

2002 IARU HF World Championship Results

For those of you in the northern hemisphere, how did you spend your summer vacation last year? More specifically, how did you spend the weekend of July 13 and 14?

Were you enjoying outdoor activities? Or were you like the other participants in the 2002 running of the IARU HF World Championship—sitting at your radio(s) making contest QSOs with other competitors all around the world? I hope you were doing the latter!

Whether a seasoned veteran or relative neophyte, this contest has the potential for fun at almost any level. Consider these comments from Janez, S51JM: "This was my first IARU-HF contest. I worked with an FT-840 and ECO multiband vertical antenna. I made 300 QSOs from all over the world. Conditions from my location were a bit frightening with several thunderstorms, including one with hail. I had to disconnect power a few times and had a "rescue operation" for my car during the hailstorm. But as I always say: HAM is fun!"

Franki, ON5ZO, echoed Janez's sentiments when he said, "I've been into CW contesting for 15 months now, and every time I find it more and more fun! This time I participated 20 hours out of 24, and broke my personal QSO-record: 550. Mind you I did it with very limited antennas: an inverted V for 20m and delta loop for 40m. I had a blast working familiar calls and finding OJ-stations. Activity was good and I can't wait for the next one to enter."

Perhaps the enthusiasm for this event is best displayed by then 14-year-old Christopher, KC9AZL (now N9QS). Christopher stated that this was the "first time I ever tried contesting and I made 105 QSOs. I worked 12 new countries and had a lot of fun. I am looking forward to the next contest." (To see more comments from competitors, please visit the ARRL Contest Online Soapbox at www.arrl.org/contests/soapbox.)

Contest Summary

This year's contest resulted in 1682 logs received (not including the WRTC2002 competitors' logs). Fifty of the 90 ITU zones were activated. This isn't



Joel, LX1ER, operating the 20-meter station at LX0HQ.

Expanded Results, Line-Score Printout Available

For complete contest results on-line please visit www.arrl.org/contests/results.

ARRL members without Internet access may obtain a printout of the complete line scores by sending a self-addressed, stamped envelope to ARRL Contest Results, 225 Main St, Newington, CT 06111. Please be sure to include the contest name and year.

bad considering that roughly 30 of the ITU zones are open water and Antarctica. Indeed, the IARU HF World Championship is a blessing to stem our summer contest-withdrawal symptoms.

The HF World Championship contest is sponsored by the International Amateur Radio Union (IARU). The IARU has been the watchdog and spokesman for the international Amateur Radio community since 1925. It is organized into three Regional Organizations that correspond to the three administrative regions of the ITU (International Telecommunication Union). These three regions are further broken down into 90 zones.

While most contesters are familiar with the 40 CQ Zones, the ITU Zones are somewhat lesser known. In addition to there being 90 of them, their boundaries are quite different from the CQ Zones. Table 1 shows the top participation by Zones. The IARU Zone map may be found on-line at www.iaru.org/ituzonesc.gif.

The top participating ITU zone, in terms of the most logs received, was Zone 28 (central and southern Europe). The top

participating country, again in terms of the most logs received, was the US.

Top Scores

From the US and Canadian "good news-bad news" department, the bad news is that only one US station won any of the four categories this year, compared to last year when two US stations won their category.

Top Ten

World Scores

Mixed Mode

UA9AM	2,604,090
RK4FF	2,545,193
UA9CDV	2,281,292
UX0FF	2,260,713
K3ZO	2,154,880
XM3AT	2,100,644
VY2SS	2,079,648
9A5K	2,054,790
LY9A	2,034,672
N2NU	2,011,994

Phone Only

KH6ND	2,257,190
P40B	2,182,664
ZX2B	1,471,977
WB9Z	1,415,460
9Q0AR	1,238,832
UV7D	1,138,500
LU1NDC	1,124,400
K6NA	1,110,604
RX9SR	1,108,898
W7EJ	1,073,995

CW Only

P3F	3,114,887
KL9A	2,603,000
HG0D	2,361,967
YT6A	2,202,034
W1KM	2,091,012
RA9JR	2,069,388
W4AN	1,982,512
K7GM	1,981,738
UT7QF	1,950,210
PJ2E	1,927,464

Multioperator

P3A	4,986,042
RT9W	3,883,200
RF9C	3,167,080
HG6N	2,794,930
CT9M	2,757,652
ZX5J	2,346,994
HG1S	2,343,900
S530	2,082,296
RL3A	2,006,599
RF3A	1,906,320

W/VE Scores

Mixed Mode

K3ZO	2,154,880
XM3AT	2,100,644
VY2SS	2,079,648
N2NU	2,011,994
W9RE	1,969,480
N9AG	1,649,730
N0AV	1,510,515
K4AB	1,294,656
VA3NA	1,178,520
K6XX	967,575

Phone Only

KH6ND	2,257,190
WB9Z	1,415,460
K6NA	1,110,604
W7EJ	1,073,995
VE1JX	1,040,221
WS1A	736,278
W4WTB	563,085
WA4TI	555,744
KI7WX	528,594
N4UH	508,800

CW Only

KL9A	2,603,000
W1KM	2,091,012
W4AN	1,982,512
K7GM	1,981,738
K3CR	1,801,234
KT1V	1,705,848
W1WEF	1,704,880
K5GN	1,656,393
K9NW	1,541,592
W0UA	1,496,560

Multioperator

N0NI	1,423,845
KB1H	1,421,638
W4G	1,421,469
N3ME	1,359,314
N5YA	1,120,482
AA5NT	1,093,750
K9SD	1,009,424
K1TTT	992,333
N09Z	877,096
WC4H	715,260

Headquarters Stations

DA0HQ	18,880,296	NU1AW/4	9,624,420
OI2HQ	16,693,712	HG0HQ	9,344,377
SN0HQ	16,514,800	OE1HXQ	8,698,722
R3HQ	15,914,955	EM0HQ	8,658,950
PA6HQ	13,082,520	YR0HQ	8,501,555
YT0HQ	12,555,062	W1AW/5	7,917,068
LY0HQ	12,204,192	E59A	7,324,348
YL4HQ	11,210,040	T90HQ	6,715,840
EW5HQ	10,530,375	ER7HQ	5,867,077
S50HQ	10,250,408	SK2HQ	5,256,980

The good news, though, is that three more North American stations made it into the Top Ten boxes this year compared to last year—11 this year versus 8 last year. More good news is that 4 of these 11 NA stations in the Top Ten boxes were on the West Coast (or even farther West)—KH6ND in Hawaii (extreme West Coast!), K6NA in California, W7EJ in Oregon, and KL9A in Alaska (another extreme West Coast).

One of the hardest-fought battles in the IARU HF World Championship is the race for top honors among the IARU Headquarters stations. The IARU Headquarters category is a true multi-transmitter category, in that signals may be transmitted simultaneously on all band-modes. When the competition was over, the DAØHQ team ended up on top with a score of 18,880,296. The OI2HQ team made a good run at them with a score of 16,693,712. Rounding out the top three was the team at SNØHQ with 16,514,800. Good job, gentlemen!

Headquarters stations operate under a slightly different set of rules for this contest. Unlike the multi-single category, they operate as true multi-multi stations. Most operate with a station on each band-mode (CW and Phone) during the contest. They are also allowed to operate from more than a single location. They count as only 1-point QSOs in your log, but they also are



Jacobo, P43P, ready to have some fun as P4ØB.



A very tired HB9DTM at 4U1ITU, International Amateur radio club station located at the International Telecommunication Union (ITU) in Geneva.

an additional multiplier per band. This explains why you always seem to find a large pile-up trying to work the HQ multipliers during the contest.

Enthusiasm is always high among the HQ stations, as is the competition. Congratulations to the hundreds of operators who participated from HQ stations. In 2002, a total of 241,393 QSOs were completed with the 46 HQ stations on the air.

Bringing home the World Single Op Mixed Mode trophy this year was Yuri, UA9AM. Second place went to Vlad, RK4FF, only 59 kilo points behind Yuri. Oleg, UA9CDV, took third place.

In World Single Op Phone Only, Mike

piloted KH6ND to the top spot. He had a comfortable margin over the second place finisher, Jacobo, P43P, at P4ØB. Third place went to Wanderley, PY2MNL, at ZX2B.

Bob, 5B4AGN, at P3F claimed top honors in Single Op CW Only while setting a new category record with 3,114,887 points. Chris, KL9A, keyed his way to second place. Laszlo, HAØNAR, at HGØD finished in third place.

In the Multioperator category (identical to the ARRL International DX Contest multi-single category—only one transmitted signal allowed at any given time), the

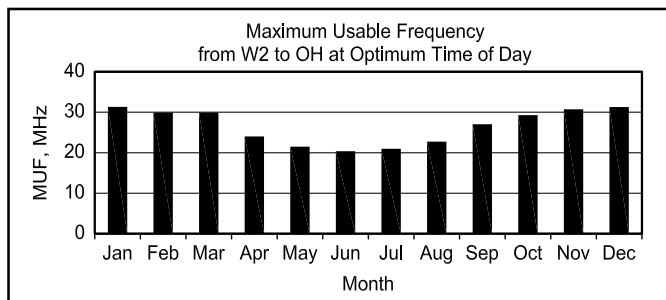


Figure 1—The high band issue.

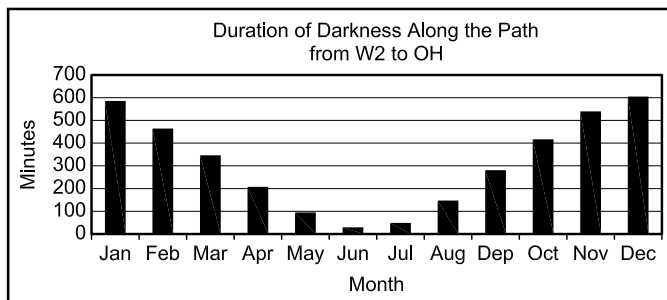


Figure 2—The low band issue.

IARU HF World Radio Championship 2002 at ORARI Lokal Penjaringan—YBØZBC

The members of ORARI Lokal Penjaringan (one of the club stations in Jakarta affiliated with the Indonesian IARU member-society Organisasi Amatir Radio Indonesia) arranged for Amateur Radio friends around Jakarta to conduct what they called an *ORARI Lokal Penjaringan 160 Meter Band Antenna Experiment and IARU HF World Radio Championship 2002*.

With more than 80 guests on the spot, they were able to place all antennas around a field, including a 160 meter Delta loop, 80 meter log periodic, 40 meter Lazy Quad, 20 meter 2 element Delta loop, 15 meter/3 element Delta loop and a 10 meter/3-element beam. The antennas were built by YBØFEX, YBØJAX and YCØLOW. We used the call sign YBØZBC, issued to the ORARI Lokal Penjaringan.

The committee worked hard to make this their best ever entry into the IARU HF World Radio Championship. With a full month of background preparation and a week of field preparation, they seemed happy with the result (well, actually not everybody because propagation on some bands wasn't great).

The operators included YBØAZ, YBØLBK, YBØECT, YBØDPO, JA8VE, YBØGN, YBØLOG, YBØCA, YCØEHN, YCØLOW, YBØJAX, JE1ATW, YCØIEM, YBØQO, YBØAVR, YBØAVK, YBØWWW, YB7YB, YCØLCJ, YBØFEX, YBØSKI, YBØJHH and YBØGCV.

**Table 1
Top Participation by Zones**

Zone	Entries	Zone	Entries
28	433	7	93
8	293	27	84
29	160	18	56
45	118	30	33
6	110	37	26

**Table 2
Top Participation by Country**

Entity	Entries	Entity	Entries
US	489	Czech Republic	41
Germany	214	Canada	40
Japan	118	Brazil	39
Poland	113	Finland	36
European Russia	87	Netherlands	30
Asiatic Russia	61	Sweden	26
Ukraine	49	Romania	25
Italy	44		

Idaho					NA4M	160,347	425	113	A	W0UVC	83,592	217	108	B	WA2BKN	2,562	39	14	B
KW7N	47,084	191	79	B	N5MT	122,850	330	117	A	KA0VXK	11,616	89	48	B	W2EN	615,196	994	166	C
Montana					W5GCX	119,544	287	136	A						WA2VYA	489,708	809	183	C
K7ABV	117,782	359	94	A	W5GAI	78,302	250	94	A	South Dakota					W2CVW	58,504	204	103	C
KD7IIC	23,052	129	51	B	KM5WR	14,168	84	56	A	KC0IOX	15,204	147	42	A					
KC7UP	8,365	76	35	B	K5GN	1,656,393	1809	241	C	Zone 8					Northern New York				
Nevada					K5XR	142,975	390	95	C	W1					NS2P	67,896	280	82	A
WB7QBO	4,800	57	32	B	KA5KLU	88,264	319	88	C	Connecticut					N2JNZ	6,692	101	28	C
K5RC (+packet)					W5AC	45,570	297	49	C	N1ND	198,030	487	138	A	Southern New Jersey				
	95,325	363	75	D	K5GM	12,710	90	41	C	N4XR	1,335	90	3	A	WA2IAU	27,094	159	62	A
Oregon					W5WP (+N5PJY)	166,380	396	141	D	K1JN	54,810	231	70	B	AD3Y	21,228	105	58	A
NC7M	124,321	404	103	A	AD5CA (+KC5YKX)	80,152	277	86	D	W1WEF	1,704,880	2077	211	C	W2RDS	69,420	228	89	B
N7VS	6,562	71	34	A						W1QK	610,944	1239	129	C	N3XOF	50,323	175	79	B
W7EJ	1,073,995	1539	169	B	West Texas					KB1H (+K1EBY, N1XS, NB1U)	1,421,638	1886	193	D	KC2IYE	432	22	8	B
AH8DX/W7	508,508	1219	127	B	N5DO	250,362	541	126	A	Eastern Massachusetts					W2YC	597,552	811	211	C
K7RAT	941,465	1394	185	C	N5NA	136,479	374	97	C	K1VUT	705,960	1237	185	A	WA2VQV	85,344	258	84	C
K4XU	461,363	1010	119	C						K1HT	247,142	522	139	A	Western New York				
N7YW	133,440	401	96	C	W7					N3KCJ	99,640	326	94	A	KM2L	181,794	455	123	A
N6TR	15,759	100	51	C	Montana					K1JE	83,952	280	88	A	W2FUI	62,016	224	102	A
W7GG (+K7ZUM, KC7TWZ)	229,400	635	100	D	K7PGL	60,306	251	69	A	W1TW	70,808	237	106	A	N2MG	52,156	225	68	A
Utah					AA7YA	11,592	91	46	A	WA1NPZ	107,940	299	105	B	W2YSL	24,225	156	51	A
W6RCL/7	11,704	115	38	A	Wyoming					N1ST	24,839	154	59	B	WB2OSM	50,907	212	71	B
W7HS	20,618	98	61	C	WC7S	4,152	63	24	C	W1KM	2,091,012	2209	231	C	N2LQQ	540	22	10	B
W7CT (+packet)	91,504	325	86	D	W9					K5MA	1,465,072	1800	206	C	N2LYX	104,486	335	89	C
Western Washington					Illinois					K1GU	241,776	509	144	C	WA2EYA	30,576	151	56	C
W7QN	102,272	344	94	A	W9FGH	26,412	115	71	B	W1TE	130,062	361	106	C	K2NV	14,105	103	35	C
K7VI	46,305	224	63	A	K9SD (+WB0DRH, K0RAY, KW0A, K0JPL, KA0GGI)	1,009,424	1536	184	D	K1YA	110,496	404	96	C	W3				
N7UK	31,682	161	62	A						NK1L (+AG1C)	348,329	770	131	D	N9GG	12,896	105	52	C
W7SNH	14,300	97	44	A	Wisconsin					KY1B (+KB1PZ, K1TWF, WO1N)	221,459	573	119	D	N3ME (+W3UR, packet)	1,359,314	1464	242	D
W7LKG	220	9	10	A	KB9KEG	41,600	204	80	A	W1ZT (+packet)	157,206	368	114	D	Eastern Pennsylvania				
N7GYD	227,188	968	68	B	W0					N1AU (+packet)	1,620	108	3	D	W2TN	83,200	288	104	A
WG7X	10,248	74	42	B	Colorado									KB3TS	47,386	178	86	A	
N9ADG	260	11	10	B	W0ETT	268,836	598	129	A	Maine					W3AP	24,684	149	51	A
N6HR	337,144	609	148	C	K0UK	92,872	283	104	A	N1LW	98,172	302	101	A	K3ZV	20,592	147	52	A
N7WA	32,477	190	47	C	W0KU	19,565	106	65	A	K1SWG	89,270	245	113	A	N3NR	84,335	263	101	B
NG7Z	13,694	125	41	C	K0GAS	35,624	146	73	B	W1EL	58,683	204	93	B	N3GXY	24,192	138	63	B
W7DRA	13,314	116	42	C	N0UX	5,544	58	33	B	AB1R	47,596	194	73	B	N3GNW	13,650	113	39	B
AC7FA	2,090	37	19	C	AB0MV	266	10	7	B	NY1S	365,560	742	152	C	N3KD	10,557	81	51	B
N7PP (N7DOE, K7ROL, WA7IVO, W7LKG, KD7QBD, W7BUN, NF7Y, W7NTF, ops)	85,344	295	84	D	W0UA	1,496,560	1853	208	C	New Hampshire					AA3B	1,299,690	1697	210	C
Zone 7					AE0Q	19,888	149	44	C	W1AZ	289,068	642	156	A	N3RS	435,414	789	147	C
W4					K0IIN	656	16	16	C	W1DAD	281,325	658	155	A	N3MX	37,164	185	76	C
Southern Florida					KJ0G	320	33	2	C	K3MD	160,885	595	115	A	W3BGN	298,894	579	149	C
AF4MH	7,006	89	31	B	W0TM (+N0KE)	671,646	991	186	D	WS1A	736,278	1295	146	B	W3MX	37,164	185	76	C
W5					Iowa					K1WO	116,051	313	113	B	WT3P	14,760	99	60	C
Arkansas					N0AV	1,510,515	1946	201	A	KT1V	1,705,848	2050	204	C	Maryland-DC				
WA5VBE	45,676	192	76	A	W0ETC	101,543	293	107	B	WC1M	1,440,644	1901	194	C	K3ZO	2,154,880	2343	224	A
KD5QZB	1,848	31	22	B	KB0ENE	48,544	176	82	B	WE1USA	683,584	1183	176	C	K1EFI	108,871	282	103	A
KM5G	475,558	859	142	C	W0PPF	13,440	141	30	B	W1END	39,931	188	73	C	K3TW	31,382	150	71	A
Louisiana					N0NI (+W00V, W0FLS, K0KD, N0AC)	1,423,845	1895	199	D	AE1T	39,798	179	67	C	AE3M	10,530	85	30	A
W5WMU	981,894	1443	186	C	Kansas					KG1V	16,176	129	48	C	W3FQE	4,544	56	32	A
KZ5D	764,487	1218	173	C	WB0YJT	35,035	155	65	A	WB1ADR (+KA1ARB)	310,305	778	137	D	N3HBX	389,556	999	108	B
Mississippi					W0RT	29,220	139	60	A	KE1KD (+N1NVW)	94,095	254	123	D	N3CAL	70,606	253	86	B
KE5K	123,984	297	112	B	K0BJ	8,704	76	34	A	Vermont					K3VY	52,900	184	92	B
KJ5RC	14,280	118	30	B	N0YYO	104,895	302	105	B	KK1L	497,408	1259	134	B	N3FNE	11,360	99	40	B
AC5SU	35,478	174	73	C	W0UY	217,216	508	128	C	N1BCL	172,256	460	112	B	KF3BN	3,380	42	26	B
New Mexico					KG0UA	38,376	152	72	C	N1YWB	49,104	264	66	B	K2PLF	604,728	1087	148	C
W6TER (+KE5BL, K5HAB, AC5ZO)	536,476	1170	142	D	K0RH (+N0NB, W0NXS)	663,192	1243	151	D	K2LE	999,304	1341	184	C	W3MC	363,528	756	132	C
North Texas					W0NA (+W0ZAP, AE9B, ABOX, N0SZE, KD4CHM, KB0VVT, K0VBU, KC0DLM, KF0RS)	38,412	211	66	D	K1IB	51,060	228	74	C	N4GG	144,316	359	109	C
W5FO	839,898	1307	174	A	Minnesota					Western Massachusetts					W3CP	79,976	221	104	C
KN5L	93,248	316	94	A	KT0R (K0AD, op)	379,850	736	142	A	W1TO	4,325	57	25	C	K3IXD (+packet)	12,360	81	60	D
N5TY	55,300	255	70	A	K4IU	278,973	640	139	A	K1TTT (+W1TO, W3SM, NU1P)	992,333	1271	211	D	Western Pennsylvania				
N3JI	3,770	56	26	B	WA0VBW	129,234	310	119	A	W2					N3GJ	105,616	285	92	A
W5RYA	178,980	479	114	C	K0OB	42,942	223	51	A	Eastern New York					WN3VAW	56,525	194	95	A
W5EIJ	21,008	110	52	C	W0CHH	3,168	58	22	B	WA2JQK	59,755	194	95	B	AD8J	50,876	207	79	A
N5YA (+AD5Q, OH7WV, N5KR)	1,120,482	1486	198	D	W0HW	161,124	396	116	C	N2LH	50,765	272	65	B	AA3II	1,620	39	27	A
AA5NT (+NW5X, N1CC, N3BOU, N5EE)	1,093,750	1700	175	D	K0AD (+packet)	73,050	310	75	D	K2ONP	201,978	643	98	C	W4ZE	155,364	442	121	B
KC5FU (N5QQ, W5WW, ops)	430,164	1081	108	D	Missouri					W2XL	34,043	168	59	C	WB0IWG	72	6	3	B
W5GN (+packet)	114,579	336	87	D	K0OU	200,634	494	119	A	NA2M	25,137	144	63	C	K3CR	1,801,234	1895	241	C
Oklahoma					KU1CW	197,657	601	101	A	NYC-Long Island					WO3Z	216,544	478		

OH/W6YA	337,584	758	156	C	England					DJ5IR	296,514	608	171	A	DL2ANM	92,686	261	121	C
OH2CI	324,666	769	153	C	G3XTT	789,192	1055	226	A	DJ2BC	266,220	539	170	A	DL3KWR	76,812	238	111	C
OH9XX	314,030	691	155	C	G0/N9LYE	47,600	204	85	A	DL1ARJ	194,532	486	156	A	DA0MF	74,295	405	65	C
OH2FS	245,000	483	200	C	G0MRH	41,748	199	84	A	DL4AKW	181,970	401	155	A	DJ3PP	68,056	241	94	C
OH2VZ	184,340	429	130	C	G4BJM	6,034	135	14	A	DJ9AO	174,116	512	116	A	DL7VAF	65,888	206	116	C
OH2NN	172,672	390	152	C	G4OBK	660	55	4	A	DJ5WJ	141,955	364	145	A	DL5SVB	64,592	228	88	C
OH/UA9XC	61,473	241	93	C	G3VAO	464,968	699	184	B	DL5XL	125,476	378	127	A	DL3OBE	46,312	285	56	C
OH3HTR	1,650	33	22	C	G0WJN	81,620	258	110	B	DL3YEI	124,740	365	132	A	DK9BW	45,030	148	114	C
OH6MBQ	80	8	8	C	M0GEB	20,040	155	40	B	DJ9MH	102,608	360	106	A	DL8DXL	36,188	154	83	C
					G4GOY	18,258	123	51	B	DL4SZB	86,632	221	182	A	DJ3JD	20,648	112	58	C
Denmark					M0SDX	1,794,035	2173	223	C	DJ4MH	82,283	298	107	A	DF9ZP	20,022	148	47	C
OZ4RT	59,360	208	106	A	G4OGB	242,550	529	150	C	DL3JPN	75,816	315	81	A	DL9GMC	9,240	74	35	C
OZ5EV	150,450	294	177	B	G3VQO	72,720	273	90	C	DK7AN	72,409	250	103	A	DF5SF	5,887	72	29	C
OZ1ACB	133,096	348	127	B	G0LUKX	52,125	201	75	C	DF1DX	68,356	250	92	A	DL4AAE	5,750	64	25	C
OZ5LH	56,693	180	91	B	G4WFO	30,807	155	63	C	DL4DRA	46,545	184	87	A	DL2KWW	5,456	58	31	C
OZ3ANT	48,067	219	71	B	M4T	11,382	94	42	C	DK9IP	44,308	203	106	A	DF3IAL	3,926	66	26	C
OZ8KV	21,634	135	58	B	G4VGO	3,100	59	25	C	DL2RSS	42,966	202	77	A	DL3BZZ	2,550	38	30	C
OZ0RS	134,912	367	124	C	M5ZAP (+M0TTT)					DH5WB	34,200	199	60	A	DL1DQY	1,166	29	22	C
OZ4FR	29,876	136	77	C		1,767,336	2184	211	D	DL7UFR	33,672	163	92	A	DF0RU (DL1AXL, DL7UFP, DH2UHF, DK3WW, DL7UBA, DL7UTM, DL7BY ops)	1,023,830	1367	215	D
					M4R (G4AXX, G4KNO, G4EAG, G0CCKP, ops)	1,214,456	1424	236	D	DL9ABM	30,820	198	67	A	DF7BL (+DJ9CN, DK6BW, DF5BM, DG8BR)	698,280	961	230	D
Sweden					M2Z (G0VHS, M5RHC, ops)					DL2RTJ	27,166	156	47	A	DL0VV (DL5CC, DL6KWN, DL9GFB, ops)	614,086	929	206	D
SK3W	380,152	726	164	A		398,112	940	132	D	DM3HTZ	26,250	135	70	A	DL8SCG (+DL5SEJ)	325,193	610	187	D
SM6WQB	218,001	501	147	A	M4U (G0DVJ, G4WHK, M0NIQ, M0CGE, G4FTF, G7HOW, 2E1XJR, ops)	345,960	706	155	D	DL6UAM	24,920	152	56	A	DL0HA (DF2DS, DK1DX, DJ2DX, DH5DAM, DL1KW +LOGGERS)	263,007	558	153	D
SM6XKB	68,295	261	87	A	G3TXF (+packet)	225,745	514	151	D	DJ8NU	24,367	150	59	A	DK0MN (DL8NY, DJ7MGQ, DK3YD, ops)	233,483	541	149	D
SM4DHF	55,414	240	103	A	G0CWC (G4JSR, M0BUB, M1TAP, M0TCR, G1SFX, M0CEN, M3TAT, ops)	34,709	180	61	D	DJ4KW	22,338	116	73	A	DJ9RR (+packet)	150,749	407	127	D
SM3X	25,620	185	70	A						DK5AI	20,196	97	66	A	DL0DWE (DK2DQ, DJ5BWD, ops)	141,919	331	139	D
SJ9WL	269,731	727	113	B	Wales					DL6DVU	19,154	144	61	A	DN1CUR (DL2JUR, DE2ROB, ops)	31,330	205	65	D
SM3LIV	268,025	542	151	B	MW5EPA	243,024	626	122	B	DF2TZ	18,304	109	64	A	DL0SOP (DL1SWT, DL4Z, ops)	21,904	129	74	D
SM7CCY	229,264	442	161	B	GW7X	870,870	1329	182	C	DF5ZV	15,043	114	49	A					
SM7AIL	35,972	155	92	B						DL2YFB	13,038	98	53	A					
SM6AHU	23,506	141	43	B	Luxembourg					DL1EV	11,550	78	70	A					
SM7PAF	8,955	72	45	B	LX7I	857,660	1181	190	B	DL7UDA	7,600	79	38	A					
SK7MQ/7	170	10	5	B	LX1NO	160,425	592	75	C	DK7ZT/P	1,995	51	19	A					
SK0TM	4	2	2	B						DL2VFK	1,352	34	13	A					
7S5Q	284,340	635	140	C	Belgium					DL0GVM	864	26	18	A					
8S0F	269,568	628	144	C	ON7RN	72,633	274	93	A	DF5AU	684	25	12	A					
SM6BSK	158,775	355	145	C	ON4ADZ	75,646	216	109	B	DL8NY	455	26	7	A					
SM6CRM	137,886	325	134	C	ON5ZO	231,346	539	131	C	DL2FDD	247	15	13	A					
7S3J	134,895	335	115	C	ON4XG	179,292	391	134	C	DL9JON	147	13	7	A					
SK6HD	107,448	296	132	C	ON6TJ	77,717	251	109	C	DK0ZN	66	11	6	A					
SM7BJW	100,298	302	97	C	ON7CC	67,830	236	102	C	DL6UD	24	6	4	A					
SM7EH	80,385	254	115	C	ON6CW	37,650	215	50	C	DF7YU	519,480	814	185	B	Hungary				
SM5RE	61,697	231	103	C	ON4KVA	6,916	69	38	C	DL1ZPN	122,248	315	118	B	HG5Z	868,560	1334	235	A
SM4SX	44,042	199	61	C	ON5JD	1,880	36	20	C	DL1PT	101,816	294	104	B	HG5G	325,480	628	158	A
SK0HS/5 (+SM5ARL, SM0MPV)	234,384	455	152	D	ON4UBA (+ON500, ON6QR, ON7LX, ON7TK)	884,439	1457	183	D	DL7AYM	92,820	329	91	B	HA4FB	140,784	382	112	B
SM5U (SM5UGC, SM5UZA, ops)	134,244	342	113	D	OT2A (ON4CHO, ON4CMT, ops)	226,548	890	63	D	DL7AOS	210,925	502	143	B	HA9MDP	15,366	110	39	B
										DL6KAC	157,560	413	104	B	HG0D	2,361,967	2195	317	C
Zone 19					Netherlands					DF1ZN	122,248	315	118	B	HG9M	866,112	1424	208	C
European Russia					PA0MIR	550,152	797	216	A	DL1P	101,816	294	104	B	HA3LI	467,694	911	162	C
RK1NA	129,150	343	123	C	PA0JNH	226,118	436	167	A	DL7YU	519,480	814	185	B	HA8TI	202,125	407	147	C
RK1NWA (UA1NAZ, UA1NFA, ops)	47,996	304	52	D	PA2ALF	95,584	304	103	A	DH5AO	87,465	276	105	B	HA4YG	41,118	179	66	C
					PA0LSK	57,590	261	64	A	DL1DUO	85,144	244	116	B	HA8YU	14,469	114	39	C
					PA0ADP	49,167	195	81	A	DL9ZWG	81,535	250	115	B	HA8UH	9,537	88	33	C
					PA5TT	38,554	168	74	A	DL8SDC	76,895	264	91	B	HG6N (HA2RX, HA2NA, HA6DX, HA6NF, HA6NL, HA6NY, HA6PX, HA6ON, HA9PP, ops)	2,794,930	2721	277	D
					PA3EY	16,059	90	53	A	DL3OR	71,297	257	83	B	HG1S (HA1TJ, HA1DAE, HA1DAC, HA1DAI, ops)	2,343,900	2456	260	D
					PA3EL	9,240	94	42	A	DH2PL	68,804	235	103	B					
					PA0FEI	4,929	54	53	A	DL2YCA	66,810	227	102	B					
					PA3FGJ	159,960	392	129	B	DH9SB	55,029	202	83	B	Switzerland				
					PA0KHS	145,541	364	131	B	DJ0LZ	42,400	288	53	B	HB9QA	21,508	107	76	A
					PA3EXS	21,216	126	51	B	DL2VB	42,160	190	80	B	HB9DCM	392,656	630	184	C
					PA3CDN	14,396	114	59	B	DJ4DN	32,336	150	94	B	HB9ARF	344,084	718	169	C
					PA3GSL	12,100	75	18	B	DL3BQA	23,937	112	79	B	HB9DOT	170,984	474	134	C
					PA3GGW	10,500	85	50	B	DL1OI	21,000	108	84	B	HB9CZF	83,394	327	82	C
					PA0LRK	4,785	55	33	B	DL1ADS	19,282	122	62	B	HB9IAL	70,176	257	96	C
					PA1GS	3,740	43	34	B	DK0IA	18,142	106	47	B	HB9HQX	4,633	53	41	C
					PB2BN	1,116	35	36	B	DH0GDS	11,275	107	41	B	HB9/HA3XYL (HA3GJ, HA3GQ, HA3FRE, HA3TLE, ops)	113,544	332	114	D
					PA3AAV	569,313	900	183	C	DL7JAN	7,320	75	40	B					
					PA3BFH	367,696	602	196	C	DL3KDC	7,296	77	48	B	Italy				
					PA0RRS	76,860	254	90	C	DL8SDI	4,000	22	2	B	I3MLU	1,836,896	1880	274	A
					PA3HBI	68,244	231	121	C	DJ1AD	3,135	45	33	B	IU3A	421,938	752	198	A
					PA3AFF	19,832	106	74	C	DL1FMG	1,676	46	12	B	IR2V	292,422	616	163	A
					PA3HGF	17,600	108	55	C	DL7LZ	1,242	29	18	B	I1NVU	32,620	157	70	A
					PA3FSC	9,589	93	43	C	DL3APM	25	5	5	B	IK3SCB	8,896	77	32	A
					PI4NOV (+PA3CWL, PA3CUI, PA5LV, PD0JHM, PD0RAA, PD2JVE)	295,974	589	162	D	DL1JHI/P	4	2	2	B	IO4C	793,650	1246	195	B
					PI4NYM (+PA1TON, PA1PAT, PE2GER)	131,125	355	125	D	DK0ALC	1,114,298	1535	214	C	IK8UND	398,112	849	156	B
										DL3YBM	908,412	1223	244	C	IK4ZIF	347,633	645	143	B
					Zone 28					DL1EFD	680,787	1072	201	C					

I3YYY	198	12	9	B	OM6RM	442,677	818	183	C	SQ9AOR	1,972	31	29	B	Moldova				
IK0YVV	737,940	1112	196	C	OM4DN	320,050	583	185	C	SP9MAT	671	22	11	B	ER1QQ	500,196	947	146	B
IK0HBN	299,536	570	193	C	OM1GM	243,756	462	183	C	SP9MAX	510	21	10	B	ER1BF	13,530	99	55	B
I7PXV	206,980	466	131	C	OM7VF	80,325	243	119	C	SQ9NRW/9	273	10	7	B	ER1CW	54,242	255	74	C
I21DFI	74,994	295	87	C	OM3EA	73,130	251	103	C	SQ9AOJ	72	12	6	B	ER3R (ER3DW, ER3DX, ER3HW, ER3OO, ER3ZZ, ops)	856,240	1245	220	D
I6FDJ	71,040	245	111	C	OM7AT	69,637	293	83	C	SP4DEU	486,805	869	167	C					
IK1GNC	61,020	220	90	C	OM7PY	44,826	173	93	C	SP4GFG	339,480	596	180	C					
I2AZ	45,346	195	79	C						SP4ZO	274,386	577	139	C					
IK2NUX	33,250	142	70	C	Netherlands					SP2QG	253,827	606	153	C	Estonia				
IK2WYI	26,350	134	62	C	PA/DL1SBF/P	94,940	304	101	C	SP2DNI	252,396	625	164	C	ES4RD	25,410	164	55	A
IK0HT	21,726	146	51	C						SP9NSV	209,304	505	152	C	ES6PA	15,312	116	66	B
I20AIS	7,287	101	21	C	Slovenia					SN2D	179,816	501	133	C	ES5CX	6,798	70	33	B
IT9BOR	4,840	51	40	C	S57M	1,026,193	1407	217	A	SP3LPR	179,055	359	173	C	ES2U	362,600	705	175	C
IK2NCF	3,968	50	31	C	S55A	998,769	1406	201	A	SP3HC	159,216	380	124	C	ES1TM	137,516	438	124	C
IT9LGW	1,568	36	32	C	S51F	882,108	1196	229	A	SP8BAB	127,800	480	71	C					
IHQGZ	245	7	7	C	S50Q	252,726	881	73	A	SP9DUX	114,000	363	114	C					
IU2R (I2CZQ, IK2BCP, IK2EAD, IK2GSN, IK2SAU, ops)	1,556,462	1911	226	D	S51FB	181,504	692	64	B	SQ9FMU	112,000	328	100	C	Belarus				
IO2L (I2OKW, IK2FIL, ops)	231,744	522	136	D	S57UN	108,960	422	60	B	SP2MKI/2	110,592	316	128	C	EU1CC	145,750	380	125	A
II3L (IV3KAS, IV3IIM, IV3OSW, ops)	93,906	316	111	D	S51JM	81,900	282	84	C	SP3JUN	89,349	307	87	C	EW1GA	143,022	431	121	B
					S53AU	65,040	196	120	C	SP9GKM	79,025	260	109	C	EW1CQ	384,030	729	170	C
					S530 (+S51RJ)					SP2BLM	74,432	333	64	C	EU6AA	94,380	357	110	C
										SP9EMI	64,400	212	115	C	EW3LN	9,984	99	39	C
										SP5GDY	51,510	184	102	C	EW2EG	273	15	13	C
										SP6XP	51,175	200	89	C					
Sardinia					Poland					SP3WYB	36,146	181	62	C	Lithuania				
IS00MH	98,373	306	121	C	SP3GTS	844,883	1117	221	A	SP2UKB	29,150	154	53	C	LY9A	2,034,672	2037	276	A
					SP8ZBX (SP5UAF, op)	712,142	1000	206	A	SP2FAP	26,560	102	80	C	LY2CY	1,788,668	1985	254	A
					SN2E	609,964	973	218	A	SP7EXJ	17,043	97	57	C	LY1DI	75,154	320	106	A
Bulgaria					SP3ASN	340,291	584	173	A	SP6FJ	7,316	59	31	C	LY3CY	149,454	400	138	B
LZ1KSC	191,906	478	121	A	SP8BVN	208,656	476	161	A	SP6RGC	2,240	31	20	C	LY2BET	4,004	53	26	B
LZ4BU	17,228	118	59	A	SP2DX	201,396	413	156	A	SP3AZO	1,430	26	22	C	LY4AA	1,731,474	1813	279	C
LZ1HB	68,817	305	87	B	SP9RCL	171,314	422	143	A	SN8V (+SP8ARY, SP8LBK)				D	LY2MM	526,323	778	213	C
LZ3UA	47,840	349	52	B	SP2KFV	162,032	299	152	A	SO6Y (+SP6AY, SP6CDP)	1,085,217	1393	217	D	LY2TE	330,430	660	173	C
LZ3DB	2,628	34	18	B	SP2MKT	141,624	388	126	A	SP9KRT (+SP9ADU, SQ9FVR, SP9-1753)	414,119	738	199	D	LY2BBF	215,305	589	149	C
LZ1QZ	300,312	696	172	C	SP3OL	136,832	363	128	A	SN800R (+SP9IKF, SP6AXW)	297,616	620	176	D	LY2GW	61,308	269	78	C
LZ7H	154,470	374	114	C	SP9SOU	136,285	427	97	A	SP3PLD (+SP3CB, SP3FLR, SP3HBF)	683,320	1028	220	D	LY1YK (+LY2CO, LY2FY, LY3CI, LY2FU)	1,866,106	1976	271	D
LZ3PZ	78,204	287	84	C	SP5LCC	123,402	379	131	A	SP9KRT (+SP9ADU, SQ9FVR, SP9-1753)	678,150	1015	225	D					
LZ4AE	70,500	241	94	C	SP2PI	105,676	306	116	A	SN800R (+SP9IKF, SP6AXW)	297,616	620	176	D					
LZ2PB	65,736	260	66	C	SP2GCE	75,790	226	106	A	SP8KAF (SP8GVM, SQ8VJ, SQ7GVU, ops)	170	13	10	D	European Russia				
LZ2L (LZ2LDS, op)					SP3DIK	74,448	249	88	A						RK4FF	2,545,193	2459	317	A
	29,064	308	42	C	SP5ICS	71,517	260	93	A						UA2FB	1,700,022	1990	254	A
LZ1EP	22,490	189	44	C	SP6BAA	63,280	260	112	A						RM3C	1,490,225	1749	275	A
LZ1NJ	22,176	104	56	C	SP9MRQ	61,789	232	97	A						RZ6HWA (RZ6FA, op)				
LZ5ZI	4,818	56	33	C	SP7FBQ	39,646	207	86	A							1,048,102	1364	242	A
LZ2FM	262	262	111	C	SQ6GTZ	32,092	117	71	A	Greece					RA3XO	361,981	606	199	A
LZ4UU	99	11	3	C	SP3AMY	31,540	134	83	A	J41YM	98,256	443	89	A	RA6AR	264,960	574	160	A
LZ9W (+LZ1UQ)					SQ9MZ	22,608	138	72	A	SV1DNW	39,010	184	83	A	RW3VZ	215,137	501	169	A
	1,785,120	2348	240	D	SP3MY	14,896	92	38	A	SV1DKL	331,240	669	182	B	RX3RZ	214,462	541	157	A
					SP1EK	12,500	95	50	A	SV1JA	106,896	253	136	C	RX3DBG	134,992	350	143	A
Austria					SP4GHL	10,915	61	59	A						RA3DNC	114,513	303	123	A
OE1ZKC	47,880	228	70	A	SP3TD	10,792	93	71	A					RZ4AG	98,365	329	103	A	
					SQ9DXN	10,692	102	54	A	Romania					UA6JD	75,492	316	81	A
Czech Republic					SP5DDJ	5,650	197	10	A	YR8A	84,966	313	102	A	RV3YR	65,520	311	72	A
OL5Y	1,591,392	1693	264	A	SP6DHH	4,350	58	25	A	YR9FYP	63,246	296	83	A	UA3QU	53,760	201	105	A
OL8R	1,476,444	1748	244	A	SP8SW	1,659	33	21	A	YO6MT	56,282	226	107	A	UA3XGM	49,335	268	65	A
OK1DSZ	582,473	935	199	A	SN1A (SP1EG, op)					YO4PAT	52,972	294	82	A	RW3XZ	36,938	266	46	A
OK1RR	473,298	931	191	A		1,248	99	27	A	YO2NAA	52,128	191	96	A	RA3NZ	29,946	146	69	A
OK2QX	307,470	582	185	A	SP6AXW	1,190	19	17	A	YO8RWW	4,293	81	53	A	RN3AQ	18,684	137	54	A
OK1KZ	131,786	346	131	A	SQ6ADB	1,178	26	19	A	YO5OHZ	141,960	389	140	B	UA1ANA	15,470	100	65	A
OK1HGM	73,034	283	106	A	SP3HUU	690	23	15	A	YO5OEF	107,379	299	123	B	RW3DY	8,160	79	34	A
OK1AVY	61,470	225	90	A	SP6AEG	590	29	10	A	YO3FLQ	40,404	204	78	B	RN4LP	998,750	1440	235	B
OK2ABU	50,196	259	94	A	SP8AQA	572	16	13	A	YO5CRQ	9,625	97	35	B	UA3QJJ	265,650	555	165	B
OK1DVK	44,940	178	84	A	SP3GRQ	168	13	6	A	YO9KPJ	8,942	99	34	B	UA4LCH	147,254	646	61	B
OK2SWD	37,743	181	69	A	SP5UAF/8	136	14	8	A	YO8CRU	8,910	77	45	B	UA4NC	128,140	335	149	B
OK1DXD	17,111	88	71	A	SP5ZCC/8	105	13	7	A	YO9OC	289,170	616	162	C	RW6LA	121,080	347	120	B
OK6A	176,280	498	113	B	SP8TK	90	7	6	A	YO8BPY	49,322	188	91	C	UA1CKC	112,791	335	123	B
OK1CYC	63,414	261	78	B	SP8ARY	72	12	6	A	YO2IS	39,432	222	53	C	UA3LHL	89,052	273	123	B
OK1CAZ	1,782	37	18	B	SQ8BGJ	72	12	6	A	YO8RKQ	35,026	203	83	C	RN3FS	62,976	207	96	B
OK2PP	768,982	1051	229	C	SP9NFB	72	12	6	A	YO6ADW	31,476	159	61	C	UA1AFZ	57,715	243	97	B
OK1CZ	740,928	995	227	C	SP8NCF	72	12	6	A	YO2GL	23,335	114	65	C	UA6JAD	39,494	213	62	B
OK1WF	651,327	961	199	C	SP8GXA	72	12	6	A	YO3III	22,701	124	69	C	RA3DGH	32,571	169	77	B
OK1DRU	573,870	897	185	C	SP3AXR	72	12	6	A	YO4UQ	14,214	125	46	C	RA3THN	25,772	142	54	B
OL4M	531,648	844	208	C	SP8GWO	72	12	6	A	YO8KAE (+YO8BIG)					RK3DNX	17,024	119	56	B
OK1FPS	489,636	815	203	C	SP3VAU	72	12	6	A						UA4LDP	6,795	68	45	B
OK1AOV	444,543	673	209	C	SP3JIA	66	11	6	A	YO9KVV (YO9FNR, YO9GJY, ops)	215,307	524	141	D	RA6AFB	3,726	60	23	B
OK1HX	439,419	721	213	C	SP2FMN	32	8	4	A	YR4R (YO4RIU, YO4RDN, ops)	203,154	408	147	D	RA1QDP	3,164	51	28	B
OK1FCA	253,002	567	149	C	SP2KGU	21	7	3	A						RZ4LA	270	11	10	B
OK2BND	206,006	439	166	C	3Z7Z	985,072	1532	176	B						RA4LBE	189	9	9	B
OK1MKI	203,060	440	142	C	SP9LJD	800,584	1163	184	B	Yugoslavia					RI4M	32	4	4	B
OK2PDT	164,458	425	119	C	3Z6V	287,9													

UA1CEC	103,833	415	83	C	European Russia	CT9N (CT3BD, CT3DL, CT3EE, CT3EN, CT3HK, CT3IA, CT3IQ, CT3KU,ops)	7M4GTU	100,016	261	112	A				
RU3XB	81,510	265	114	C	RF4R	1,677,027	2005	267	A	JH0NVX/1	96,960	252	101	A	
RX3AGQ	78,900	250	100	C	RW4WZ	111,792	383	102	A	JA1BUI	92,872	244	104	A	
UA3MDX	66,682	170	24	C	RK4WWA (+UA4WA, RW4WA, RN4WA, RU4WW, UA4WI, RU4WT, UA4WKK)	1,173,744	1633	247	D	JA1JQY	72,540	198	90	A	
RV4AQ	59,985	252	93	C						JO3JYE	69,793	259	71	A	
RW6CW	42,133	181	91	C	Asiatic Russia	UA9AM	2,604,090	2012	305	A	J11HFJ	68,800	197	100	A
UA6NZ	40,350	198	75	C	UA9CDV	2,281,292	2136	247	A	EA8ABT	79,128	473	36	B	
UA4HY	38,927	186	83	C	UA9FM	612,190	976	145	A	EC8AQQ	21,944	182	26	B	
UA6LP	20,230	100	70	C	RA9AC	562,880	863	160	A	EA8AD	15,059	89	37	B	
UA9QCP/3	10,428	118	33	C	UA9CDC	476,952	815	136	A	EA8/OE2LCM	110,550	373	67	C	
UA4ARL	7,364	97	28	C	RA9WW	307,248	562	148	A	Zone 37					
RA1TV	5,625	88	25	C	RW9TA	234,531	566	99	A	Algeria	7X0DX	21,518	159	29	A
RA3VR	432	24	12	C	RK9CYA	155,672	385	116	A	Morocco	5C8A	770,658	1395	118	B
RL3A (RA9CO/3, RV3BA, RW3FO, RX3DCX, UA3ASZ, ops)	2,006,599	2478	217	D	RU9BB	150,144	331	128	A	Portugal	CT1CJJ	716,866	1001	227	A
RF3A (RK3FM, RK3FT, RW3XX, RA3ATX, RU3DGD, ops)	1,906,320	2084	282	D	UA9CGL	117,840	292	120	A						
RK4FWX (RA4FW, RK4FD, RK4FW, RW4FO, RW4FZ, RZ4FA, UA4FEQ, ops)	1,667,742	2079	239	D	UA9CID	10,354	96	31	A						
RK3EWA (+RA3EA)	1,510,600	1768	260	D	RX9SR	1,108,898	1254	206	B						
RW3WWW (+RA3WJ, RK3WB, UA3WHS)	653,208	1033	204	D	RA9AU	45,812	214	52	B						
RU6LWT (+RU6MM, R6L-551)	630,654	1208	178	D	RZ9AWK	520,242	694	186	C						
RK3RWA RA3RK UA3RAX UA3RA	227,610	540	162	D	UA9AX	231,000	467	125	C						
RZ3ZZZ	202,272	494	112	D	RW9QA	213,750	430	125	C						
					RA9SG	162,750	495	75	C						
					RK9AY	141,868	314	116	C						
					UA9FGJ	136,800	340	100	C						
					RZ9XC	104,728	261	104	C						
					UA9QFF	66,000	262	66	C						
					RV9CLF	30,705	128	69	C						
					RV9COI	27,376	131	59	C						
					RT9W (RU9WX, RX9WR, RW9WA, RV9WB, RW9WW, RA9WDX, RW9WY, RA9WR, ops)	3,883,200	3002	300	D						
					RF9C (RA9CMO, UA9CDC, UA9CIR, ops)	3,167,080	2614	280	D						
					RK9CZO (+RA9CKQ, RV9CTD, RX9CAZ, ops)	1,890,268	1803	244	D						
					Kazakhstan										
					UN7OP	49,820	238	47	B						
					UN7LT (+UN7LF)	1,489,140	1897	180	D						
					Australia										
					VK4DMP	35,397	135	69	B						
					VK4II	10,120	70	44	B						
					Zone 31										
					Kyrgyzstan										
					EX8O	1,185,405	1479	195	A						
					EX2M	209,100	631	75	A						
					Asiatic Russia										
					RZ9OU	1,029,312	1303	192	A						
					UA9HR	82,574	484	41	A						
					UA9HN	45,864	172	78	A						
					RK9YWD	261,450	488	150	B						
					UA9ORQ	9,425	83	29	B						
					RW9OW	1,685,250	1805	214	C						
					UA9OA	368,562	583	159	C						
					RW9HZZ (+RZ9HG, RZ9IR)	1,320,972	1489	212	D						
					Kazakhstan										
					UN6G	65,705	205	85	C						
					Zone 32										
					Asiatic Russia										
					UA0ACG	656,604	1133	138	A						
					UA0ANW	236,094	541	109	A						
					RA0ALM	49,840	173	89	A						
					RA0AM	18,278	98	74	A						
					UA0APV	26,530	109	70	B						
					RW0AR	8,424	65	39	B						
					RA0AA	168,966	469	81	C						
					UA0AGI	147,852	294	148	C						
					RW0AJ	79,001	329	59	C						
					UA0AZ	38,995	179	55	C						
					Zone 33										
					Asiatic Russia										
					UA0JQ	677,250	1108	150	C						
					RW0UM	170,235	387	117	C						
					UA0DC	93,280	263	106	C						
					Zone 34										
					Asiatic Russia										
					RS0F	921,369	1208	197	A						
					RU0LL	413,540	867	124	C						
					Zone 36										
					Swaziland										
					3DA0CF	80,799	282	69	B						
					Madeira Islands										
					CT3KN	619,220	976	140	C						
					Latvia										
					YL0A	1,958,340	2130	257	A						
					YL2MF	19,188	91	78	B						
					YL1ZJ	5,852	79	28	B						
					YL2EC	7,473	67	47	C						
					YL1XN (YL3DL, YL2HB, ops)	118,728	364	136	D						
					Zone 30										
					Kyrgyzstan										
					EX8AA	216,885	594	95	B						
					Canary Islands										
					EA8BVX	313,242	817	83	B						
					EC8ABT	79,128	473	36	B						
					EC8AQQ	21,944	182	26	B						
					EA8AD	15,059	89	37	B						
					EA8/OE2LCM	110,550	373	67	C						
					Zone 37										
					Algeria										
					7X0DX	21,518	159	29	A						
					Morocco										
					5C8A	770,658	1395	118	B						
					Portugal										
					CT1CJJ	716,866	1001	227	A						
					Spain										
					EA7CWA	95,280	262	120	B						
					EA4EJP	86,250	365	69	B						
					EA1BIM	85,836	292	92	B						
					EA3NP	83,694	319	87	B						
					EA4EMC	70,658	210	98	B						
					EA3EYD	36,140	167	65	B						
					EA3DJJ	22,528	118	64	B						
					EA3DUR	17,174	81	62	B						
					EA1DDN	15,370	91	53	B						
					EA3ATO	13,440	117	32	B						
					EA7HE	8,240	68	40	B						
					EA3DUZ	2,320	33	16	B						
					EA3FHP	660	18	15	B						
					EA3CJZ	75	7	3	B						
					EA5FV	1,175,043	1748	183	C						
					EA5FID	447,282	829	162	C						
					EA5EOH	98,336	278	112	C						
</															

JA2KCY	1,122	21	17	C
JA7ARW	324	12	9	C
JH6KDY	259	19	7	C
JA1AAT	116	21	12	C
JG5DHX/5	105	5	5	C
JO7EGJ/1	44	5	4	C
JR3NDM	1	1	1	C
JH4NMT (+packet)	174,896	354	136	D
7L4IOU (+packet)	156,021	332	131	D
JA1ZGP (JF3EBO,op)	79,325	226	95	D
Ogasawara				
JD1BIA	2,318	42	19	B
Zone 48				
Kenya				
5Z4IC	161,775	467	75	B
Zone 49				
Thailand				
HS0AC	481,625	933	125	A
HS0/OZ1HET	56,225	251	65	C
Zone 50				
Philippines				
DU1COO	63,612	266	57	A
4D70RG	457,198	845	119	B
DU1DX	55,321	259	49	B
4D70SAN (DU1SAN, op)	2,301	42	13	B
4F2KWT	144,733	333	101	C
DZ70S (DU1EIB, PA3EZZL,ops)	704,925	1293	117	D
DU9DWV (+F9EAQ)	49,852	245	44	D
DX1HQ (DU1SAN, DU1HU,ops)	17,057	111	37	D
Zone 51				
Indonesia				
YC9WZJ	16,120	101	40	B
Zone 52				
Zaire				
9Q0AR	1,238,832	1852	144	B
Zone 53				
Reunion				
FR5FD	163,722	465	78	C
Zone 54				
East Timor				
4W6MM	151,140	573	55	A
West Malaysia				
9M2TO	82,110	468	46	C
Indonesia				
YE2A (YB2LAB, op)	220,515	798	61	A
YB2LSR	54,285	106	105	A
YB2ERL	221,154	425	123	B
YB2KRU	185,032	425	101	B
YB0ZBC (+YB0AZ, YB0LOG, ops)	1,067,130	1677	142	D
Zone 55				
Australia				
VK4EMM	1,203,656	1495	172	C
VK8AV	197,184	325	156	C
Zone 57				
South Africa				
ZS0M (ZS6DTS, op)	168,224	375	112	A
ZS5NK (+ZS5BBO)	624,708	1025	134	D
Zone 59				
Australia				
VK5GN	330,627	588	129	A
VK2CZ	83,142	239	93	B
VK2AR	1,764	29	21	C
Zone 60				
New Zealand				
ZL1TM	421,167	696	141	A
ZL1GO	250,096	506	112	C
ZL2BR	198,968	392	119	C
Zone 61				
W6				
Pacific				
KH6ND	2,257,190	2451	194	B
KH6GMP	110,700	390	60	B
KH6B	736	20	8	C

IARU Headquarters Stations

DA0HQ (DE1DDH, DF3CB, DF8XC, DG0OHD, DG1BDF, DH7WW, DJ7AA, DK1BT, DK4WA, DK7YY, DK8YY, DL1AOB, DL1ASA, DL1AUZ, DL1AWD, DL1AWI, DL1AXI, DL1MFL, DL1MGB, DL1VLD, DL2ARD, DL2NBU, DL2OAP, DL2OE, DL3ABL, DL3APO, DL3DXX, DL3TD, DL4ALB, DL4MCF, DL4MDO, DL4MCF, DL4MM, DL4LQM, DL4YY, DL5ANT, DL5AOL, DL5AWI, DL5AWI, DL5AXX, DL5LYM, DL5XU, DL5YY, DL6MHW, DL6RAI, DL7VOA, DL7ZZ, DL8AKA, DL8AKI, DL8ALU, DL8AUA, DL8DYL, DL8WAA, DL9AWI, IV3IYH)	18,880,296	18443	424
OI2HQ (OH6LI, UA3AB, W2GD, K1CC, OH3ES, DU2QV, OH9MM, OH1UM, G4VXE, OH5LF, UX1UA, G4JVG, N2NC, P43E, OH6MMC, K1EA, N6TV, OH6QU, S56A, OH6BG, OH8VJ, K9GX, SP9-3760-KA, ops)	16,693,712	12135	398
SN0HQ (+SP2FAX, SP3GEM, SP3KEY, SP4EEZ, SP5GRM, SP6IXF, SP6YQA, SP7GIQ, SP8BRQ)	16,514,800	13804	424
R3HQ (RA1ACJ, RN1AM, RU1AA, UA1AKC, UA1ANX, UA1ARX, UA6AF, RX6AM, UA6AHF, RN6BY, UA6CW, UA3QDX, RU3OM, RW3QNZ, RN3QO, RA6CO, RA6CM, RU6CQ, RN6BN, RN6AL, RA6AU, RA4LW, RU4HP, RN6AA, UA6LV, RU6LA, RX6LG, ops)	15,914,955	11695	413
PA6HQ (ON9CC, PA7BT, PA3GCV, PA4WM, PE9DX, PA0CLN, PA7MM, PA1XA, PA0ZH, PA0MBD, PA7UL, PA3AAM, PA5ET, PA3CAL, PA3QA, PA5AT, PA3EWP, PA3BWD, PA7FM, JK3GAD, PA3EPD, PA3BAG, PA4LA, PA3BSQ, PB0AIU, PA3FDO, PA8AD, ops)	13,082,520	10230	374
YT0HQ (4N7DW, 4N7TW, 4N7ZZ, YT1HA, YT1RA, YT1WA, YT7WA, YU1AU, YU1DX, YU1IG, YU1JW, YU1KK, YU1KX, YU1NW, YU1RA, YU1UA, YU7AC, YU7AR, YU7AV, YU7BJ, YU7CM, YU7FN, YU7GO, YU7GW, YU7HI, YU7JX, YU7KC, YU7KW, YU7NW, YU7YG, YZ1AU, YZ7AA, YZ7DX, ops)	12,555,062	10109	403
LY0HQ (LY1CX, LY1FF, LY1FW, LY2BIL, LY2BM, LY2BW, LY2GV, LY2HM, LY2IJ, LY2MW, LY2OX, LY2PAJ, LY3BE, LY3CW, ops)	12,204,192	9594	361
YL4HQ (YL2PJ, YL2NK, YL2LY, YL2AG, YL2KO, YL2RR, ops)	11,210,040	9253	360
EW5HQ (EU1UN, EU1PA, EW1SK, EU1AZ, EU3AR, EW3CW, EU1FC, EU1SA, EW6WF, EW8WA, EW4WJ, ops)	10,530,375	8590	375
S50HQ (S51FB, S51MM, S51UE, S51ZO, S52CW, S52EZ, S52QM, S52ZW, S53F, S53XX, S55HH, S57AD, S57CQ, S57DX, S57IO, S57J, S57KM, S57L, S57KM, S57NRO, S57XX, S58M, S58MU, S58B, ops)	10,250,408	8581	392
NU1AW/4 (K1SE, K4EU, K4JA, K4KJL, K4KML, K4WMA, K4ZW, KF4QQY, K7MX, K7SV, N4DWK, N4EHJ, N4ZJ, N4ZR, W3BP, W4HJ, W4MYA, W4TNX, WA4PGM, WK4Y, WU4G, ops)	9,624,420	8232	351
HG0HQ (HA3UU, HA3N, HA5IW, HA5KDO, HA6FO, HA6IAB, HA6IAM, HA6IGU, HA6HV, HA6VR, HA6ZB, HA6ZQ, HA7MW, HA4XD, HA5LN, HA5YLN, HA3MY, HA3NU, HA3PW, HA1DRR, HA1XU, HA1ZN, HA1ZZ, HA3LN, HA3JU, HA1RS, HA1XY, HA1ZE, HA5LV, HA5MA, HA5MO, HA5OG, HA5WE, HA8RH, HA8VK, HA8ZO, HA1VQ, HA1WD, HA1YA)	9,344,377	8600	371
OE1XHQ (OE5KE, OE1WWA, OE3FKS, OE3MWS, OE3REC, OE3WLB, OE5CWL, OE5OHO, OE1BKW, OE1DSA, OE1JNB, OE1TKW, OE2GEN, OE2WPO, OE1EMS, OE1SZW, T94UY, OE5CWL, OE5OHO, OE8KDK, OE8SKQ, OE1BKW, OE1DSA, OE1JNB, OE1WWA, OE3FKS, OE3MWS, OE3REC, OE3WLB)	8,698,722	7955	366
EM0HQ (UT2UB, US7MM, UT5EU, ops)	8,658,950	8316	334
YR0HQ (YO2BEH, YO2CMI, YO3APJ, YO3CD, YO3CDN, YO3FF, YO3FRI, YO3GDA, YO3GJC, YO3GOD, YO3GRE, YO3HOT, YO3JOS, YO3ND, YO4AIP, YO4ATW, YO4HW, YO4NF, YO5BBO, YO5BLA, YO5OHO, YO5TE, YO6AWR, YO6BHN, YO6GCW, YO6MZ, YO8CQQ, YO8DDP, YO8RAW, YO8SS, YO8WF, YO9WF, YO9GZU, YO9HP, YO9IGI, ops)	8,501,555	8119	367
W1AW/5 (K5NA, K5DU, K1SDR, N5ZC, K5YA, K2UR, K65U, VU2SWS, K5TR, K5NZ, N5TR, W5JEN, WMSR, N5CQ, N2LA, W5GAI, N5TW, AF5Z, N5IW, W5TA, N5DUW, W5RQ, WS4G, W5TD, EA4AHD, NX5M, N5XJ, N5JA, KB5ZFO, W5PF, KE4NT, N5OLS, N5XT, UA00FF, W5KFT, K5PI, N5AW, KE5C, K5TSQ, W5VX, W5WC, ops)	7,917,068	10068	284
ES9A (ES1AJ, ES1OX, ES2DJ, ES2EZ, ES2RJ, ES5MG, ES5QX, ES5RAH, ES5RN, ES5RW, ES5RY, ops)	7,324,348	6606	323
T90HQ (T94OM, T95A, ops)	6,715,840	7139	310
ER7HQ (ER1BF, ER1FF, ER1DA, ER1OM, ER1LW, ER4DX, ER5AA, ER5AL, ER5WU, ER5OK, UT7ND, ops)	5,867,077	5834	307
SK2HQ (SM2LIY, SM2EZT, SM2DMU, SM2SYV, SM2PSJ, ops)	5,256,980	5072	310
IU2HQ (I2MQP, IK2HKT, IK2CIO, IK2RZP, I2IFT, IK2XSL, IK2XRW, IK2AHB, IK2WZV, IK2SOB, IK2SND, ops)	4,027,848	5137	292
LX0HQ (LX1AQ, LX1ER, LX1KQ, LX1RQ, DK2OY, DL5JS, DL5KUT)	3,806,676	4104	279
P41HQ (KE9I, AJ9C, N9LAH, ops)	2,856,112	3128	196
EI0HQ (EI2JD, EI3JE, EI4BZ, EI5DI, EI8GS, EI9IB, EI9HQ, ops)	2,545,075	3873	205
OA4O (OA4EI, OA4AHW, OA4BHY, OA4DJW, OA4DKC, ops)	2,474,266	2616	206
GB5HQ (GM3WOJ, MM0CCC, ops)	2,448,396	3427	207
LZ0HQ (LZ1PM, LZ2AF, LZ2BE, LZ2DB, LZ2JE, LZ2PL, LZ2TU, , ops)	2,333,785	3159	235
TM0HQ (F6GIN, F6EKD, F8BON, F5TRO, F5LMJ, ops)	2,246,982	3215	197
EA4URE (EA4ALU, EA4AMO, EA4AWJ, EA4BT, EA4EFJ, EA4GW, EA4KG, EC4ABK, EC4AGN, EB4EPJ, ops)	2,198,490	2984	210
8N2JHQ + 8N3JHQ (JA1KSO, JS2HZM, JA7KAC, JS2LGN, JR7ISY, JQ2DMA, JG2TSL, JK2XXK, JH2CMI, JM2FCJ, JF1SQC, JA3HBF, JA3HXJ, JA3NDM, JF3CCN, JF3EIG, JF3PLF, JH3AGV, JH3GXF, JL3JRY, JR3QHQ, JR3WXA, JS3CTQ, JR4ISF, ops)	1,760,848	3269	167
HB9A (HB9CXZ, HB9FBL, HB9DUR, HB9DHG, HB9DOS, HB9DOM, HB9FAQ, HB9DQP, HB9FAE, HB9FBM, HB9BYT, HB9AJM, ops)	1,369,800	2356	180
OZ7EDR (OZ0J, OZ1ETA, OZ1LQH, OZ2KL, ops)	1,315,770	2021	183
VE7RAC (VE7NS, VE7UF, ops)	1,046,862	1763	171
4U1ITU (HB9DTM, op)	882,470	1683	170
BV0IARU (BV3FG, BV4FH, UA3VCS, ops)	765,306	1574	123
9V9HQ (9V1BH, op)	548,730	1183	117
4X4ARC (4Z5MK, 4Z5MU, 4Z5QQ, ops)	492,960	964	120
V51NAM (V51UZ, V51KC, V51SN, V51DR, ops)	368,640	782	96
YM0KA/40 (TA2DS, TA1E, ops)	292,314	827	103
ZW2HQ (PT2/YZ1MB, PT2ZAA, PT2GE, PT2PC, PT2CMN, PP2RON, ops)	260,520	557	120
HP0HQ (HP8AJT, HP1HEW, HP8BYH, ops)	88,695	379	73
VK3WI (VK3DQG, op)	46,452	146	84
ZS6SRL (ZS4B, ZS4MS, ops)	10,959	81	39
VK3ADW	5,445	50	33

