

2001 IARU HF World Championship Results

Back in 1900, no one (other than possibly an H. G. Wells) could have fathomed how the world would communicate by the end of the century. An average person transported with Wells' time machine would probably not have believed the evolution, perhaps better called revolution, of how we communicate. The tethers we know as the telephone and telegraph were still relatively new in those days. Imagine the way they would marvel at the wireless age — from broadcast forms to two-way personal communication. The tethers of wire have given way to an ever-expanding wireless age.

Even the fathers of one form of wireless communication — known as radio — with their great vision and imagination would stand amazed at the ease of global communications today.

Perhaps the 2001 IARU HF World Championships, held July 14-15, were an adequate celebration of our innovation and spirit of adventure, as 2105 logs were received from today's generation of telecommunications pioneers. These logs represented a total of over 1,150,000 contacts made in the brief 24-hour period, by over 3000 reported participants. This represents the largest participation ever in this event. Logs were received from a total of 51 IARU zones worldwide, as well as from 105 entities from the ARRL DXCC listings. Not bad for a contest held in the middle of summer for most participants.

In many years, the overall world champions seem to come from around the globe, but rarely from the US. In 2001, two of the four overall category champions hail from the US and Zone 8, while the other two hail from Zone 39 (Cyprus and Israel). In all, Top Ten finishes globally were posted from an even dozen IARU zones — including zones 4, 7, 8, 11, 15, 18, 27, 28, 29, 30, 38 and 39. And while no new worldwide scoring records

Top Ten World Scores

Mixed Mode	
KQ2M	2,810,088
DL1IAO	2,480,775 (@DL0WW)
VE3EJ	2,293,668
UA2FZ	2,210,085 (@RK2FVA)
YU7BW	2,091,520
WP2Z	1,986,198 (AG8L, op)
M0SDX	1,963,668
YT1AD	1,891,450 (Z3ZM, op)
LY9A	1,880,858
OK2FD	1,877,040
Phone Only	
4X1IM	3,117,435
P40B	2,297,490 (P43P, op)
LY4AA	1,976,538 (@LY7A)
S50A	1,899,412
RM4W	1,816,430 (RW4WR, op)
PY2KC	1,813,385
UT7E	1,496,713
RX3DCX	1,484,126
UA2FB	1,341,482
K5TR	1,340,352
CW Only	
K5ZD	2,367,741
HG0D	2,088,528
K1KI	2,032,668
SU9ZZ	2,023,584
F6BEE	1,892,484
UA9CDV	1,809,159
OH0PM	1,766,656
N4AF	1,728,250
WX0B	1,713,980 (W4PA, op)
UT5UGR	1,657,611
Multioperator	
P3A	5,411,304
HG6N	3,582,917
HG1S	3,124,576
LY7Z	2,989,980
ZW5B	2,878,896
H2G	2,822,889
RT9W	2,776,670
OH1F	2,710,920
RK9CWW	2,512,692
IR2W	2,460,776

Top W/VE Scores

Mixed Mode	
KQ2M	2,810,088
VE3EJ	2,293,668
K3ZO	1,786,756
K4ZW	1,683,000
K3WW	1,647,945
N3BB	1,261,568
N0AV	1,234,992
N4AO	1,214,052 (WC4E, op)
K6LA	869,440
K1VUT	865,449
Phone Only	
K5TR	1,340,352
WB9Z	1,241,175
W7WA	1,224,828
VE1JX	1,068,794
N3HBX	626,750
WS1A	617,686
N4UH	583,478
W0ETC	577,116
N9PQU	485,982
WA4TII	477,567
CW Only	
K5ZD	2,367,741
K1KI	2,032,668
N4AF	1,728,250 (W4PA, op)
WX0B	1,713,980
VA3UZ	1,649,784 (@VE3OI)
KR1G	1,521,728
W1WEF	1,375,136
W6EEN	1,298,276 (N6RT, op)
K9NW	1,289,972 (@K9UWA)
VA3RU	1,269,200
Multioperator	
KH6ND	2,113,350 (@KH7R)
K2UA	1,941,100
W4AN	1,780,038
K8AZ	1,704,480
W4R	1,374,468 (@N4PN)
N3AD	1,142,102
AA5NT	1,128,825
K5NA	1,124,299
W8AV	1,087,728
KB1H	1,076,010

IARU Regional Executive and Administrative Council Members

K1ZZ	2246	220	1,741,520
W6ROD (@W6YX)			
(+N6DE, W6LD, K6ST, N7MH, W7SW, N6EM, KE6ZZS)	1580	176	926,992
PA0LOU	642	141	279,744
PT2HF	248	88	81,928
9V1UV	116	66	26,136
VK3ADW	92	51	18,258
SP5FM	63	24	3,864

were set, good contests were seen in each category.

The winner of the worldwide Single Operator CW Only category was Randy, K5ZD. Operating from his shack in western Massachusetts, Randy's score of 2.37M beat out a strong challenge from Laszlo, HG0D, who posted a 2.1M point score. Third place in the category went to Tom, K1KI, who edged out Jaroslav, SU9ZZ, by less than 10k points. Randy's score established a new record for W/VE stations.

Top honors in the Single Operator Mixed Mode category were garnered by Bob, KQ2M, whose score of 2,810,088 was good enough to set a new W/VE category record, though missing out on the worldwide record. Stefan, DL1IAO, finished in second place while John, VE3EJ, and Igor, UA2FZ, filled out the category leaders.

The worldwide Single Operator Phone Only category winner was Serge, 4X1IM, who easily held off the challenge of Jacobo, P40B, who operated as P40B, by just over 800 kilopoints. Saulius, LY4AA, finished in third place in the category while Tine, S50A, came in a close fourth. The top W/VE entrant in the category worldwide was George, K5TR, who finished in tenth place with 1.34M.

The worldwide Multioperator category was won once again by the operators at P3A, operating from Cyprus. Their score of 5,411,304 easily outdistanced a pair of Hungarian stations—HG6N and HG1S. Finishing fourth in 2001 were the operators at LY7Z. The Top W/VE score was posted by KH6ND, who set a W/VE category record while operating from KH7R, with a score of 2,113,350. K2UA, with WRTC 2002 teammate N5RZ, pulled in second from New York.

You always find an extremely strong competition in this contest among the various IARU Headquarters stations. The HQ stations count as a special multiplier

IARU Headquarters Stations

R3HQ (RA1ACJ, RA1AR, RA1ARJ, RA4LW, RA6AX, RA6CM, RA6CO, RN1AM, RN3QO, RN4LP, RN6BN, RU1AA, RU3OM, RU6LA, RV1AW, RW1AC, RW3QC, RX1AA, UA1AKC, UA1ANA, UA1ARX, UA3QDX, UA4LCQ, UA6LV, ops)	20,559,840	16240	406
DA0HQ (DE1DDH, DF8XC, DG1BDF, DH7WW, DJ7AA, DK1BT, DK3WW, DK4WA, DK7YY, DK8YY, DL1AOB, DL1ASA, DL1AUZ, DL1AWD, DL1AWI, DL1AXI, DL1DTL, DL1VDL, DL2ARD, DL2OAP, DL2OBF, DL2OE, DL2SAX, DL3ABL, DL3ALI, DL2AMC, DL3APO, DL3DXX, DL3TD, DL4ALB, DL4ALI, DL4MM, DL5ANT, DL5AOJ, DL5AOL, DL5AWI, DL5AXX, DL5LYM, DL5XU, DL5YY, DL6MHW, DL6MYL, DL7AU, DL7BY, DL7UBA, DL7UFP, DL7URH, DL7UTM, DL7VOA, DL7VRO, DL7ZZ, DL8AKA, DL8AUA, DL8DYL, DL8WAA, DL9AWI, DL9DRA, ops)	17,170,650	19694	395
YL4HQ (YL3DW, YL2KL, YL2GM, YL2KA, YL2TW, YL2KF, YL2AG, YL2LY, YL2PP, YL3CW, YL3GDJ, RA3CW, RA4HTX, RZ4HF, RZ3BW, YL2DX, YL2PJ, YL2GD, YL2KO, YL2SM, YL2BJ, YL3AD, YL2MD, YL2GQT, YL1ZF, YL2CI, YL3FW, YL2GUI, YL3GQG, YL2UZ, YL2VW, ops)	14,906,880	11788	384
SN0HQ (SP2FAX, SP2FOV, SP2JKC, SP2WKB, SP3BLP, SP3DWO, SP3GEM, SP3HLM, SP3HRN, SP3NGB, SP5WA, SP6AYP, SP6AZT, SP6CZ, SP6HEQ, SP6IXF, SP6RZ, SP7AWG, SP7GIQ, SP7MTF, SP7MTU, SP7NXX, SP7VC, SP8ARY, SP8BRQ, SP8FHK, SP8GQU, SP8GWI, SP8RX(DJ0JIF), SP8LKB, SQ4NR, SQ8BGJ, SP4FCG, ops)	14,847,741	13630	389
OM1HQ (OM1CW, OM1KM, OM2DX, OM2RA, OM3BH, OM3CW, OM3EA, OM3GI, OM3JW, OM3LU, OM3NA, OM3PA, OM3RM, OM3RG, OM3TZQ, OM5DX, OM5NJ, OM5NS, OM5RM, OM5RW, OM5ZW, OM5WW, OM6NM, OM8AU, ops)	13,094,193	11521	367
PA6HQ (DH5HV, DL5JQ, JK3GAD, PA2VST, PA3ALK, PA3BAG, PA3CAL, PA3ELD, PA3EPD, PA3EPN, PA3EWP, PA3EZL, PA3FQA, PA3GCV, PA4LA, PA5ET, PA5AT PA7FM, PA7BT, PA7KG, PB0AIC, PB0AIU, PE9DX, PE9PE, PA0LFE, PA0VHA, PE1ALV, + support)	12,896,216	11044	344
EM0HQ (UR3EA, UR3MP, UR4ES, UR4LRG, UR4LTX, UR4LUG, UR5EAW, ops)	12,798,324	11145	378
OL1HQ (OK1ADM, OK1AU, OK1AWZ, OK1AXB, OK1AY, OK1AYE, OK1CF, OK1CM, OK1DC, OK1DG, OK1DRQ, OK1DUO, OK1DUT, OK1EP, OK1FDR, OK1FFU, OK1FHD, OK1FLM, OK1FUA, OK1FUT, OK1HRA, ops)	12,578,684	11856	361
9A0HQ (9A5K, 9A9A, 9A2AJ, 9A2EU, 9A4WW, 9A5W, 9A2DQ, 9A7R, 9A3GW, 9A8A, 9A3TR, 9A4RX, 9A4PA, 9A7V, 9A2D, 9A9AA, 9A5WA, 9A9R, 9A1AA, 9A2VR, ops)	12,107,259	10944	369
4O0HQ (4N7DW, 4N7ZZ, YT7KF, YT7TY, YT7WA, YU1EA, YU1JW, YU1NW, YU1ZZ, YU7AV, YU7BCL, YU7BJ, YU7CM, YU7GO, YU7GW, YU7JX, YU7KC, YU7KW, YU7NU, YU7WW, YU7YG, YZ1AU, YZ7AA, YZ7UN, ops)	12,071,696	11283	364
SK9HQ (SM3SGP, SM0WKA, SM5AJV, SM0NSJ, SM3OSM, SM0OEK, SM5IMO, SM2DMU, SM2HWG, SM3JLA, SM2LIY, SM2NOG, SM2ODG, SM2SYV, SM2VHD, SM3VMV, SM0KCCO, SM0MXO, SM5HJZ, SM5AQD, SM7EHU, ops)	10,883,060	9280	340
IU4HQ (I4UFH, I4YSS, IK4MHB, IK4UPB, I4LEC, I4LCK, IV3TAN, IV3TMV, I4IKW, IK2NCJ, I4GHW, IK3VIA, IK4WMH, IK4SXJ, ops)	10,856,781	10100	351
YR0HQ (YO2BEH, YO2DFA, YO2LIF, YO3APJ, YO3FLR, YO3FWC, YO3GDA, YO3GJC, YO3GOD, YO3GRE, YO3JJ, YO3JOS, YO3ND, YO4ATW, YO4CIS, YO4FRF, YO4GDP, YO4NF, YO4XF, YO5TE, YO6AWR, YO6FWM, YO7BGA, YO7LBU, YO7LGI, YO7RFH, YO8BPK, YO8CQ, YO8DDP, YO8EB, YO8RAW, YO8SSX, YO9FJW, YO9GZU, YO9HP, YO8IGI, ops)	9,655,275	9990	347
W1AW/6 (K6KM, K2KW, N6BT, N6TV, W6OAT, W6EU, K7NV, WJ6O, W6RJ, A16V, K6XC, KI7WX, W6NL, K6BL, K6AW, K3EST, N6BV, N6RO, ops)	7,588,956	9507	268
S50HQ (S50N, S52QM, S52U, S56A, S57CQ, S57DX, S57IO, S57KM, S57LWG, S57NRO, S57ONW, S57U, S57XX, S58M, S58MU, ops)	7,457,684	7574	346
ER7HQ (ER1BF, ER1FF, ER1DA, ER1LW, ER1OM, ER1QQ, ER3BAH, ER3DX, ER4DX, ER5AA, ER5AL, ER5DX, ER5OK, UT7ND, UR5NMM, ops)	6,782,897	6938	319
T90HQ (T92T, T93R, T93Y, T94DJ, T94GL, T94KU, T94LA, T94LP, T94MZ, T94NO, T94OL, T94QI, T94QM, T94VT, T94W, T94YT, T95A, T95DVD, T95M, T95MEQ, T97C, T97M, T97Y, T99T, T99Z, ops)	6,388,266	7064	309
NU1AW (W2AX, K2LE, K2SX, K2DO, K2SG, N2FF, N2GA, W1RM, W1VE, KM1P, K2VUI, ops)	5,919,341	7342	263
VA3RAC (+VA2RAC, VE4RAC, VE6RAC, VE7RAC, &VO1RAC) (VE3KZ, VE2ZP, VA2ADB, VE3RZ, VE6MAA, VE6JTM, VE6JY, VA7DP, VO1MP, VE4YU, VE4GV, VE4VV, VO1MH, VO1HE, VE4SN, VE6MAA, ops)	5,572,273	4477	329
LZ75A (LZ1NK, LZ1QZ, LZ1UQ, LZ2AF, LZ2AU, LZ2CJ, LZ2DB, LZ2FV, LZ2HM, LZ2JE, LZ2PL, LZ2PS, LZ2WF, LZ3ND, LZ3YY, LZ4UU, ops)	5,127,355	6371	305
LX0HQ (LX1AQ, LX1ER, LX1JH, LX1KQ, LX1RQ, LX1TI, K4ZLE, DL1EFD, DL5KUT, DK2OY, ops)	4,534,728	5177	267
LY0HQ (LY1FW, LY2GV, LY2KM, LY2OX, LY3BE, ops)	3,975,872	4320	296
EI0R (EI2CA, EI4FBB, EI5DI, EI5HD, EI6EW, EI7CD, EI8CE, ops)	2,358,180	3674	220
EA4URE (EA4AHD, EA4AMO, EA4BT, EA4EFJ, EA4GW, EA4JW, EC4AHN, EC4WZ,, EB4AKI, EB4EPJ, ops)	2,340,169	3107	221
OZ7D (OZ0RS, OZ1AA, OZ1ETA, ops)	1,945,230	2809	210
9V9HQ (@9V1YC) (9V1YC, 9V1BH, ops)	1,780,974	2536	177
GB5HQ (G4BUO, G4KIU, ops)	1,551,940	2051	235
HS0AC (HS1CKC, HS0GBI, HS2JFW, HS6NDK, JF6DEA, E21EIC, ops)	1,275,774	1758	186
HG5Z	879,589	1369	229
P41HQ	594,205	1121	115
9Q0AR	196,029	625	69
8J3JHQ (JH3AGV, JH3GXP, JR3QH, JF3CCN, JF3PLF, JL3JRY, JH5JKH/3, 7K21VK/3, ops)	181,454	1164	91
VU2UR	60,060	193	84
SV1SV	54,296	292	88
ZS6SRL (ZS4BS, ZS4MS, ops)	6,993	64	27



Wojciech, SP9HWN, operating as SP9W, piloted his station to the top Single Operator Mixed Mode from Poland.

and are allowed to operate as true multi-multi stations. This makes for large scores, plenty of operators and exciting finishes across the time zones.

Bragging rights for the year 2001 are held by the Soyuz Radiolyubitelei Rossii [SRR], the Russian Amateur Radio Union. Using the call sign R3HQ, their ops finished with an IARU Society HQ station record score of 20,559,840. Former record holder, the Deutscher Amateur-Radio-Club [DARC], using the call DA0HQ, finished a strong second with a score over 17.1M. A tight race was seen between the third place HQ station finisher, YL4HQ, Latvian Radioamatieru Liga [LRAL], whose score of 14,906,880 edged out the 14,847,741 posted by challengers from SN0HQ—the Polski Związek Krotkofalowcow [PZK], Polish Amateur Radio Union. Congratulations to all of the outstanding competitors in each of the categories.

The 2002 IARU HF World Championship will be held the weekend of July 13-14. Concurrent with the championship will be the World Radiosport Team Championship, which will be held in Finland. Look for more information about this exciting event, which is sponsored by the Suomen Radioamatooriiliitto [SRAL]—Finnish Amateur Radio League and Contest Club Finland. Be sure to visit the www.wrtc2002.org Web site. If you aren't one of the modern radio pioneers participating in the WRTC, you can still be a pioneer on your own, by participating in the 2002 IARU HF World Championships. And you won't need help from H. G. Wells along the way. Good luck!

Scores

Scores are listed by ITU Zone, and then by country, ARRL Section, or Canadian Province with the zone. Line Scores indicate call, final score, QSO total, Multiplier total, and entry class (A = Single Operator Mixed Mode, B = Single Operator Phone Only, C = Single Operator CW Only, D = Multioperator Single Transmitter).

Zone	Country/Region	Call	Score	QSO	Multi	Class					
Zone 2	Alberta	VA6MM	69,190	244	85	A					
		VA6RC	27,616	263	32	B					
		VE6BF	164,560	416	110	C					
		VE6YP	46,060	202	70	C					
		VE6LB	18,338	105	53	C					
		VA7QSL	52,960	200	80	A					
		VE7XD	41,607	155	69	B					
		VE7JF	36,865	159	73	B					
		VA7DER	459,515	975	133	C					
		VA7LC	63,119	266	71	C					
VA7GL (+VA7OO, VA7AO)	41,280	227	60	C							
		500,084	1149	118	D						
Zone 3	Manitoba	VE4UG	44,336	138	68	A					
		Zone 4	Quebec	CG2AWR	233,914	671	109	A			
				VE2VE6TC	55,302	239	78	A			
				CG2GWL	37,062	223	58	B			
				VE2OWL	3,744	52	24	B			
				VE2FFE	324	16	6	C			
				Ontario	VE3EJ	2,293,668	2493	234	A		
					VE3MQW	256,284	634	126	A		
					VE3XN	191,761	502	113	A		
					VE3STT	272,664	614	126	B		
VE3BUC	96,612				334	83	B				
VE3HG	7,440	60	31		B						
VE3YQ	5,304	72	17		B						
VA3UZ (@VE3OI)	1,649,784	2022	212		C						
VA3RU	1,269,200	1669	200		C						
VE3JAY	288,256	658	128		C						
VE3KP	223,104	580	112	C							
VE3OSZ	71,840	178	160	C							
VE3WZ	20,088	128	54	C							
VE3MIS (+VE3IMG, VA3UA, VE3XAP, VE3FWA)	504,261	1150	129	D							
Zone 6	East Bay	KE6QR	33,060	192	60	A					
		K6JAT	43,594	181	71	B					
		K6I0Y	6,633	77	33	B					
		AK6DV	2,856	36	28	B					
		K6ZM (K6WG, op)	342,846	741	126	C					
		KK6F	38,532	214	57	C					
		AD6G	3,190	45	22	C					
		Los Angeles	K6LA	869,440	1603	160	A				
			N6ED	612,074	1044	173	A				
			N6TW	159,093	473	99	A				
KJ6T	83,872		378	90	A						
A16Z	81,262		317	82	A						
K6AQL (K0DI, op)	50,545		265	55	A						
K6TV	12,555		99	45	A						
W6AFA	210,300		598	100	B						
W6AQ	120,280		366	97	B						
WB6NFO	47,754		206	63	B						
N6IFR	29,600	188	50	B							
W6OM	36,960	220	56	C							
WA6BOB	17,850	155	42	C							
N6GL	7,776	95	32	C							
K0INT	396	20	9	C							
N6AA (+N6TJ, N6TW, KF6UAY)	559,872	1048	162	D							
Orange	AD6WL	88,653	324	87	B						
	W6TKV	49,715	245	61	B						
	K6ACZ	32,629	132	67	B						
	W6EEN (N6RT, op)	1,298,276	1793	199	C						
	WA6OGO	14,650	101	50	C						
	AC6H	11,795	107	35	C						
	W6KP (DL3OI, DK3WE, ops)	883,344	1440	168	D						
	Santa Barbara	W6TK	346,066	793	133	A					
		WA5VGI	69,888	256	78	A					
		K6PQF	3,300	51	20	B					
KE6DKU		54	6	3	B						
WA6FGV		134,820	480	90	C						
AC6T (+N6VR)		651,716	1035	166	D						
Santa Clara Valley		K6XX	693,165	1205	165	A					
		K6III	86,338	311	98	A					
		W6ISO	83,340	326	90	A					
		K6EP	7,995	76	41	A					
	W0YK	144	14	8	A						
	W6ZZZ	44	5	4	B						
	K8PO	589,820	1061	154	C						
	N6NT	436,494	1002	138	C						
	AD6E	226,665	564	115	C						
	K6AT (K6MJ, op)	61,337	221	83	C						
W6PRI	90	10	5	C							
K6MI	5	1	1	C							
San Diego	K6ZH	158,990	345	130	C						
	AA6EE	11,767	99	41	C						
	San Francisco	K6CTA	90,335	357	89	C					
		WW6D	36,417	183	61	C					
		K6GNN	4,896	46	24	C					
		San Joaquin Valley	KA6BIM	793	25	13	A				
			K6CSL	14,310	114	45	C				
			NN6NN (W6XK, N6EE, ops)	124,362	412	94	D				
			Sacramento Valley	KU6J	134,464	501	88	A			
				K6LRN	22,230	146	57	A			
K6TA				11,284	77	52	A				
W6NKR				11,830	86	35	C				
W7	Arizona			WX7P	58,300	344	55	B			
				W7YS	89,262	301	87	C			
				K7ON	49,896	279	63	C			
		Eastern Washington		KC7WUE	1,083	22	19	B			
				Idaho	KW7N	36,394	187	62	B		
					Montana	KS7T	137,428	449	94	A	
			K7ABV			61,420	279	74	A		
			Oregon			W7BX	96,129	296	99	A	
						K7ZSD	431,319	992	133	B	
						W7ZB	431,112	904	132	B	
WA7ND	198,795					652	87	B			
N7OR	52,540					202	71	C			
W7GG (+K7ZUM)	850,575					1426	165	D			
Utah	WA7LNV	108,090				411	90	A			
	W7HS	27,825		113		75	C				
	Western Washington	W7OM		271,018	666	127	A				
		N6HR		193,675	504	127	A				
		K7BTW	155,584	486	88	A					
		W7QN	95,586	346	89	A					
		W7WA	1,224,828	1657	198	B					
		N7XY	2,106	34	26	B					
		KC7WDL	1,581	39	17	B					
		AC7LX	96,127	311	97	C					
AB7RW		55,848	224	78	C						
N7XY		41,219	249	47	C						
W7EAI	5,725	97	25	C							
W7DRA	44	9	4	C							
K7RI (+N0AX, NW7DZ)	877,128	1527	161	D							
W7KN (+N7BV, N7WA)	380,562	864	119	D							
Zone 7	W5	Arkansas	W5MK	42,735	266	55	A				
			N5DX (@K5GO) (+K5GO, K5LG, K10MB, WJ0JE, N0EHW, KC0EPPD)	687,076	1401	146	D				
			Louisiana	W5WMU	876,484	1519	161	C			
				KZ5D	731,906	1367	161	C			
				Mississippi	WA5OYU	7,046	99	26	B		
					AC5SU	57,117	293	79	C		
					New Mexico	N6ZZ	781,434	1343	174	C	
						W6TER	226,710	628	110	D	
						North Texas	K5ZO	381,248	1146	112	A
							N5DUW	139,356	495	98	A
AA5UN	50,775	241					75	A			
W5LQ	45,276	226					66	A			
W5DGS	12,060	126	36				A				
K5NT	6,588	79	27				A				
N5TY	239,720	733	104	B							
WX0B (W4PA, op)	1,713,980	2220	215	C							
N5PO	429,510	896	139	C							
W5FO	403,742	892	131	C							
N5RG	183,892	422	124	C							
W5RYA	103,062	362	89	C							
AA5NT (+N5MS, W5DFL, N5EE, N5NJ)	1,128,825	1906	173	D							
Oklahoma	K5PX	109,368	592	62	B						
	N5PM	29,238	142	66	B						
	K5NYP	20,664	157	42	B						
	K5YAA	558,158	993	146	C						
	K5KA	216,354	647	107	C						
	K0CIE	98,940	372	85	C						
	AB5FS	324	20	6	C						
	South Texas	N3BB	1,261,568	2184	176	A					
		W5WP	248,262	545	138	A					
		N6NF	109,648	411	88	A					
NA4M		13,034	84	49	A						
KM5WR		7,680	62	40	A						
K5TR		1,340,352	2078	192	B						
WM5R (@N5XU)		362,750	960	125	B						
AD5Q		1,028,928	1595	184	C						
K8EP (@N5XM)		664,581	1458	157	C						
KE5C (@N5TW)		133,102	715	61	C						
N5ZK (W5ASP, op)	129,168	604	72	C							
AC5AA	105,000	350	100	C							
K5KLU	87,482	344	83	C							
K5NA (+AF5Z, K5DU, K5DR, N5ZC)	1,124,299	1949	179	D							
West Texas	WSZO	397,001	1031	121	A						
	KE5OG	63,075	254	75	B						
	WAZZOU	7,112	78	28	B						
	KD5QJM	216	16	8	B						
	N5DO	497,826	951	162	C						
	W7	Montana	KC7UP	8,140	68	37	B				
			W9	Illinois	K9SD	684,170	1551	155	A		
					AA9RT	18,096	155	48	B		
					Wisconsin	KB9S	7,047	106	29	C	
						W0	Colorado	W0TM	701,349	1268	159
K0UK								666	33	9	A
K0MWM								99,093	356	87	B
N2IC								1,238,160	1857	201	C
AZ0C (@N0HF) (+AB0MV)								293,260	751	124	D
Iowa								N0AV	1,234,992	1996	176
	NE0P	121,885						457	95	A	
	WSR0K	68,040	401	60				A			
	W0ETC	577,116	1197	153				B			
	N0RXX	16,416	116	38	B						
	W0PPF	15,640	155	34	B						
	N0NI (+N0AC, K0WVH, W0OV)	840,219	1536	177	D						
	Kansas	K0BJ	179,424	475	112	A					
		W0BR	64,515	340	69	A					
		K0FJ	47,125	238	65	A					
WB0YJT		25,536	154	48	B						
K0CGL		22,983	155	47	B						
W0NXS		64,108	339	62	C						
K0UUA		52,960	181	80	C						
Minnesota		N0AT	591,306	1275	139	A					
		K4IU	9,275	130	35	A					
		K0DI	5,610	99	22	A					
	W0HW	160,179	488	107	C						
	KT0R (+N4BP, N0UR)	469,480	1177	121	D						
	Missouri	WA0SXV	82,908	317	98	A					
		W0DLS	75,654	297	81	B					
		K0DAT	28,096	123	62	B					
		K0GPK	1,444	27	19	B					
		AE9B	82,544	481	77	C					
K2HT		22,185	177	51	C						
WA0IYY		16,100	115	46	C						
WA0OTV		785	56	5	C						
K0OU (+N0XI, K0CELZ)		504,384	1130	148	D						
Nebraska		N0LZ	4,096	40	32	B					
	Zone 8	W1	Connecticut	K0QM	2,810,088	2950	248	A			
				N1MD	39,674	170	83	A			
				N1ND	143,982	405	114	B			
				NA0CX	6	2	1	B			
				K1K1	2,032,668	2078	261	C			
				W1WEF	1,375,136	1905	196	C			
				W1QK	844,760	1663	140	C			
				KB1H (K1EBY, N1XS, ops)	1,076,010	1669	178	D			
				Eastern Massachusetts	K1VUT	865,449	1623	169	A		
K1GU					190,373	500	127	A			
K1NU	67,890	297	93		A						
K1JE	39,438	176	63		A						
W1TW	28										

H89DXC	294,000	618	168	C	OL7C (OK1FKV, OK1AW, ops)	SP8BAB	106,524	454	66	C	LY4AA (@LY7A)					R26CY	465	22	15	A
H89HQX	23,310	152	70	C		SP4Z	105,080	250	142	C		1,976,538	2163	258	B	RK3QW	407	22	11	A
H89EP (H89D0S, H89FBL, H89SUL, H89DQP, H89FBM, H89FBS, H89ODK, H89TII, H89DHG, ops)	363,090	997	133	D	OK1KAO (OK1FMX, OK1MPM, ops)	SP5GDY	104,252	279	134	C	LY3BH	394,020	846	132	B	R6W6W	364	17	11	A
Italy					OK2SWD	22,173	150	57	D	LY3CY	175,223	434	137	B	UA3G3	300	20	15	A	
I3MLU	1,421,064	1806	216	A	Slovakia	OM3KPA	155,608	444	106	A	LY1FW	21,816	118	101	B	UA6LDD	216	21	12	A
I08A	835,002	1408	189	A	OM3CDZ	125,552	452	112	A	LY2BET	7,854	85	42	B	RX6LL	198	18	11	A	
IK6SNQ	788,436	1284	198	A	OM3YK	101,574	287	114	B	LY2CY	1,311,408	1619	252	C	UA4LY	177	11	9	A	
IK2UCK	116,206	431	97	A	OM7YC	6,240	69	32	C	SP5MYF	67,584	167	204	C	RA11WL	185	14	11	A	
IK3SCB	100,332	369	108	A	OM0WR	525,616	1026	133	B	SP7FGA	42,944	206	88	C	RZ6AJU	154	14	11	A	
IO6T	534,006	1127	174	B	OM1GM	384,936	691	172	C	SP3AZO	39,303	142	99	C	RA11WR	135	13	9	A	
IR4B (IK4ALY, op)	513,468	1066	153	B	OM1MI	259,148	641	148	C	SP9NSV	31,443	220	47	C	UA1LEO	91	11	7	A	
I24DPV	488,652	931	172	B	OM1SR	178,950	678	189	A	SQ9FMU	15,834	101	42	C	UA4LWR	77	9	7	A	
IK1RLI	462,150	990	158	B	OM7PY	158,188	370	142	C	SP8FJH	14,410	110	55	C	RA6CE	72	12	6	A	
IC0AB	407,360	827	160	B	OM7VF	31,046	155	86	C	SP6BEN	2,000	32	25	A	RA4LBE	2	2	2	A	
I25CML	299,298	576	166	B	OM3KHU (OM3JS, OM3ATO, OM3K-0001, ops)	SP3GTS	407	17	11	C	SP5ZCC (SP5UAF, SQ5EFL, SQ5EJ, SQ5BPT, ops)	595,010	1082	199	D	RX3DCX	1,484,126	1896	227	B
I20BVU	169,521	475	121	B		SP3PLD	372,141	740	189	D	SP3PLD	372,141	740	189	D	R26HW	821,215	1320	193	B
I25ASZ	131,262	350	131	B	Slovenia	SP9KRT (SP9ADU, SP9EM, SP9-1753, ops)	348,751	633	193	D	SN80D (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	2,210,085	2509	243	A	UA3BL	764,883	1207	213	B
I03L	407,858	407	109	B	SS1TA	1,712,304	2070	253	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	549,720	914	216	A	RN3RQ	691,296	1011	228	B	
IU03G	84,930	272	114	B	SS5R	963,438	1457	203	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	12,285	115	39	A	UA63DU	345,631	765	143	B	
IO7Z	78,624	324	91	B	SS2JK	355,260	755	155	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	3,570	50	30	A	RW3AD	222,270	490	155	B	
IK3OII	46,080	180	90	B	SS9L	170,053	602	103	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	1,341,482	1705	229	B	UA63HL	194,919	506	129	B	
I22ABN	25,986	115	61	B	SS5A	1,899,412	2035	254	B	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	52,285	115	39	A	UA63LH	125,118	298	126	B	
I23CDH	19,312	102	68	B	SS3DX	76,451	297	89	B	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	3,570	50	30	A	UA63DR	104,643	219	99	B	
IK1HSS	18,904	104	68	B	SS9AA	1,548,281	1753	263	C	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	1,341,482	1705	229	B	RJ3AK	97,643	332	99	B	
IK2WZG	12,669	76	41	B	SS5AU	95,550	226	147	C	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	82,164	230	123	C	RK3AIO	63,270	196	95	B	
I23BUJ	9,761	89	43	B	Poland	SP9W	1,193,400	1786	225	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	37,744	210	56	C	RK3ABZ	60,681	195	113	B
IK0XBK	9,200	89	43	B	SP9XCN	795,400	1267	205	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	82,164	230	123	C	UA6JAD	31,464	246	46	B	
IK0YVV	488,136	677	172	C	SP3HUU	491,057	798	203	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	574	17	14	C	RA3NY	29,510	150	65	B	
IO3X	185,335	662	101	C	SN1H	363,690	1096	162	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	1,598,850	2014	255	A	UA45Z	28,575	177	75	B	
I21DFI	98,226	344	107	C	SP2GJV	344,356	678	189	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	1,505,556	1989	234	A	UA3DGH	25,901	149	59	B	
IO6FD	96,822	340	99	C	SP6CJD	334,240	620	160	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	1,044,459	1558	237	A	UA3LBE	21,022	152	54	B	
IK0YUT	66,690	348	65	C	SP2AYC	318,159	757	159	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	863,460	1231	246	A	UA4UAR	4,071	56	23	B	
IK2SAE	55,000	255	88	C	SP5LCC	177,468	489	138	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	783,264	1329	199	A	RV6LA	3,480	75	20	B	
IK2NCF	22,509	138	61	C	SP4IGV	115,584	307	112	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	728,416	1170	206	A	RW4LDA	564	21	12	B	
IR2V	20,540	118	61	C	SP6GJN	89,838	277	126	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	687,140	1066	215	A	UA4LLH	108	6	6	B	
IK2WYI	11,960	94	46	C	SPJCGH	82,503	284	103	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	318,760	520	154	A	RA6HFH	54	7	6	B	
IR2W (IK2QEI, I2VJK, IK2PZG, I2EOW, ops)	2,460,776	2518	268	D	SP7FBQ	74,760	298	94	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	1,598,850	2014	255	A	RX6CO	24	5	6	B	
IT9BLB (+H79VD)	1,260,775	1797	235	D	SP5GCS	73,290	298	105	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	402,160	810	176	A	RZ3AZ	1,247,746	1730	226	C	
IO4T (IK4ROJ, IK4VET, IK4XCL, IK4ZH, ops)	1,095,900	1591	195	D	SP2MKI	46,725	201	89	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	37,744	210	56	C	RU3RQ	1,223,060	1516	244	C	
II1H	996,247	1343	217	D	SP4GFG	43,320	200	114	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	1,598,850	2014	255	A	RN6AL	1,441,448	1692	218	C	
IU2R (IK2BCP, I2CZQ, IK2GZU, ops)	946,189	1280	223	D	SP4KSY	42,394	162	94	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	1,505,556	1989	234	A	RU4HP	1,037,760	1317	235	C	
Sardinia					SP3JUN	37,376	214	73	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	1,505,556	1989	234	A	UA3TU	781,704	1265	216	C	
IS0/OE5JKL	22,448	142	61	B	SQ9DXN	32,850	197	73	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	1,505,556	1989	234	A	RK3AD	735,137	1222	193	C	
IS0CMH	155,740	448	130	C	SP8GNF	27,735	210	43	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	1,505,556	1989	234	A	RN6CF	636,864	1086	192	C	
IS0IGV	106,240	434	90	C	SP3DOF	25,792	139	64	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	1,505,556	1989	234	A	RN3BK	509,949	948	187	C	
IS0SDX	30,442	210	62	C	SP2DKI	22,484	147	69	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	1,505,556	1989	234	A	UA3AMY	470,850	1074	150	C	
Bulgaria					SP3BYZ	19,437	126	57	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	1,505,556	1989	234	A	RU4JM	368,368	715	182	C	
LZ2GS	119,282	341	146	A	SP6OPC	19,038	103	57	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	1,505,556	1989	234	A	RV1CC	347,680	558	185	C	
LZ2JZ	97,232	282	103	A	SP9MCU	17,157	104	57	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	1,505,556	1989	234	A	UA6LAM	155,475	559	75	C	
LZ2AL	56,244	206	109	A	SP8NTW	16,571	103	73	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	1,505,556	1989	234	A	UA4AO	152,600	371	140	C	
LZ1FW	4,550	80	50	A	SP2DNI	15,125	134	55	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	1,505,556	1989	234	A	RX3R	122,322	421	111	C	
LZ1HB	174,930	600	119	B	SP3MY	13,135	103	71	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	1,505,556	1989	234	A	RK8CM	111,278	376	100	C	
LZ1KSN	71,740	348	85	B	SP3BGD	12,090	104	65	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	1,505,556	1989	234	A	RV3PN	99,281	328	91	C	
LZ1NG	71,344	583	52	B	SP1EID	9,448	66	44	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	1,505,556	1989	234	A	RK3BA	94,744	340	104	C	
LZ5PL	54,824	246	89	B	SP2UKB	7,453	73	29	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	1,505,556	1989	234	A	UA3AKI	82,524	300	92	C	
LZ2ZY	15,820	249	28	B	SP1MHV	6,396	63	52	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	1,505,556	1989	234	A	RA3AF	63,833	262	77	C	
LZ5	9,541	99	29	B	SP6AYP	4,176	47	24	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	1,505,556	1989	234	A	RW1ZQ	60,465	259	87	C	
LZ1RAY	7,680	168	24	B	SP8BVN	494	20	13	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	1,505,556	1989	234	A	RA3UAV	47,748	173	92	C	
LZ6C (LZ2TF, op)	276,336	691	144	C	SN2A (SQ2EAK, op)	144	12	12	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	1,505,556	1989	234	A	RA11TV	43,050	209	75	C	
LZ1OJ	120,819	330	103	C	SP6ORR	119	13	7	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	1,505,556	1989	234	A	RX6EG	42,864	265	47	C	
LZ2FM	60,019	220	123	C	SP5PBE (SP5ELA, op)	119	13	7	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	1,505,556	1989	234	A	RX3AP	40,399	210	39	C	
LZ2PB	49,077	281	57	C	SP7PS	84	12	7	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	1,505,556	1989	234	A	UA3QF	20,217	119	69	C	
LZ5ZI	24,150	178	50	C	SP2AE	72	12	6	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	1,505,556	1989	234	A	UA2AA	15,960	116	56	C	
LZ2DL	12,150	273	50	C	SP6AEJ	16	4	4	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	1,505,556	1989	234	A	UA4QK	10,500	114	25	C	
LZ2LDS	4,650	66	25	C	SP8LKV	8	3	4	A	SN93C (SP1RXC, SP1TMA, SQ2DPG, SP3HC, SP6LV, ops)	1,505,556	1989	234	A	RA3LDP	6,697	60</			

