

Number groups after callsigns denote the following: Band, Final Score, QSOs, Zones, Countries, US/VE. An asterisk (\*) indicates low power. Certificate winners are listed in boldface. Scores in Italic are Disqualified.

**2016 RTTY RESULTS  
SINGLE OPERATOR**

**NORTH AMERICA**

**United States, District 1**

K1LZ	A	2,960,208	2633	81	242	165
(OP:K3J0)						
K5ZD/1	*	668,412	825	56	168	100
W1ZK	*	251,082	488	37	129	56
NG1I	*	204,484	563	37	84	97
WA2HIP/1	*	76,388	239	36	81	52
AA10	*	27,552	117	28	57	38
<b>N1XF</b>	<b>7</b>	<b>41,940</b>	<b>210</b>	<b>13</b>	<b>42</b>	<b>35</b>
<b>*KA1C</b>	<b>A</b>	<b>212,188</b>	<b>409</b>	<b>43</b>	<b>125</b>	<b>74</b>
<b>*N1DD</b>	<b>*</b>	<b>121,539</b>	<b>404</b>	<b>50</b>	<b>145</b>	<b>62</b>
<b>*KB1RL</b>	<b>*</b>	<b>133,822</b>	<b>247</b>	<b>42</b>	<b>113</b>	<b>63</b>
<b>*N1HTB</b>	<b>*</b>	<b>84,824</b>	<b>245</b>	<b>36</b>	<b>93</b>	<b>55</b>
<b>*K1XS</b>	<b>*</b>	<b>46,332</b>	<b>165</b>	<b>36</b>	<b>68</b>	<b>52</b>
<b>*KC1ANM</b>	<b>*</b>	<b>40,800</b>	<b>183</b>	<b>30</b>	<b>55</b>	<b>51</b>
<b>*KB1VUN</b>	<b>*</b>	<b>37,386</b>	<b>154</b>	<b>30</b>	<b>44</b>	<b>60</b>
<b>*K1VOI</b>	<b>*</b>	<b>23,782</b>	<b>99</b>	<b>27</b>	<b>57</b>	<b>10</b>
<b>*W1ZFG</b>	<b>*</b>	<b>16,536</b>	<b>89</b>	<b>27</b>	<b>34</b>	<b>45</b>
<b>*KC1DKY</b>	<b>*</b>	<b>14,345</b>	<b>79</b>	<b>25</b>	<b>43</b>	<b>27</b>
<b>*W1MJ</b>	<b>*</b>	<b>4,104</b>	<b>37</b>	<b>17</b>	<b>19</b>	<b>18</b>
<b>*KESISO/1</b>	<b>*</b>	<b>3,920</b>	<b>48</b>	<b>13</b>	<b>19</b>	<b>24</b>
<b>*WA1N</b>	<b>*</b>	<b>3,626</b>	<b>37</b>	<b>9</b>	<b>22</b>	<b>6</b>
<b>*K1JJ</b>	<b>*</b>	<b>2,021</b>	<b>38</b>	<b>9</b>	<b>12</b>	<b>22</b>
<b>K1SD</b>	<b>AA</b>	<b>870,653</b>	<b>929</b>	<b>75</b>	<b>235</b>	<b>117</b>
<b>*KB1W</b>	<b>*</b>	<b>589,941</b>	<b>790</b>	<b>52</b>	<b>166</b>	<b>85</b>
<b>*N1DF</b>	<b>*</b>	<b>539,828</b>	<b>726</b>	<b>55</b>	<b>182</b>	<b>109</b>
<b>N1MD</b>	<b>*</b>	<b>386,568</b>	<b>659</b>	<b>40</b>	<b>127</b>	<b>67</b>
<b>K3U/1</b>	<b>*</b>	<b>148,938</b>	<b>290</b>	<b>48</b>	<b>106</b>	<b>52</b>
<b>NF10</b>	<b>*</b>	<b>118,503</b>	<b>249</b>	<b>44</b>	<b>110</b>	<b>55</b>
<b>WA1DR0</b>	<b>*</b>	<b>89,936</b>	<b>210</b>	<b>40</b>	<b>99</b>	<b>37</b>
<b>AE1T</b>	<b>*</b>	<b>59,082</b>	<b>212</b>	<b>23</b>	<b>66</b>	<b>40</b>
<b>W1EQ</b>	<b>*</b>	<b>31,000</b>	<b>111</b>	<b>30</b>	<b>67</b>	<b>28</b>
<b>NE1F</b>	<b>*</b>	<b>29,484</b>	<b>108</b>	<b>33</b>	<b>57</b>	<b>36</b>
<b>KV1J</b>	<b>*</b>	<b>24,860</b>	<b>100</b>	<b>24</b>	<b>60</b>	<b>26</b>
<b>N1KWF</b>	<b>*</b>	<b>8,880</b>	<b>75</b>	<b>15</b>	<b>23</b>	<b>22</b>
<b>W1S</b>	<b>*</b>	<b>7,597</b>	<b>55</b>	<b>20</b>	<b>29</b>	<b>22</b>
<b>W1CTN</b>	<b>14A</b>	<b>53,000</b>	<b>235</b>	<b>20</b>	<b>59</b>	<b>27</b>
<b>*W1ARY</b>	<b>AA</b>	<b>294,824</b>	<b>506</b>	<b>44</b>	<b>145</b>	<b>80</b>
<b>*N1API</b>	<b>*</b>	<b>282,852</b>	<b>576</b>	<b>38</b>	<b>118</b>	<b>38</b>
<b>*KT1I</b>	<b>*</b>	<b>182,735</b>	<b>389</b>	<b>39</b>	<b>104</b>	<b>84</b>
<b>*KE1M</b>	<b>*</b>	<b>170,464</b>	<b>364</b>	<b>44</b>	<b>119</b>	<b>61</b>
<b>*KC1SA</b>	<b>*</b>	<b>84,372</b>	<b>222</b>	<b>40</b>	<b>92</b>	<b>46</b>
<b>*K1RCT</b>	<b>*</b>	<b>72,240</b>	<b>285</b>	<b>32</b>	<b>68</b>	<b>68</b>
<b>*KAZKON/1</b>	<b>*</b>	<b>45,486</b>	<b>138</b>	<b>28</b>	<b>86</b>	<b>19</b>
<b>*WA1ZAM</b>	<b>*</b>	<b>24,310</b>	<b>119</b>	<b>23</b>	<b>50</b>	<b>37</b>
<b>*KB1ODO</b>	<b>*</b>	<b>11,102</b>	<b>89</b>	<b>20</b>	<b>36</b>	<b>35</b>
<b>*AA1AR</b>	<b>*</b>	<b>4,386</b>	<b>33</b>	<b>16</b>	<b>37</b>	<b>4</b>
<b>*K1PH</b>	<b>7A</b>	<b>475</b>	<b>11</b>	<b>6</b>	<b>8</b>	<b>5</b>
<b>*WX1S</b>	<b>14A</b>	<b>37,418</b>	<b>145</b>	<b>19</b>	<b>65</b>	<b>22</b>
<b>*AB1J</b>	<b>3.5A</b>	<b>28,810</b>	<b>243</b>	<b>10</b>	<b>28</b>	<b>48</b>
<b>*K1IU</b>	<b>*</b>	<b>4,995</b>	<b>74</b>	<b>7</b>	<b>14</b>	<b>24</b>
District 2						
<b>W2LE</b>	<b>A</b>	<b>419,661</b>	<b>549</b>	<b>60</b>	<b>161</b>	<b>76</b>
<b>W5VM/2</b>	<b>*</b>	<b>302,588</b>	<b>525</b>	<b>55</b>	<b>141</b>	<b>90</b>
<b>NV2N</b>	<b>*</b>	<b>190,532</b>	<b>440</b>	<b>37</b>	<b>103</b>	<b>78</b>
<b>K2OB</b>	<b>*</b>	<b>127,296</b>	<b>302</b>	<b>40</b>	<b>98</b>	<b>66</b>
<b>KA2AEY</b>	<b>*</b>	<b>52,635</b>	<b>192</b>	<b>30</b>	<b>73</b>	<b>42</b>
<b>NG2P</b>	<b>*</b>	<b>37,962</b>	<b>137</b>	<b>27</b>	<b>65</b>	<b>22</b>
<b>N2CG</b>	<b>*</b>	<b>26,606</b>	<b>100</b>	<b>28</b>	<b>64</b>	<b>14</b>
<b>KU2M</b>	<b>21</b>	<b>111,280</b>	<b>381</b>	<b>20</b>	<b>71</b>	<b>16</b>
<b>*KF2OG</b>	<b>A</b>	<b>273,750</b>	<b>489</b>	<b>43</b>	<b>122</b>	<b>85</b>
<b>*AK2S</b>	<b>*</b>	<b>248,472</b>	<b>472</b>	<b>44</b>	<b>132</b>	<b>76</b>
<b>*K2AL</b>	<b>*</b>	<b>232,320</b>	<b>436</b>	<b>53</b>	<b>128</b>	<b>83</b>
<b>*KR20</b>	<b>*</b>	<b>186,004</b>	<b>351</b>	<b>43</b>	<b>128</b>	<b>25</b>
<b>*AC2OC</b>	<b>*</b>	<b>100,224</b>	<b>284</b>	<b>38</b>	<b>81</b>	<b>73</b>
<b>*WB2COY</b>	<b>*</b>	<b>54,665</b>	<b>202</b>	<b>27</b>	<b>67</b>	<b>51</b>
<b>*KA2FHN</b>	<b>*</b>	<b>50,132</b>	<b>207</b>	<b>32</b>	<b>67</b>	<b>67</b>
<b>*WA2PNI</b>	<b>*</b>	<b>38,528</b>	<b>150</b>	<b>25</b>	<b>62</b>	<b>41</b>
<b>*NW2K</b>	<b>*</b>	<b>37,118</b>	<b>149</b>	<b>25</b>	<b>62</b>	<b>51</b>
<b>*W2DXE</b>	<b>*</b>	<b>33,572</b>	<b>148</b>	<b>23</b>	<b>53</b>	<b>33</b>
<b>*K2MV</b>	<b>*</b>	<b>33,550</b>	<b>126</b>	<b>26</b>	<b>60</b>	<b>36</b>
<b>*K2KIB</b>	<b>*</b>	<b>26,814</b>	<b>114</b>	<b>28</b>	<b>57</b>	<b>38</b>
<b>*KD2DVM</b>	<b>*</b>	<b>14,432</b>	<b>77</b>	<b>25</b>	<b>40</b>	<b>23</b>
<b>*K2TV</b>	<b>*</b>	<b>9,694</b>	<b>56</b>	<b>20</b>	<b>42</b>	<b>12</b>
<b>*AD3Y/2</b>	<b>*</b>	<b>2,205</b>	<b>29</b>	<b>15</b>	<b>21</b>	<b>13</b>
<b>*KC2KZJ</b>	<b>*</b>	<b>2,160</b>	<b>26</b>	<b>10</b>	<b>22</b>	<b>4</b>
<b>*KS2G</b>	<b>14</b>	<b>49,500</b>	<b>231</b>	<b>17</b>	<b>55</b>	<b>27</b>
<b>*N2MUN</b>	<b>*</b>	<b>24,017</b>	<b>135</b>	<b>11</b>	<b>46</b>	<b>16</b>
<b>*WB2ART</b>	<b>*</b>	<b>20,202</b>	<b>124</b>	<b>13</b>	<b>38</b>	<b>23</b>
<b>*W2VTV</b>	<b>7</b>	<b>28,785</b>	<b>238</b>	<b>13</b>	<b>38</b>	<b>44</b>
<b>NO2T</b>	<b>AA</b>	<b>711,954</b>	<b>978</b>	<b>57</b>	<b>180</b>	<b>96</b>
<b>W2GR</b>	<b>*</b>	<b>361,280</b>	<b>551</b>	<b>58</b>	<b>154</b>	<b>108</b>
<b>W2YR</b>	<b>*</b>	<b>278,214</b>	<b>441</b>	<b>54</b>	<b>148</b>	<b>65</b>
<b>K2CYE</b>	<b>*</b>	<b>96,030</b>	<b>234</b>	<b>38</b>	<b>93</b>	<b>63</b>
<b>N1BIM/2</b>	<b>*</b>	<b>83,277</b>	<b>215</b>	<b>33</b>	<b>92</b>	<b>46</b>
<b>WB2NVR</b>	<b>*</b>	<b>67,952</b>	<b>192</b>	<b>29</b>	<b>95</b>	<b>13</b>
<b>KC2LRC</b>	<b>*</b>	<b>66,800</b>	<b>154</b>	<b>44</b>	<b>95</b>	<b>28</b>
<b>KB2CKN</b>	<b>*</b>	<b>55,500</b>	<b>178</b>	<b>28</b>	<b>63</b>	<b>57</b>
<b>KA2D</b>	<b>*</b>	<b>23,861</b>	<b>90</b>	<b>30</b>	<b>60</b>	<b>17</b>
<b>WA3AFS/2</b>	<b>*</b>	<b>17,490</b>	<b>74</b>	<b>36</b>	<b>47</b>	<b>27</b>
<b>N6EE/2</b>	<b>21A</b>	<b>66,559</b>	<b>235</b>	<b>22</b>	<b>70</b>	<b>9</b>
<b>AG2T</b>	<b>7A</b>	<b>5,978</b>	<b>68</b>	<b>9</b>	<b>20</b>	<b>20</b>
<b>*KE2D</b>	<b>AA</b>	<b>408,152</b>	<b>607</b>	<b>60</b>	<b>160</b>	<b>106</b>
<b>*NY6DX/2</b>	<b>*</b>	<b>260,780</b>	<b>572</b>	<b>41</b>	<b>110</b>	<b>85</b>
<b>*K2RET</b>	<b>*</b>	<b>149,144</b>	<b>326</b>	<b>41</b>	<b>113</b>	<b>52</b>
<b>*K2TWI</b>	<b>*</b>	<b>127,053</b>	<b>307</b>	<b>32</b>	<b>97</b>	<b>48</b>
<b>*K2SI</b>	<b>*</b>	<b>46,718</b>	<b>83</b>	<b>26</b>	<b>60</b>	<b>56</b>
<b>*WA2UBK</b>	<b>*</b>	<b>22,018</b>	<b>182</b>	<b>32</b>	<b>59</b>	<b>10</b>
<b>*K2NV</b>	<b>*</b>	<b>176</b>	<b>6</b>	<b>4</b>	<b>5</b>	<b>2</b>
District 3						
<b>4U1WB/3</b>	<b>A</b>	<b>527,315</b>	<b>951</b>	<b>44</b>	<b>132</b>	<b>87</b>
(OP:AJ3M)						
<b>K3UW</b>	<b>*</b>	<b>507,906</b>	<b>784</b>	<b>39</b>	<b>149</b>	<b>90</b>
<b>N3FCP</b>	<b>*</b>	<b>224,910</b>	<b>402</b>	<b>45</b>	<b>118</b>	<b>75</b>
<b>N3XL</b>	<b>*</b>	<b>83,922</b>	<b>178</b>	<b>39</b>	<b>91</b>	<b>67</b>
<b>K3OK</b>	<b>*</b>	<b>59,189</b>	<b>213</b>	<b>33</b>	<b>79</b>	<b>45</b>
<b>N3NZ</b>	<b>*</b>	<b>40,959</b>	<b>163</b>	<b>24</b>	<b>61</b>	<b>26</b>
<b>N3SOD</b>	<b>*</b>	<b>35,784</b>	<b>140</b>	<b>28</b>	<b>62</b>	<b>36</b>
<b>K3TN</b>	<b>*</b>	<b>29,464</b>	<b>114</b>	<b>29</b>	<b>55</b>	<b>43</b>

W8LYJ/3	*	7,738	63	21	32	20
<b>W3RTY</b>	<b>14</b>	<b>115,316</b>	<b>402</b>	<b>26</b>	<b>71</b>	<b>30</b>
<b>AI30</b>	<b>*</b>	<b>10,800</b>	<b>94</b>	<b>13</b>	<b>33</b>	<b>14</b>
<b>*KB3LIX</b>	<b>A</b>	<b>351,783</b>	<b>520</b>	<b>55</b>	<b>157</b>	<b>91</b>
<b>*K2LNS/3</b>	<b>*</b>	<b>224,640</b>	<b>464</b>	<b>48</b>	<b>106</b>	<b>86</b>
<b>*K3CWF</b>	<b>*</b>	<b>129,600</b>	<b>290</b>	<b>35</b>	<b>105</b>	<b>52</b>
<b>*K3DWB</b>	<b>*</b>	<b>105,672</b>	<b>393</b>	<b>29</b>	<b>70</b>	<b>69</b>
<b>*N3RWB</b>	<b>*</b>	<b>100,214</b>	<b>263</b>	<b>36</b>	<b>97</b>	<b>45</b>
<b>*WA3ZSC</b>	<b>*</b>	<b>87,271</b>	<b>252</b>	<b>43</b>	<b>81</b>	<b>73</b>
<b>*KB3JZB</b>	<b>*</b>	<b>79,515</b>	<b>221</b>	<b>33</b>	<b>79</b>	<b>59</b>
<b>*WA1HEW/3</b>	<b>*</b>	<b>75,240</b>	<b>235</b>	<b>34</b>	<b>75</b>	<b>56</b>
<b>*K3BLN</b>	<b>*</b>	<b>61,535</b>	<b>220</b>	<b>29</b>	<b>68</b>	<b>58</b>
<b>*KX2S/3</b>	<b>*</b>	<b>54,128</b>	<b>160</b>	<b>31</b>	<b>76</b>	<b>29</b>
<b>*K3NDM</b>	<b>*</b>	<b>52,416</b>	<b>190</b>	<b>36</b>	<b>76</b>	<b>56</b>
<b>*N3DN</b>	<b>*</b>	<b>51,606</b>	<b>252</b>	<b>24</b>	<b>48</b>	<b>69</b>
<b>*N3VOP</b>	<b>*</b>	<b>48,888</b>	<b>169</b>	<b>38</b>	<b>65</b>	<b>65</b>
<b>*KA2VLP/3</b>	<b>*</b>	<b>34,928</b>	<b>133</b>	<b>25</b>	<b>63</b>	<b>30</b>
<b>*W3CB</b>	<b>*</b>	<b>22,148</b>	<b>102</b>	<b>22</b>	<b>53</b>	<b>23</b>
<b>*KR1ST/3</b>	<b>*</b>	<b>11,424</b>	<b>94</b>	<b>17</b>	<b>21</b>	<b>46</b>
<b>*K3UA</b>	<b>*</b>	<b>6,716</b>	<b>55</b>	<b>20</b>	<b>23</b>	<b>30</b>
<b>*K3CHMY</b>	<b>*</b>	<b>5,530</b>	<b>66</b>	<b>18</b>	<b>31</b>	<b>30</b>
<b>*W3BU</b>	<b>*</b>	<b>4,814</b>	<b>44</b>	<b>15</b>	<b>21</b>	<b>22</b>
<b>*WA3DGS</b>	<b>*</b>	<b>3,312</b>	<b>31</b>	<b>16</b>	<b>27</b>	<b>14</b>
<b>*N3DR</b>	<b>*</b>	<b>700</b>	<b>14</b>	<b>8</b>	<b>11</b>	

W6RW/7	*	56,168	223	29	52	38	K0AD	*	401,790	926	54	113	128	District 3				U.S. Virgin Island											
W7L	*	49,128	161	36	67	35	K0JJR	*	367,842	640	54	138	111	VE3TW	A	648,210	865	55	148	107	*KP2DX	7	20,002	127	14	38	21	(OP:KP2BH)	
KT7G	*	48,635	190	37	56	44	WB9KPT/0	*	240,038	569	53	91	113	VE3GYL	*	94,848	265	32	75	45									
N17R	*	47,012	196	32	44	70	WB0N	*	150,625	359	50	96	90	VA3MW	*	39,431	141	30	47	54									
K7JJ	*	46,305	192	30	50	67	AB0S	*	114,972	365	38	73	95	VA3PC	28	378	10	5	6	3	NP2X	AA	875,080	1000	67	170	97	(OP:K9VV)	
W7M	*	39,530	188	33	35	50	K10F	*	98,310	282	33	78	63	*VE3BR	A	161,424	325	52	99	77									
K7DD	*	14,287	76	25	42	24	K0JPL	*	96,900	248	45	86	59	*VE3MGY	*	111,699	318	32	71	86									
K1YR/7	*	14,240	117	22	24	43	W0TY	*	76,735	228	32	81	36	*VA3WU	*	66,780	196	35	77	47									
WB7S	*	13,261	82	25	34	30	NR0T	*	27,232	119	21	53	18	*VE3FJ	*	55,648	163	34	68	46									
A1K7/7	*	7,776	62	27	26	19	W0ZQ	*	19,140	145	15	28	44	*VE3WPV	*	53,712	188	29	51	64	*EA8AQV	A	264,264	375	47	141	54		
K7EG	*	5,795	43	21	31	9	K0VQ	*	16,954	104	23	31	44	*VA3IK	*	46,726	160	25	48	49	*EA8ZT	A	134,845	372	24	103	22		
W7WHY	*	3,599	50	18	20	21	N0MHL	*	1,736	20	12	14	5	*VE3VF	*	19,976	86	22	45	21	*EA8LG	21	79,242	305	17	55	22		
K0TSS	*	3,016	45	10	8	34	W0MHJ	*	400	16	5	5	10	*VA3UG	*	12,665	72	21	38	26	*EA8BG0	14	61,056	238	15	59	22		
N7DX	*	1,040	23	7	7	6	K0PIR	14	1,400	22	11	14	10	*VE3KTB	*	3,036	32	13	15	18	*EA8ARG	*	11,128	88	10	33	9		
N6S/7	28A	4,588	57	13	13	11	W0GJ	7	154,810	659	27	59	51^	*VA3EC	14	2,418	32	6	16	4									
W7ZR	14A	316,965	905	33	98	56	K50AA	3.5	9,735	162	6	8	41	*VE3CV	3.5	7,222	79	5	9	32	*EA8PT	AA	157,050	366	27	109	14		
K7OX	*	267,200	723	29	84	47	*WR0U	A	435,643	706	52	161	86	VE3CX	AA	1,383,375	1511	61	179	135									
W6RLL/7	*	40,040	201	20	46	38	*K0YQ	*	155,496	342	50	98	80	VE3UT	*	518,256	570	75	196	83	EA9LZ	14	937,300	1802	32	97	53		
K0MP/7	7A	44,100	314	21	35	44	*AA0AW	*	148,964	367	44	102	77	VE3EJ	*	54,036	139	45	81	32									
*W7TSQ	AA	136,315	382	54	67	78	*N0STL	*	106,395	313	42	93	70	VE3NZ	7A	1,073,032	592	22	68	49									
*K7GYI	*	94,950	320	46	76	89	*K0SM	*	94,311	255	43	93	53	*VA3DF	A	174,024	913	81	252	119	*CT3HF	A	96,968	247	27	75	34		
*K3WY/7	*	41,180	159	41	52	49	*K0TC	*	83,248	255	33	74	65	*VA3MJD	*	644,742	762	66	181	110									
*N1JM/7	*	18,720	127	26	28	42	*N5TU/0	*	47,260	182	31	62	46	*VE3XD	*	41,728	150	25	63	10	*CT3FW	14A	112,056	347	23	71	22		
*W47DUH	*	10,752	82	25	27	32	*K0YR	*	42,126	201	23	49	46	*VE3IAE	14A	142,901	464	17	68	36									
*AC7JM	*	3,300	53	10	11	23	*W0GOS	*	33,916	216	20	34	68	VE4VT	AA	792,304	959	68	168	132									
*W47PK	*	1,540	30	12	9	14	*W0QULU	*	24,610	127	23	37	55																
*N1BG/7	*	504	17	6	5	10	*W0UR	*	17,568	102	23	39	34																
*K7DX	14A	6,858	66	16	19	19^	*A1JG/0	*	13,200	95	24	40	36																
							*K0NJR	*	11,696	133	11	8	67																
							*W0HBB	*	10,758	71	14	34	18																
							*K0WRH	*	10,752	94	21	25	38																
							*AE0EE	*	10,578	76	17	27	38																
							*K1JOP	*	9,576	88	15	18	43																
							*WC0WB	*	6,090	56	18	21	31																
							*NR0Q	*	5,395	57	16	26	23																
							*N1U7R/0	*	2,580	40	13	12	18																
							*K0BR/0	*	2,116	38	12	10	24																
							*K0DJHW	*	1,023	27	8	8	17																
							*W0Q0Q	*	88	5	4	3	4																
							*W0ZF	14	19,734	152	14	34	34																
							*W0RK	*	12,848	79	15	35	23																
							*K0DAVG	*	2,340	39	9	11	19																
							K0KX	AA	1,542,325	1308	85	259	131																
							N0AT	*	590,835	954	64	145	122																
							W0MB	*	515,406	879	59	150	117																
							K0BX	*	326,541	563	57	129	81																
							N0BU	*	321,128	686	43	117	114																
							K0CV	*	312,576	526	58	137	61																
							K0MD	*	243,104	553	37	104	73																
							W0UJZK	*	220,052	443	54	122	95																
							K0BJ	*	217,422	326	68	151	63																
							K0HB	*	212,095	467	45	112	94																
							W0GM	*	199,989	405	47	113	83																
							K0RC	*	189,816	354	51	119	94																
							K0PC	*	149,247	359	40	95	72																
							N0DL	*	126,063	325	42	100	65																
							K0XB	*	112,022	258	38	114	6																
							K0AP	*	105,968	253	41	98	40																
							W0BM	*	89,946	233	36	88	47																
							K5ZG/0	*	82,521	282	38	76	59																
							N1U0W	*	81,030	210	44	84	57																
							W5AP/0	*	68,800	197	42	62	56																
							K4IU/0	*	62,118	211	40	64	70																
							N0BK	*	56,575	183	31	72	52																
							W0ERP	*	53,756	205	30	68	53																
							N0KE	*	16,786	93	26	31	20																
							W0LM	*	14,356	85	25	35	37																
							W0SHL	*	4	50	4	2																	
							*W0UW	AA	324,416	560	56	137	81																
							*N0HJZ	AA	209,400	472	52	115	101																
							*N0AJN	*	103,587	250	51	93	75																
							*W0LDPV	*	68,623	249	28	65	70																
							*																						





*DL3MVC	*	222,816	557	39	136	36	*DF9GR	*	825,344	899	88	257	71	IK2SAR	*	47,256	148	36	75	21	*IK3TPP	14A	340,740	812	32	96	52
*DL6FSR	*	183,393	408	45	130	38	*DJ4MH	*	598,048	786	77	215	60	IK0BZE	*	8,662	53	17	24	20	*IZBEFD	*	314,154	742	30	104	52
*DMBT	*	168,990	383	45	133	37	*DK1IP	*	341,334	470	67	170	64	IU4DEG	*	1,064	24	13	21	4	*IZSIOS	*	29,832	146	18	48	22
							*DL1ARJ	*	241,964	497	51	148	42	IK2QIN	*	735	19	6	12	3	*IZSQOQ	3.5A	1,408	39	3	18	1
							*DK5WO	*	233,836	496	42	114	56	I/HB9TKT	*	-131,784	78	20	33	23							
*DK2WU	*	162,750	375	39	133	38	*DL1GME	*	178,177	381	52	132	39	IK3ASM	28	4,250	47	12	21	1							
*DBZKT	*	147,838	364	44	119	30	*DL5ARM	*	162,004	411	45	129	28	I/V3TMV	21	288,176	702	37	98	37*	*MJ5Z	A	1,585,175	1743	68	216	105
*DK1KC	*	146,371	353	42	123	32	*DL1NHV	*	151,905	258	57	133	55	I/BJJT	*	246,491	603	30	88	43							
*DJ4WM	*	144,725	345	43	125	31	*DL1NFH	*	121,644	302	43	113	50	IK4ALM	*	48,503	213	23	43	25							
*DL6ON	*	134,734	322	47	130	25	*DF1LK	*	115,893	223	49	161	27	I/W3FVZ	14	75,428	311	19	64	26							
*DL2KVA	*	123,032	379	38	119	12	*DL1LKL	*	54,054	213	32	74	11	I/W3CJX	*	51,142	255	19	48	14							
*DL1MLJ	*	113,967	244	50	105	46	*DL6NWA	*	50,925	240	25	68	12	IK2AOZ	*	40,248	192	16	41	29							
*DL4FAP	*	107,468	264	40	114	32	*DO2MRC	*	48,496	230	29	75	8	I/Z4DZD	7	15,250	159	9	39	2*							
*DF3EH	*	102,696	331	28	60	44	*DGTRO	*	46,506	160	40	71	27	I/Z1PMC	*	10,230	97	11	37	7							
*DK7MCX	*	88,183	254	38	97	28	*DN0UKW	*	32,536	214	20	44	19	IK8UND	*	7,315	113	5	29	1							
*DG7EE	*	84,108	237	45	104	23	*DF5EM	*	30,444	120	27	79	12	*IW2MXY	A	514,842	813	56	194	68							
*DMS5B	*	80,030	280	35	99	17	*DL3FCG	*	26,910	122	25	77	15	*IZBIFL	*	392,277	865	50	144	35							
*DG8KAD	*	79,904	209	42	88	46	*DM4YWL	*	22,000	135	18	54	8	*I1EIS	*	339,678	448	77	211	46							
*DMSJBN	*	76,796	245	28	82	36	*DF1HF	*	21,965	106	28	74	13	*IZXLFL	*	196,416	360	65	128	55							
*DLS5F	*	73,650	234	38	92	20	*DL8BB	*	21,112	101	26	47	18	*IZ30FG	*	195,901	405	49	134	44							
*DJ1YF	*	69,972	244	38	101	8	*DJ2FR	*	18,392	96	23	41	24	*I0YOV	*	188,480	342	62	150	36							
*DJ1JO	*	69,212	216	35	83	25	*DL5ZB	*	16,512	75	28	49	19	*IK2YSJ	*	188,183	425	50	144	33							
*DL90BY	*	65,016	281	26	88	12	*DC8OT	*	12,921	97	19	48	6	*IK4UNH	*	185,198	395	45	139	37							
*DK3WN	*	58,500	188	35	95	20	*DM6GS	*	8,635	57	13	13	29	*IZ1GLX	*	183,741	403	41	132	46							
*DL1HSI	*	57,486	212	32	92	19	*DL5ANS	*	8,515	68	18	42	5	*IK3XJP	*	174,928	331	57	142	33							
*DFSAN	*	56,696	155	41	78	33	*DL6AOC	*	6,600	60	15	34	6	*I/W3ABE	*	168,872	348	43	104	55							
*DL6EZ	*	55,074	197	31	81	25	*DJ9MH	*	5,605	39	20	26	13	*IZ3GOG	*	156,600	302	55	121	40							
*DL3YFF	*	48,384	194	30	84	14	*DL2RUM	*	2,928	33	15	25	8	*IK7RYV	*	151,891	359	50	108	35							
*DL2LMS	*	48,233	159	34	88	17	*DF7XH	21A	13,056	77	21	38	9	*I/W7DBM	*	148,816	618	24	84	23							
*DL3KVR	*	39,984	147	29	62	28	*DF7JC	7A	23,236	158	16	46	12	*IK1BPL	*	148,400	353	37	120	43							
*DJ6UP	*	39,849	167	28	60	23							*IUB3SY	*	137,922	341	44	104	33								
*DO3PKE	*	37,840	229	18	60	10							*I1UCBSG	*	127,448	376	31	127	21								
*DG0OM	*	36,652	142	32	75	12							*IK2AUK	*	108,654	273	49	124	26								
*DL5ALW	*	35,028	130	31	84	11							*I7WTTY	*	97,008	373	26	66	37								
*DF7AT	*	34,798	124	39	81	17							*IK8TEM	*	90,347	264	39	108	20								
*DK3GI	*	33,810	112	32	51	32							*IK8ARF	*	89,356	233	44	108	26								
*DL3LBP	*	33,615	143	32	73	30							*IZBEEF	*	70,004	158	51	91	30								
*DL4FMM	*	32,996	150	30	66	17							*IK7JMK	*	62,225	222	29	75	27								
*DL2BZV	*	32,025	122	33	54	18							*IK2SJV	*	53,640	175	35	89	25								
*DL8JAV	*	28,614	118	34	67	13							*I0N3WY	*	53,530	298	15	80	6								
*DL8JBT	*	28,512	185	17	67	4							*IK3MLF	*	51,311	139	40	97	28								
*DF0BV	*	27,948	120	22	53	27							*IK0HTP	*	46,305	161	29	86	20								
													*I07MU	*	45,540	177	31	66	18								
													*IZBZN	*	45,279	173	32	83	14								
													*IK2MKM	*	41,531	176	29	74	16								
													*IZ5DKO	*	39,858	128	36	92	18								
													*IK5OPS	*	37,665	133	35	86	14								
													*IK2WFN	*	37,516	137	31	58	24								
													*IK4XOT	*	34,224	183	21	60	12								
													*IZ0UME	*	31,750	114	39	67	19								
													*IK3CST	*	29,820	149	27	71	7								
													*I/W4EFC	*	22,019	103	24	57	16								
													*I4JEE	*	21,917	86	30	52	19								
													*IZ3OCH	*	18,430	116	25	60	10								
													*IK2IKZ	*	18,050	98	22	60	13								
													*I0H0U	*	17,286	94	23	46	17								
													*IK2LUF	*	14,432	85	22	53	7								
													*IZ2LSP	*	12,410	67	22	38	13								
													*IZ3XNJ	*	11,151	64	16	25	22								
													*IUB3PW	*	10,336	76	20	35	13								
													*IZ1UKX	*	8,750	70	16	49	5								
													*IZ2JNN	*	8,208	70	14	37	6								
													*I1ITO	*	7,812	64	15	37	10								
													*IZ2EEV	*	7,168	57	13	23	20								
													*IK8SVO	*	5,788	42	27	34	5								
													*IZ1MHY	*	5,096	34	19	25	12								
													*IZ5HOB	*	4,633	55	12	27	2								
													*IUB3GN	*	4,557	61	11	28	10								
													*IK2REA	*	3,825	38	11	20	14								
													*IZ2CSK	*	2,820	30	15	27	3								
													*IZ7URM	21	51,609	199	23	53	26								
													*IK1NEG	*	45,472	188	25	61	12								
													*IK4IDP	*	5,850	45	13	29	8								
													*IK2EBP	*	2,844	27	12	15	9								





*XE2N	Mexico 90 8 6 7 5	*406GAS	Montenegro 9,780 98 18 39 3	UI9I	ASIA 59,915 203 33 77 5	*LB5HG	Norway 187 8 3 7 1	
U.S. Virgin Islands	2,966,166 2286 92 255 184	PA3GVI PA6B *PI4VAD	Netherlands 799,772 1012 72 207 79 500,262 935 45 148 65 66,410 228 31 87 27	9A701A LX7I UA4M PI4CC LZ9W OH5C DR3W ED2V	EUROPE 9,741,816 5396 137 438 183 5,868,495 4213 120 387 178 5,380,100 3682 134 430 106 4,323,594 3142 108 340 153 3,299,103 2995 91 277 145 2,788,060 2554 100 309 97 1,532,377 1187 106 319 114 144,728 306 45 127 57	*S07SAU *SP5JP *S07BIT *S06KXY	Poland 185,094 377 57 151 26 73,080 275 33 92 15 17,871 142 17 48 4 10,166 124 12 32 2	
Canary Islands	2,683,504 2073 74 243 140	SP9KDA 32670BY *SP2ZIE *SP2KDS *SP5PDB	Poland 915,072 1170 83 233 68 103,488 346 25 71 36 1,025,857 1005 97 283 771 276,939 494 59 170 34 35,308 211 24 68 5			*CR5U	Portugal 1,106,406 1384 71 226 81 (OP:CS7AJL)	
Comoros	1,966,392 1853 74 210 88						Serbia 4,403 78 6 30 1	
ASIA	Asiatic Russia-District Ø 4,019,323 2843 112 362 65 16,115 147 20 27 8	*CS5CRE	Portugal 1,787,991 1861 87 255 111	*KC1ANM	ROOKIE United States District 1 25,500 183 30 55 0	*UR30TN *UR5OSS	Ukraine 2,146 42 5 23 1 368 11 6 8 2	
Asiatic Turkey	1,320,960 1508 57 194 69	*IT9BLB	Sicily 3,343,300 2127 124 399 147	*K2MV	District 2 23,650 126 26 60 0	*YU4DEY	Indonesia 28,000 150 21 44 5 17,490 108 20 45 1 2,244 29 10 16 7 336 13 5 6 5 54 6 3 5 1	
Japan District 1	325,166 640 44 91 64 169,290 402 44 98 20	OM4Q	Slovakia 1,434,293 1498 83 253 91	W3RPH W3LES AB3WS *KC3HMY	District 3 40,216 188 28 60 0 11,424 103 12 36 0 84,738 285 53 121 0 3,430 66 18 31 0	*YD1SDL/2 *YD4GBN *YD1NDX *YD3CNUJ *YD8GAR	Philippines 7,192 57 22 30 10 1,620 57 4 7 1	
District 2	48,750 187 41 73 11	*S50W *S57DL	Slovenia 2,252,906 1708 114 341 132 88,407 261 42 98 31	AI6DO *KK6NON *WU6K	District 6 33,596 262 24 50 0 93,738 450 43 59 0 6,298 81 25 22 0	DV1ZFE *DV1YZD	Argentina 1,680 25 11 17 2	
District 4	1,131,894 1029 99 245 67 319,515 466 70 144 41	SK7K *SK6AW	Sweden 700,574 976 69 192 65 530,376 832 56 166 65	*KG7GYI	District 7 54,900 320 46 76 0	*PU8TAS	Brazil 2,376 27 11 16 9	
Taiwan	181,032 582 52 88 12	UW3E *UW7W *UR4PWC	Ukraine 1,291,616 1659 80 216 66 1,177,398 1149 83 270 86 7,548 71 13 28 10	NB8F	District 8 44,690 196 34 75 0	YV1YLY	Venezuela 830,023 1590 28 100 51	
Thailand	1,783,876 1925 81 234 44 62,829 234 37 76 4 13,455 83 18 47 4	VK2RT	OCEANIA Australia 823,140 964 72 145 89	*AD9LZ	District 9 13 16 8 5 0		CLASSIC United States District 1 30,888 165 36 68 0 20,646 154 30 44 0	
West Malaysia	10,918 87 19 32 2	YE1ZAT YB2ZYY *YE1ZAL	Indonesia 1,204,482 1399 75 196 38 49,421 262 19 51 3 37,525 176 27 46 6	*K0NJR	Belize 198 8 8 7 7	*K1XS *KB1VUN	District 2 23,092 100 28 64 0 162,279 351 43 128 0 156,088 432 52 127 0 36,000 231 17 55 0 13,923 124 13 38 0 1,920 26 10 22 0	
EUROPE	Aland Islands 424,642 949 49 158 34	VK9NZ	Norfolk Island 28,535 155 19 18 28	*CO2XK	Cuba 29,760 129 29 37 54	N2CG *KR2Q *K2AL *KS2G *WB2ART *KC2KZJ	District 3 154,035 402 45 118 0 88,076 402 26 71 0 25,560 140 28 62 0 182,748 422 49 145 0 62,271 393 29 70 0 16,950 102 22 53 0	
Croatia	957,330 794 110 293 92 93,600 298 30 110 16	*DX2R	Philippines 1,229,117 1477 78 174 37	A96A	Bahrain 10,548 101 6 29 1		District 4 287,616 638 54 160 0 250,173 582 57 152 0 69,010 226 42 92 0 480,403 1324 43 144 0 68,103 264 41 100 0 53,019 195 40 89 0 49,120 241 18 62 0 43,166 184 35 78 0 27,740 162 34 61 0 24,210 142 35 55 0 11,154 93 26 40 0 8,370 65 24 38 0 7,992 71 25 29 0 *K1GU/4 *K3NP/4 *N4KXO N4NQY *WN8Y/4	
Czech Republic	2,133,536 1861 86 269 133 261,818 574 48 132 38 33,264 157 25 72 15	CE3WW CE1ANF *3G1D	Chile 962,925 990 64 140 143 67,949 231 27 30 62 233,723 498 37 74 62	A96A	China 10,548 101 6 29 1		District 5 195,480 463 54 127 0 32,336 219 28 58 0 202,704 671 54 110 0 43,452 277 40 62 0 8,866 62 24 38 0 6,716 101 21 25 0	
Denmark	484,288 693 70 191 61	CV5Q	Uruguay 889,425 1011 63 154 118	J1K1LL	Japan District 1 700 15 7 12 1		District 6 123,900 449 51 89 0 25,543 174 40 49 0 49,152 270 41 55 0 *N6RVI 23,436 205 28 35 0 11,895 95 33 32 0	
England	2,364,804 2153 80 232 156 743,238 1132 61 191 62	G9V G0BRC	EUROPE	*JMBFEI	District 8 22,200 104 33 49 18		District 7 82,490 446 48 65 0 29,232 182 38 45 0 W67X 22,386 273 31 37 0 20,925 163 27 48 0 17,404 101 28 48 0 43,275 253 22 53 0 25,350 176 34 41 0 8,316 109 29 25 0 2,920 40 19 21 0 1,971 57 14 13 0	
European Russia	District 3 1,143,415 1425 68 224 67 97,940 348 33 79 6	RK3DXW *RK3PWR	UNITED STATES	*JT1PB	Mongolia 15,928 188 14 29 1		District 8 287,616 638 54 160 0 250,173 582 57 152 0 69,010 226 42 92 0 480,403 1324 43 144 0 68,103 264 41 100 0 53,019 195 40 89 0 49,120 241 18 62 0 43,166 184 35 78 0 27,740 162 34 61 0 24,210 142 35 55 0 11,154 93 26 40 0 8,370 65 24 38 0 7,992 71 25 29 0 *K1GU/4 *K3NP/4 *N4KXO N4NQY *WN8Y/4	
District 4	2,802,115 2508 100 326 89	UA4S	K9CT W1DX KB80 KTJR W4MLB N2PA WA3EKL K16DYØ NASVC NØKK	A71MM	Qatar 15,198 113 9 35 7		District 9 195,480 463 54 127 0 32,336 219 28 58 0 202,704 671 54 110 0 43,452 277 40 62 0 8,866 62 24 38 0 6,716 101 21 25 0	
Finland	3,261,360 2650 104 313 118 966,756 1202 70 209 78	OH8A OH2T	NORTH AMERICA	OE5TKM	Austria 21,824 109 23 50 15		District 10 195,480 463 54 127 0 32,336 219 28 58 0 202,704 671 54 110 0 43,452 277 40 62 0 8,866 62 24 38 0 6,716 101 21 25 0	
France	40,831 155 34 83 16	*F5KCH	2,642,976 2304 95 225 184 511,810 888 48 83 123	*EW7BA *9A5RPZ	Belarus 281,232 655 46 150 20		District 11 123,900 449 51 89 0 25,543 174 40 49 0 49,152 270 41 55 0 *N6RVI 23,436 205 28 35 0 11,895 95 33 32 0	
Germany	996,156 933 89 273 107 871,342 1036 80 227 75 686,448 947 67 185 84 544,812 676 71 169 92 477,309 633 78 228 51 401,621 522 69 192 58 89,441 235 48 102 23 2,887,843 1965 116 350 147 379,200 577 66 202 52 237,468 492 48 140 43 45,934 194 23 78 18	VE7SZ VE7IO	ASIA	9M2A RUØLL BV2A/3	OK7LO	Croatia 32,400 157 28 71 9		District 12 123,900 449 51 89 0 25,543 174 40 49 0 49,152 270 41 55 0 *N6RVI 23,436 205 28 35 0 11,895 95 33 32 0
Greece	3,779,375 2696 125 383 117	SZ1A	EUROPE	*R3THA *R2AHS	Czech Republic 254,200 494 52 169 27		District 13 123,900 449 51 89 0 25,543 174 40 49 0 49,152 270 41 55 0 *N6RVI 23,436 205 28 35 0 11,895 95 33 32 0	
Hungary	4,608,336 2951 120 375 157 4,359,856 2625 128 406 154	HG1S HG7T	7,858,188 4765 124 396 182 7,670,016 4271 140 436 192 7,492,513 4667 122 398 171 5,470,413 3507 121 384 164 4,899,756 3196 120 384 165 3,485,493 2805 104 318 139 3,410,778 2599 105 309 148 3,358,474 2773 115 337 122 2,920,840 2453 104 330 114 1,833,858 2008 75 237 130 1,741,730 1503 101 312 102 768,708 1143 61 180 85	*OH2EUU *OH3EPZ OH8EUN/ORP		England 61,299 238 29 99 11 27,170 95 34 64 32		District 14 123,900 449 51 89 0 25,543 174 40 49 0 49,152 270 41 55 0 *N6RVI 23,436 205 28 35 0 11,895 95 33 32 0
Iceland	503,295 1204 35 109 51	TF3W	SOUTH AMERICA	*RN4CA *R7NZ	Germany 48,496 230 29 75 8 2,960 39 9 24 4 -6 1 1 1 1		District 15 123,900 449 51 89 0 25,543 174 40 49 0 49,152 270 41 55 0 *N6RVI 23,436 205 28 35 0 11,895 95 33 32 0	
Italy	6,762,744 3408 138 449 199 5,224,422 2842 129 426 187 2,543,038 1886 108 328 130 809,514 1162 63 214 65 451,278 533 83 214 69 2,167,083 1713 104 320 127 551,525 860 68 221 36	I4DZ IQ1RY IZ2KXC IQ3UD IV3/YT3H *IQ3RK *IUTGNA	CB1H	UNITED STATES	*DO2MRC *DO4JMP/P *DK6FC/P	Greece 27,920 157 22 48 10		District 16 123,900 449 51 89 0 25,543 174 40 49 0 49,152 270 41 55 0 *N6RVI 23,436 205 28 35 0 11,895 95 33 32 0
Liechtenstein	55,535 185 32 84 29	HBØA	6,108,752 4064 120 365 203 2,616,610 2321 91 269 170 2,354,634 2320 98 219 197 3,116 39 9 19 13	*SV8LMO	Ireland 3,780 54 8 19 9		District 17 123,900 449 51 89 0 25,543 174 40 49 0 49,152 270 41 55 0 *N6RVI 23,436 205 28 35 0 11,895 95 33 32 0	
Luxembourg	1,093,824 1190 85 252 85	*LX1ER	NORTH AMERICA	NR4M W4AAW K3EST/6 W1AW	IU4CHE IU4DEG *IU3BSY *IU4DTSV *IU3BPW *IU4FIR *IU3BRB		District 18 123,900 449 51 89 0 25,543 174 40 49 0 49,152 270 41 55 0 *N6RVI 23,436 205 28 35 0 11,895 95 33 32 0	
Macedonia	868,968 1332 72 206 46	*Z37V	AFRICA	VE5RI CR3W	Italy 763,800 920 73 169 93 1,064 24 13 21 4 137,922 341 44 104 33 36,580 155 28 74 16 10,336 76 20 35 13 7,897 68 11 28 14 6,956 87 8 34 5		United States-District 9 434,784 984 65 159 0 293,196 694 60 152 0 90,882 340 24 75 0	



