over the other next six finishers, also from South America. Next came the top European, Victor, UR5QU.



Julio, PY2XV, won SO 15 meters Low Power as PX2A.



15-meter stack at PX2A.

Takeshi, JF1OVA, won 10 meters with just six QSOs. That just about sums up the high bands.

High Power (980)

Ed, P49X (WØYK), won All-Band, his 11th highest score out of 13 consecutive entries in this contest. Jan, OL9A (OK2ZAW), just squeaked by Kris, SN7Q (SP7GIQ), for second place. Bud, AA3B, topped the North American field for 4th place overall.

Jan, OL4C (OK1NP), took first on 80 meters with Filippo, IQ1RY (IZ1LBG), close behind in the all European entries that comprise the first 16 finishers. Then came George, VE3NZ, who was first in North America.

Nicola, IZ4NIC, won 40 meters after a close second place in 2018. Miha, S53M (S51FB), took second with Dick, K9OM, and Victor, WQ5OO, very close for 3rd and 4th in North America.

Oliver, V37DX (DH8BQA), won 20

2019 CQWW WPX RTTY TOP UNITED STATES SCORES

SINGLE OPERATOR HIGH POWER ALL BAND		QRP ALL BAND		* AA8SW50,800	
AA3B	6,363,225	K2YG	325,125	*KB7AK	16,878
AC0C	4,734,210	WE4M (N2QT)	171,589	*W2XK	9,420
WK1Q (K1MK)	4,091,472	W6QU (W8QZA)	130,529	7 MHz	
N3QE	3,576,573	K2YGM/4	60,248	*KG5THG	108,896
W3FV	2,817,944	K19S	45,408	*K7HKR	20,000
AK1W (K5ZD)	2,650,428	W3IQ/8	37,642	*AD0TZ	1,092
WK7S (K6LL)	2,647,040	KC9NBV	15,808	TRIBANDER/SINGLE ELEMENT HIGH POWER ALL BAND	
WV1K (N1XF)	2,646,340	N6MA/7	10,360	N3QE	3,576,573
K5DU	2,402,848	W1IG	10,200	KO7SS	1,453,998
KZ0US (W7RY)	2,256,961	K1SX	10,146	NR40	1,349,964
28 MHz		14 MHz		W2CDO/3	1,337,628
KZ5MM (W5PR)	1,680	WE6EZ/5	37,960	KI6DY/0	1,317,833
NA4W (K4WI)	1,457	N1VVV	1,178	N5HC	1,252,679
14 MHz		7 MHz		WS6X/4	1,218,150
N2MM	879,660	KH6KG/W5/5 (KH6KG/W5)	107,146	AD5XD	1,120,419
WV2DX	857,760	WD9FTZ/8	60,836	WA7AN (K9DR)	978,147
W9ILY	337,625	W4ER	4,070	AA3S	973,352
AA7V	172,974	MULTI-OPERATOR SINGLE TRANSMITTER (HIGH)		14 MHz	
4U1WB/3 (AJ3M)	123,750	NV9L	5,172,516	W9ILY	337,625
7 MHz		KZ7X (W7WW)	3,347,888	AA7V	172,974
K9OM/4	2,380,644	W4MLB (AF4Z)	1,261,379	W9IL/4	51,471
WQ5OO	2,371,200	WV4P	1,159,368	KI7DG	4,590
WX5S/6 (N6DE)	1,640,640	NX0I	1,053,308	7 MHz	
K8IA/7	1,334,742	KM4OQO	589,157	K9OM/4	2,380,644
K4WWW	498,324	AK9D/0 (KCØVTJ)	557,648	3.5 MHz	
3.5 MHz		K5RZA	532,860	K8YE	26,208
KT4RR (W5MX)	374,550	WU6TT (W6DR)	143,374	LOW POWER ALL BAND	
N6SS/7	373,632	AA4YL	132,273	*W3RGA	854,700
KW7MM	96,600	MULTI-OPERATOR SINGLE TRANSMITTER (LOW)		*NY6DX/2	852,550
NØOK	31,878	*NG1R (W1QK)	842,160	*W4LC	663,995
K8YE	26,208	*KD6TR/7	115,291	*KA2D	519,183
LOW POWER ALL BAND		*ADØLI	115,206	*K3RWN	491,808
*KK9A/4	3,844,440	*KN4DUA (AC6ZM)	93,694	*AB4SF	459,792
*K9NR	1,067,472	MULTI-OPERATOR TWO TRANSMITTER		*WB5TUF	451,400
*KF2O	1,067,392	K9CT (K9WX)	8,789,400	*W4P/JW	422,712
*WW3S	959,104	NCØDX (WØLSD)	4,603,284	*KF4FC	422,196
*AA2MF/4	942,028	KE1S (W1AN)	2,823,680	*K8LS/5	376,567
*W3RGA	854,700	KB8O	2,786,488	14 MHz	
*NY6DX/2	852,550	KT7E (K7ZS)	2,464,020	*KF6RY (W6ZL)	141,705
*W4LC	663,995	KB3VQC	2,291,460	*N2YBB	62,757
*N2HMM	633,204	W7I/O	1,376,845	*N2MUN	55,242
*KA2D	519,183	NX6T (N6NC)	1,101,672	*AB1J	45,675
21 MHz		K5MXG	332,766	*W4RRE	40,800
*W4UAL (K4CWW)	3,354	W4CDA (KG4UQL)	15,045	*N9TF	40,588
14 MHz		MULTI-OPERATOR MULTI-TRANSMITTER		7 MHz	
*KU2M	398,195	NR4M (KS4O)	8,264,608	*KS4AA	413,400
*KF6RY (W6ZL)	141,705	AA5AU/4 (N1MGO)	6,915,392	*WK9U	324,480
*WB2NVR	72,160	NA5NN (K2FF)	3,570,905	*KK8MM	148,104
*N2YBB	62,757	WV6I (N6WM)	2,967,636	*K5IB	106,760
*N2MUN	55,242	KU1CW/7	2,939,696	*WN4AFP	84,940
7 MHz		KA6BIM/7	941,460	3.5 MHz	
*KS4AA	413,400	ROOKIE HIGH POWER ALL BAND		*AB9YC	55,620
*WK9U	324,480	KN4BIT	17,355	*N9SE	37,800
*W2VTV	209,720	LOW POWER ALL BAND		*W9RF (1)	26,040
*KK8MM	148,104	*W9JWC (KD9LSV)	320,597	<i>*Low Power</i>	
*KG5THG	108,896	*AA4LS	286,464		
3.5 MHz		*AJ3C	69,185		
*WB8BZK/9	266,960				
*K2DFC	73,114				
*AB9YC	55,620				
*W9RF (1)	26,040				
*KU7T	11,926				



Multi-Two K9CT won North America and was 4th worldwide (near to far: Jim, N7US; Larry, KT9L; Tim, K9WX).

S51ZJ, S55KZ, S56B, S56DE, S57PM, S59MZ) are virtually tied for 2nd and 3rd place. K9CT (K9WX, AI9T, ND9G, K9CT, KT9L, N7US) was first in North America for 4th place worldwide.

Multi-Multi (15)

World record holder 9A1A (9A5W, 9A9A, 9A6A, 9A7R, 9A7C, 9A8A, 9A3SMS, 9A5PL, 9A5AEU, 9A7ROR) again took top honors as they have

every year since 2012. UB6B (R7AB, R7DA, RA6YDX, R6YP, R7TU, RU7A) and LY2W (LY1FW, LY2FN, LY2MM, LY2NY, LY2PAD, LY2W, LY5O) took the next two places. NR4M (KS4Q, K5OF, NR4M, W4GO, K4GM, K3NC, N4DXS, KA4RRU, K3UI, N3ZV, N3AIU) won North America and AA5AU (N1MGO, AA5AU, WS7I, K3ZV, W4AAW, KT1I, KJ0D, W4TMO @W4AAW) was second in North

America and 6th worldwide using the W4AAW Virginia station all remotely.

Club Competition

DX: The Bavarian Contest Club dominated again this year with 81 logs for first place. Also repeating last year's 2nd place finish was the Ukrainian Contest Club with its 55 entries. Third place was the Slovenia Contest Club with 11 logs.

USA: Fourth place overall and repeat USA winner was the Potomac Valley Radio Club with 59 logs, followed by the Northern California Contest Club with 53 logs and 5th place overall. The Society of Midwest Contesters was close behind with 55 logs.

Closing

A searchable database of the results from every CQ WPX RTTY Contest is available at <www.cqwprrty.com/scores.htm>. The search criteria are very versatile, allowing one to see results and records for virtually any combination of category and geographic area in the world. It's a fine way to "level the playing field" and see how one's operating stacks up against other similar stations.

Log Check Reports (LCRs) can suggest ideas to improve operating accuracy. This valuable information is available upon request to <w0yk@cqwprrty.com>. As well, we now have capability to email each participant a link to his/her personal LCR. You can compare your log check statistics with the averages across all logs in this contest. This year's statistics are very close to last year. This may be due in part to improved log-checking algorithms:

- 1.1% busted (incorrect) received callsign
- 1.5% busted serial number received
- 1.6% NIL (Not In Log)
- 4.2% total error rate
- 9.2% score reduction (with penalties and lost mults, score reduction is higher than raw error rate)

Achieving a zero error rate may mean that too much time is being spent on accuracy. Speed and accuracy are a trade-off for optimal communication.

Certificates are available online for download and printing locally. The link for your certificate is on the far right of your score listing in the Scores Database at <www.cqwprrty.com/scores.htm>.

Sponsoring a plaque is an opportunity to give back and show appreciation for the contest. You can choose an unsponsored plaque in any category, whether listed or not at <www.cqwprrty.com/>

2019 WPX RTTY PLAQUE WINNERS AND DONORS

SINGLE-OPERATOR HIGH POWER

World: Jeff Blaine, AC0C. Won by: **Ed Muns, P49X (op. W0YK)**
USA: Abroham Neal Software by K3NC. Won by: **Bud Trench, AA3B**
USA: 7th Call Area: Hank Lonberg, KR7X (in memory of Bob Wruble, W7GG).
 Won by: **Dave Hachadorian, WK7S (Op. K6LL)**
Europe: FlexRadio Systems. Won by: **Jan Sustr, OL9A (Op. OK2ZAW)**

SINGLE-OPERATOR LOW POWER

World: Mike Sims, K4GMH. Won by: **Andrea Tonci, IK6VXO**
North America: Alabama Contest Group. Won by: **John Bayne, KK9A**
Europe: FlexRadio Systems. Won by: **Gabry Iuliani, IT9RGY/4**
Asia: Doug Faunt, N6TQS. Won by: **Yuri Kotelnikov, RT9S**
Oceania: Doug Faunt, N6TQS. Won by: **Ozkan Ozal, TA7I**

SINGLE-OPERATOR QRP

World: FlexRadio Systems. Won by: **Gendron Gerard, F5BEG**

SINGLE-OPERATOR SINGLE BAND

World 7 MHz: Steve Bookout, NR4M, and the "Goat Farm Gang". Won by: **Nicola Bughignoli, IZ4NIC**
World 14 MHz: Steve "Sid" Caesar, NH7C. Won by: **Olivier Droese, V37DX (Op. DH8BQA)**
World 14 MHz Low Power: Kenny Young, AB4GG. Won by: **Mohamed Kharbouche, 5C5W (Op. CN8KD)**
World 21 MHz: Wray Dudley, AB4SF. Won by: **E. Eugenio De Marino, CV7S (Op. CX7SS)**

MULTI-OPERATOR, SINGLE-TRANSMITTER HIGH POWER

World: FlexRadio Systems. Won by: **S52X (Op. S50XX, S52K, S52X, S55G, S55Y, S56Y, S57AV, S57NA)**
North America: Mike Benjamin, W2GR. Won by: **NV9L (Op. NV9L, K9CS, N9TK, N9LAH, WB9Z)**

MULTI-OPERATOR, MULTI-TWO

World: Steve Bookout, NR4M, and the "Goat Farm Gang". Won by: **CR3DX (Op. CT3BD, CT3DZ, CT3EN, CT3KY, OM2KW, OM3RM, OM7LW)**
North America: Ed Muns, W0YK. Won by: **K9CT (Op. K9WX, AI9T, ND9G, K9CT, KT9L, N7US)**
Europe: FlexRadio Systems. Won by: **DP9A (DG1HWM, DK1DSA, DK4WA, DL5YYM, DL8UAT, DL9NDV, DM5JBN)**

MULTI-OPERATOR, MULTI-TRANSMITTER

World: Steve Bookout, NR4M, and the "Goat Farm Gang". Won by: **9A1A (9A5W, 9A9A, 9A6A, 9A7R, 9A7C, 9A8A, 9A3SMS, 9A5PL, 9A5AEU, 9A7ROR)**
North America: BeLoud.US. Won by: **NR4M, The "Goat Farm Gang" (Op. KS4Q, K5OF, NR4M, W4GO, K4GM, K3NC, N4DXS, KA4RRU, K3UI, N3ZV, N3AIU)**
Europe: FlexRadio Systems. Won by: **UB6B (R7AB, R7DA, RA6YDX, R6YP, R7TU, RU7A)**

CLUB COMPETITION

World: Potomac Valley Radio Club. Won by: **Bavarian Contest Club**
North America: Northern California Contest Club. Won by: **Potomac Valley Radio Club**

plaques.htm>. Contact <w0yk@cqwprrtty.com> to sign up.

A number of volunteers work tirelessly in the background to bring contests to us. Ken, K1EA, and Randy, K5ZD, continue to improve and support the log checking and website software. KM3T, N5KO, and K5TR quietly manage the IT infrastructure behind the log submittal robots, log storage, and log-checking software. The WWROF (World Wide Radio Operators Foundation) provides financial support for the IT services required, among other support for contesting in general. All of us can help with our donations to WWROF, so please consider this way to give back to radiosport. Finally, thanks to Jason, KD2IWM, Managing Editor at *CQ Amateur Radio*, for his supportive editing work on these results.

The 26th CQ WPX RTTY Contest will be held on 8-9 February 2020. I look forward to seeing everyone again then!



The ED9E team was 2nd in Multi-Single Low Power.

2019 WPX RTTY CLUB SCORES

United States			DX		
Club	# Entrants	Score	Club	# Entrants	Score
POTOMAC VALLEY RADIO CLUB.....	59	35,242,211	BAVARIAN CONTEST CLUB.....	81	83,265,012
NORTHERN CALIFORNIA CONTEST CLUB.....	53	31,408,821	UKRAINIAN CONTEST CLUB.....	55	49,640,391
SOCIETY OF MIDWEST CONTESTERS.....	55	30,346,097	SLOVENIA CONTEST CLUB.....	11	35,337,350
FRANKFORD RADIO CLUB.....	29	20,382,544	CROATIAN CONTEST CLUB.....	8	24,019,614
YANKEE CLIPPER CONTEST CLUB.....	26	14,198,369	RHEIN RUHR DX ASSOCIATION.....	59	23,738,163
ARIZONA OUTLAWS CONTEST CLUB.....	24	12,513,511	VYTAUTAS MAGNUS UNIVERSITY RADIO CLUB.....	7	21,478,103
KANSAS CITY CONTEST CLUB.....	5	8,715,899	INTEREST GROUP RTTY.....	12	20,051,285
GEORGIA CONTEST GROUP.....	4	8,491,143	ITALIAN CONTEST CLUB.....	38	19,932,604
WILLAMETTE VALLEY DX CLUB.....	16	8,265,822			
FLORIDA CONTEST GROUP.....	14	8,257,567			
GRAND MESA CONTESTERS OF COLORADO.....	5	4,980,747			
MINNESOTA WIRELESS ASSN.....	22	4,119,693			
CENTRAL TEXAS DX AND CONTEST CLUB.....	7	3,989,121			
TENNESSEE CONTEST GROUP.....	12	3,800,103			
MAD RIVER RADIO CLUB.....	7	3,261,802			
CTRI CONTEST GROUP.....	6	3,252,121			
KENTUCKY CONTEST GROUP.....	9	2,970,545			
DFW CONTEST GROUP.....	9	2,952,873			
CAROLINA DX ASSOCIATION.....	7	2,923,323			
NIAGARA FRONTIER RADIOSPORT.....	8	2,308,865			
SOUTHERN CALIFORNIA CONTEST CLUB.....	17	1,818,148			
ORDER OF BOILED OWLS OF NEW YORK.....	8	1,642,385			
SHENANDOAH VALLEY WIRELESS.....	4	1,271,062			
NORTH COAST CONTESTERS.....	8	1,198,152			
BRISTOL (TN/VA) ARC.....	4	1,087,569			
WESTERN WASHINGTON DX CLUB.....	11	979,503			
SWAMP FOX CONTEST GROUP.....	8	861,780			
METRO DX CLUB.....	4	819,657			
NORTH CAROLINA DX AND CONTEST CLUB.....	3	775,661			
NEW PROVIDENCE ARC.....	3	741,253			
TEXAS DX SOCIETY.....	6	726,556			
SOUTH EAST CONTEST CLUB.....	5	703,051			
THE VILLAGES AMATEUR RADIO CLUB.....	6	624,655			
SPOKANE DX ASSOCIATION.....	7	611,383			
DEEP DIXIE CONTEST CLUB.....	3	574,414			
UTAH DX ASSOCIATION.....	3	409,240			
MISSISSIPPI VALLEY DX/CONTEST CLUB.....	3	337,002			
NE MARYLAND AMATEUR RADIO CONTEST SOCIETY.....	3	278,896			
NORTHEAST WISCONSIN DX ASSN.....	4	181,885			
MERIDEN ARC.....	3	158,008			
ALABAMA CONTEST GROUP.....	4	71,147			
			HA-DX-CLUB.....	7	18,604,897
			CONTEST CLUB ONTARIO.....	24	7,815,059
			LATVIAN CONTEST CLUB.....	12	7,800,369
			RUSSIAN CONTEST CLUB.....	10	6,321,454
			EA CONTEST CLUB.....	17	6,255,352
			BELARUS CONTEST CLUB.....	7	5,081,232
			CONTEST CLUB FINLAND.....	10	4,183,118
			SKY CONTEST CLUB.....	3	4,046,260
			SOUTH URAL CONTEST CLUB.....	4	3,953,599
			ARAUCARIA DX GROUP.....	8	3,719,809
			CHILTERN DX CLUB.....	5	3,693,797
			ARIPA DX TEAM.....	4	3,527,761
			ORCA DX AND CONTEST CLUB.....	10	3,391,461
			CONTEST CLUB SERBIA.....	7	3,337,574
			RUSSIAN DIGITAL RADIO CLUB.....	15	2,940,697
			RIIHIMAEN KOLMOSET.....	3	2,866,862
			LA CONTEST CLUB.....	4	2,734,540
			RTTY CONTESTERS OF JAPAN.....	9	2,708,969
			CONTEST GROUP DU QUEBEC.....	7	2,697,690
			YB LAND DX CLUB.....	42	2,685,038
			KRIVBASS.....	4	2,588,940
			WORLD WIDE YOUNG CONTESTERS.....	5	2,483,560
			TRAC RADIO AMATEUR CLUB TRABZON BRANCH.....	5	2,097,701
			CATALONIA CONTEST CLUB.....	4	1,996,239
			SK5AA VASTERAS RADIOKLUBB.....	3	1,535,765
			SP DX CLUB.....	14	1,474,606
			YO DX CLUB.....	4	1,449,551
			CLIPPERTON DX CLUB.....	3	1,406,136
			CE CONTEST GROUP.....	4	1,292,438
			RIO DX GROUP.....	8	1,290,978
			THRACIAN ROSE CLUB.....	5	1,264,593
			GIPANIS CONTEST GROUP.....	5	1,090,945
			MEDITERRANEO DX CLUB.....	3	1,046,480
			VK CONTEST CLUB.....	3	914,816
			THAILAND DX ASSOCIATION.....	3	755,788
			SPALDING & DISTRICT AMATEUR RADIO SOCIETY.....	4	593,539
			LU CONTEST GROUP.....	7	539,294
			TORBAY ARS.....	4	504,405
			SK6AW HISINGENS RADIOKLUBB.....	4	452,613
			YB6_DXC.....	3	441,445
			SIAM DX GROUP.....	4	417,307
			SINGLE FIGHTER DX GROUP.....	8	330,038
			MARITIME CONTEST CLUB.....	3	315,094
			VU CONTEST GROUP.....	3	283,996
			ARCK.....	5	273,099
			NEWBURY AND DISTRICT ARS.....	5	239,775
			DANISH DX GROUP.....	3	231,576
			NORFOLK AMATEUR RADIO CLUB.....	3	221,697
			599 CONTEST CLUB.....	5	201,729
			CDR GROUP.....	4	152,369
			CHILEAN PACIFIC DX GROUP.....	3	144,452
			RU-QRP CLUB.....	5	134,375
			LA-DX-GROUP.....	3	63,382