

# S&P for DXer's Sphere of Life

OHDXF & CCF Cruise

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# S&P

- Searching and pouncing
- Contester term

DXers seen by a for-now contester,  
a wannabe DXer

# Top DXer

- The people who have the biggest DXCC counts across all bands
- Today we have the DX Marathon

# Sphere of Life

- Who are the DXers
- DXer Equipment
- DXer QTHs
- People around the DXer
- Comparing to contesting
- The new DXers and their future

# The top 15 DX Marathon Finns

- OH1XX 3024
- OH2BU 3023
- OH3SR 3008
- OH3YI 2985
- OH1MA 2975
- OH2EE 2915
- OH8KN 2895
- OH5WW 2848
- OH3BU 2833
- OH5KW 2828
- OH8SR 2818
- OH5VX 2783
- OH8OR 2766
- OH2BR 2764
- OH9RJ 2747
- OH7OK 2747

# Top RTTY DXers

- OH2LU 339
  - OH3SR 338
  - OH2BU 337
  - OH2DW 336
  - OH4NS 332
  - OH5VX 325
  - OH3TY 318
  - OH7MN 316
  - OH1MA 308
- Some are specializing on RTTY
  - Many are on the CW/SSB marathon as well

# Top DXer Equipment

- Many have single boom multi band yagis
  - OH1XX, OH5VX, OH3BU
- Tower heights typically 20-36 m
- Many do not have a yagi for 40
- Not even for WARC
- Only OH1MA has a stack for WARC
  - Jaska is the only one having ever built an 80m yagi
  - OH1MA won SAC back then, constantly in top 3

# RX antennas

- All top 15 use receiving antennas on low bands
- Beverages of various kinds
  - Expedition specific installations
- 4 and 8 whip arrays
  - HiZ (<http://www.hizantennas.com/Hi-Z%204%20Element%20manual%20v1.0%20HI-Z%20AMP%20APPEND.pdf>)



# QTH

- Most have a specific QTH for low bands
  - At least receiving remote in Southern Finland
- Some have bought a second home for DXing and then started finding other uses to the QTH
- Some have their main QTHs in a city, like Kotka or Espoo

# People around the DXer

- If there is a DX, the DXer is there or gets there
- Some times a DXer has simply left his workplace just for the DX
  - Some DXers told me they regret they stayed an extra minute at the work and that there was so much traffic driving home.  
Only to find out DX had just gone QRT !
- Around the most active DXers,  
the DX drives the Sphere of Life

# Comparing DXer life to Contesting

- The station has to be there on all bands at all times
- The operator has to be there
- Contesting reserves only maybe 6 weeks per year
- Contesters can relax until a week before the contest
  - Only during the contest, nothing else matters
- In case of station improvements, both plan their improving activities carefully

# Some DXers Contest

- OH1MA is very successful in international contesting with many record breaking operations
  - Mainly EA8
  - Very successful in SAC from Finland
- OH3BU is successful in Less Congested Categories
  - Jari says he maximises success by minimising competition = category selection
- OH2BU is successful in Finnish domestic contests
- Others have been active earlier, like OH3YI
  - Ossi focused his contesting to WAE

# The Future of the New DXers

- Future build up by looking at history
  - Development of the current top Dxers
- Who are at least some of the future top Dxers
- Ways to accelerate the new DXer development

3 cycles ago

# 01/1980 – 12/1980 on 160 and 10

01/1980											
1.8F		1.8CW		3.5F		3.5CW		28F		28CW	
OH2BO	38	OH2BO	62	OH1XX	228	OH1XX	164	OH5NW	287	OH2BAD	211
OH3VV	35	OH1SJ	46	OH3YI	219	OH1VQ	137	OH2BAD	256	OH3YI	197
OH5NG	35	OH5NG	46	OH1TY	206	OH1YV	134	OH3SR	248	OH3NY	191
OH3FK	28	OH1MA	43	OH1IW	191	OH5UX	125	OH3YI	244	OH3XT	186
OH1MA	26	OH3VV	43	OH1RU	187	OH7RF	124	OH1BR	230	OH1VR	183
OH2BM	24	OH3XZ	38	OH5NW	181	OH2BCI	113	OH1VR	218	OH3RU	181

OH1XX NEW

OH3SR GETS 25  
OH2BOZ NEW

OH3XZ GETS 9

OH3YI & OH3XT  
GET 22

12/1980											
1.8F											
OH2BO	38	1.8CW		3.5F		3.5CW		28F		28CW	
OH3VV	35	OH2BO	62	OH1XX	237	OH1XX	174	OH5NW	289	OH2BAD	220
OH5NG	35	OH5NG	50	OH3YI	227	OH7RF	140	OH3SR	273	OH3YI	219
OH3FK	28	OH1MA	48	OH1TY	210	OH1VQ	137	OH3YI	263	OH3XT	208
OH1MA	27	OH1SJ	47	OH1IW	191	OH3YI	135	OH2BAD	260	OH3RU	206
OH1XX	24	OH3XZ	47	OH1RU	187	OH2YV	134	OH2BOZ	255	OH6FJ	203
OH2BM	24										

# 12/1980 – 01/1982 (14 months)

12/1980											
1.8F											
OH2BO	38	1.8CW		3.5F		3.5CW		28F		28CW	
OH3VV	35	OH2BO	62	OH1XX	237	OH1XX	174	OH5NW	289	OH2BAD	220
OH5NG	35	OH5NG	50	OH3YI	227	OH7RF	140	OH3SR	273	OH3YI	219
OH3FK	28	OH1MA	48	OH1TY	210	OH1VQ	137	OH3YI	263	OH3XT	208
OH1MA	27	OH1SJ	47	OH1IW	191	OH3YI	135	OH2BAD	260	OH3RU	206
OH1XX	24	OH3XZ	47	OH1RU	187	OH2YV	134	OH2BOZ	255	OH6FJ	203
OH2BM	24										

**OH1XX +9**

**OH1XX NEW  
OH1MA +10**

**OH2BOZ +16**

**LIST RENEWAL  
OH7RF +41  
OH1XX +51  
OH2BAD +6**

01/1982											
1.8F											
OH5NG	40	1.8CW		3.5F		3.5CW		28F		28CW	
OH2BO	37	OH2BO	63	OH1XX	243	OH1XX	189	OH5NW	282	OH7RF	238
OH3VV	37	OH1MA	58	OH3YI	232	OH7RF	156	OH3SR	277	OH2BAD	236
OH1XX	35	OH1XX	53	OH1TY	209	OH3YI	149	OH2BOZ	271	OH1XX	235
OH1MA	30	OH5NG	53	OH7OK	196	OH6FJ	144	OH3YI	271	OH3YI	235
OH3FK	28	OH3XZ	51	OH7RF	197	OH5PT	137	OH2BAD	261	OH3XT	228





# 12/1983 – 12/1990 (7 years)

12/1983											
1.8F		1.8CW		3.5 F		3.5CW		28F		28CW	
OH1XX	58	OH1XX	80	OH1XX	249	OH1XX	211	OH3SR	288	OH3YI	253
OH3VV	57	OH1MA	77	OH3YI	241	OH3YI	178	OH2BOZ	283	OH1XX	251
OH5NQ	55	OH2BO	70	OH7RF	210	OH7RF	175	OH5NW	282	OH7RF	251
OH1MA	51	OH5NG	64	OH1TY	209	OH6FJ	167	OH3YI	279	OH6RC	244
OH5NG	49	OH3VV	60	OH7OK	208	OH5PT	153	OH1XX	272	OH2BAD	239
				..							
				OH3SR	172						

**OH1XX +89 / +119**  
**OH3VV +97 / +64**  
**OH1MA +49 / +72**  
**OH3SR NEW**  
**OH2BU NEW**

**OH3SR +24 / -**  
**OH3YI +31 / +38**  
**OH2BOZ +24 / -**  
**OH1XX +33 / +48**

**10 MHz NEW**

12/1990													
1.8F		1.8CW		3.5 F		3.5CW		28F		28CW		10CW	
OH1XX	147	OH1XX	199	OH1XX	303	OH1XX	281	OH3SR	312	OH1XX	299	OH3JF	138
OH3VV	104	OH1MA	149	OH3YI	294	OH2BU	252	OH3YI	310	OH3YI	295	OH1TN	135
OH1MA	100	OH1VX	143	OH7OK	279	OH3YI	250	OH2BOZ	307	OH2BU	294	OH1XX	132
OH3SR	94	OH2VY	136	OH2BU	276	OH2BVM	212	OH1XX	305	OH6RC	283	OH2BGG	122
OH5NQ	85	OH3VV	124	OH5NW	273	OH7OK	205	OH2EE	303	OH2BAD	278	OH3SR	122
		OH2BU	109	OH3SR	271					OH3JF	275		
										..			
										OH3ES	267		

# 12/1990 – 01/2002 (11 years)

12/1990													
1.8F		1.8CW		3.5 F		3.5CW		28F		28CW		10CW	
OH1XX	147	OH1XX	199	OH1XX	303	OH1XX	281	OH3SR	312	OH1XX	299	OH3JF	138
OH3VV	104	OH1MA	149	OH3YI	294	OH2BU	252	OH3YI	310	OH3YI	295	OH1TN	135
OH1MA	100	OH1VX	143	OH7OK	279	OH3YI	250	OH2BOZ	307	OH2BU	294	OH1XX	132
OH3SR	94	OH2VY	136	OH2BU	276	OH2BVM	212	OH1XX	305	OH6RC	283	OH2BGG	122
OH5NQ	85	OH3VV	124	OH5NW	273	OH7OK	205	OH2EE	303	OH2BAD	278	OH3SR	122
		OH2BU	109	OH3SR	271					OH3JF	275		
										..			
										OH3ES	267		

Marathon started				
01/2002	160	80	10	Sum
1 OH1XX	282	326	332	2919
2 OH3SR	230	319	332	2856
3 OH2BU	246	320	329	2850
4 OH3ES	244	307	326	2847
5 OH3YI	227	325	330	2841
6 OH1MA	244	314	312	2747
7 OH8KN	203	296	314	2722
8 OH8SR	187	281	319	2692
9 OH7OK	79	317	324	2680
10 OH2QV	126	261	325	2678
11 OH5WW	154	268	320	2613
12 OH2EA	111	266	316	2603
13 OH7KB	86	281	316	2595
14 OH5VX	128	245	309	2584
15 OH3TM	87	250	316	2551

	<b>160</b>	<b>80</b>	<b>10</b>
<b>OH1XX</b>	<b>+80</b>	<b>+20</b>	<b>+30</b>
<b>OH3SR</b>	<b>+130</b>	<b>+50</b>	<b>+18</b>
<b>OH2BU</b>	<b>+130</b>	<b>+40</b>	<b>+29</b>
<b>OH3YI</b>	<b>NEW</b>	<b>+30</b>	<b>+35</b>
<b>OH1MA</b>	<b>+90</b>	<b>BACK</b>	<b>BACK</b>
<b>OH8KN</b>	<b>NEW</b>	<b>NEW</b>	<b>NEW</b>

**NEW STATIONS CAN CLIMB TO TOP 15 IN A SUNSPOT CYCLE**

# 01/2002 – 01/2013 (11 years)

Marathon started					
	01/2002	160	80	10	Sum
1	OH1XX	282	326	332	2919
2	OH3SR	230	319	332	2856
3	OH2BU	246	320	329	2850
4	OH3ES	244	307	326	2847
5	OH3YI	227	325	330	2841
6	OH1MA	244	314	312	2747
7	OH8KN	203	296	314	2722
8	OH8SR	187	281	319	2692
9	OH7OK	79	317	324	2680
10	OH2QV	126	261	325	2678
11	OH5WW	154	268	320	2613
12	OH2EA	111	266	316	2603
13	OH7KB	86	281	316	2595
14	OH5VX	128	245	309	2584
15	OH3TM	87	250	316	2551

	01/2013	160	80	10	Sum
1	OH1XX	315	339	338	3024
2	OH2BU	317	337	338	3023
3	OH3SR	300	336	338	3008
4	OH3YI	289	337	332	2985
5	OH1MA	295	336	327	2975
6	OH2EE	257	312	336	2915
7	OH8KN	245	321	323	2895
8	OH5WW	203	303	330	2848
9	OH3BU	264	293	305	2833
10	OH5KW	276	318	311	2828
11	OH8SR	217	299	327	2818
12	OH5VX	175	289	320	2783
13	OH8OR	188	298	318	2766
14	OH2BR	206	290	311	2764
15	OH9RJ	210	285	309	2747
16	OH7OK	112	321	327	2747
17	OH7KB	116	292	326	2741
18	OH3LYG	239	297	301	2704

**5 have entered DXer top 15**  
**OH1XX +105**      **OH2EE +?**  
**OH2BU +173**      **OH9RJ +349**  
 ...                      **OH2BR +371**  
**OH7OK +67**        **OH3BU +650**

**IT IS WELL POSSIBLE TO ENTER  
 TOP 15 DXERS GROUP FROM  
 LEVEL OF 2000 POINTS DURING  
 JUST ONE CYCLE**

# Who are the New DXers ?

Looking at Marathon operators at below 2000 points										
01/2013	Sum	160	80	40	30	20	17	15	12	10
OH4MFA	1942	223	159	226	131	282	217	270	190	244
OH2FT	1677	9	262	270	127	314	134	292	54	215
OH3CV	1626	16	121	171	93	331	186	314	126	268
OH7MN	1614	29	87	203	142	316	281	299	19	238
OH3KRH	1564	70	130	170	202	234	171	288	125	174
OH3NHF	1562		33	109	53	330	207	327	207	296
OH5C	1398	16	58	83	4	278	208	267	176	308
OH4KZM	1164	171	155	175	62	189	104	201	12	95
OH3GGQ	1117	11	82	150	130	199	173	182	73	117
OH2BAI	1089	17	85	162	120	248	136	168	79	74
OH2OA	1024		36	98	85	229	179	178	105	114
OH6GAZ	968	3	43	58	43	235	151	187	113	135
OH8LXT	941	1	14	49	32	247	148	237	95	118

# The Most Active Finns - 7O6T

1	<a href="#">OH2BU</a>	<a href="#">22</a>	<a href="#">21</a>	<a href="#">OH5RF</a>	<a href="#">16</a>	<a href="#">41</a>	<a href="#">OH6PA</a>	<a href="#">15</a>	<a href="#">61</a>	<a href="#">OH2EA</a>	<a href="#">12</a>	<a href="#">81</a>	<a href="#">OH7LXL</a>	<a href="#">11</a>
2	<a href="#">OH1MA</a>	<a href="#">21</a>	<a href="#">22</a>	<a href="#">OH7HD</a>	<a href="#">16</a>	<a href="#">42</a>	<a href="#">OH7KB</a>	<a href="#">14</a>	<a href="#">62</a>	<a href="#">OH2BAD</a>	<a href="#">12</a>	<a href="#">82</a>	<a href="#">OH6DX</a>	<a href="#">11</a>
3	<a href="#">OH5KW</a>	<a href="#">21</a>	<a href="#">23</a>	<a href="#">OH1LEU</a>	<a href="#">16</a>	<a href="#">43</a>	<a href="#">OH9RI</a>	<a href="#">14</a>	<a href="#">63</a>	<a href="#">OH1HM</a>	<a href="#">12</a>	<a href="#">83</a>	<a href="#">OH6VI</a>	<a href="#">11</a>
4	<a href="#">OH8OR</a>	<a href="#">20</a>	<a href="#">24</a>	<a href="#">OH2WI</a>	<a href="#">16</a>	<a href="#">44</a>	<a href="#">OH6KN</a>	<a href="#">14</a>	<a href="#">64</a>	<a href="#">OH1RX</a>	<a href="#">12</a>	<a href="#">84</a>	<a href="#">OH6ID</a>	<a href="#">11</a>
5	<a href="#">OH3SR</a>	<a href="#">20</a>	<a href="#">25</a>	<a href="#">OH7MM</a>	<a href="#">16</a>	<a href="#">45</a>	<a href="#">OH2BH</a>	<a href="#">14</a>	<a href="#">65</a>	<a href="#">OH7OK</a>	<a href="#">12</a>	<a href="#">85</a>	<a href="#">OH2CK</a>	<a href="#">11</a>
6	<a href="#">OH3JR</a>	<a href="#">20</a>	<a href="#">26</a>	<a href="#">OH3BU</a>	<a href="#">16</a>	<a href="#">46</a>	<a href="#">OH2TA</a>	<a href="#">14</a>	<a href="#">66</a>	<a href="#">OH1VR</a>	<a href="#">11</a>	<a href="#">86</a>	<a href="#">OH1SU</a>	<a href="#">11</a>
7	<a href="#">OH6MW</a>	<a href="#">20</a>	<a href="#">27</a>	<a href="#">OH2BGD</a>	<a href="#">16</a>	<a href="#">47</a>	<a href="#">OH2XX</a>	<a href="#">14</a>	<a href="#">67</a>	<a href="#">OH1LEG</a>	<a href="#">11</a>	<a href="#">87</a>	<a href="#">OH8LQ</a>	<a href="#">10</a>
8	<a href="#">OH1XT</a>	<a href="#">20</a>	<a href="#">28</a>	<a href="#">OH6JD</a>	<a href="#">16</a>	<a href="#">48</a>	<a href="#">OG2M</a>	<a href="#">14</a>	<a href="#">68</a>	<a href="#">OH1CH</a>	<a href="#">11</a>	<a href="#">88</a>	<a href="#">OH7HXH</a>	<a href="#">10</a>
9	<a href="#">OH9MDV</a>	<a href="#">19</a>	<a href="#">29</a>	<a href="#">OH3NDH</a>	<a href="#">16</a>	<a href="#">49</a>	<a href="#">OH2BPU</a>	<a href="#">14</a>	<a href="#">69</a>	<a href="#">OH1QJ</a>	<a href="#">11</a>	<a href="#">89</a>	<a href="#">OH7MKR</a>	<a href="#">10</a>
10	<a href="#">OH2BV</a>	<a href="#">19</a>	<a href="#">30</a>	<a href="#">OH2ZZ</a>	<a href="#">16</a>	<a href="#">50</a>	<a href="#">OH5NZ</a>	<a href="#">14</a>	<a href="#">70</a>	<a href="#">OH6CT</a>	<a href="#">11</a>	<a href="#">90</a>	<a href="#">OH3UO</a>	<a href="#">10</a>
11	<a href="#">OH1ND</a>	<a href="#">19</a>	<a href="#">31</a>	<a href="#">OH2BEN</a>	<a href="#">15</a>	<a href="#">51</a>	<a href="#">OH2EE</a>	<a href="#">14</a>	<a href="#">71</a>	<a href="#">OH9TH</a>	<a href="#">11</a>	<a href="#">91</a>	<a href="#">OH3NHF</a>	<a href="#">10</a>
12	<a href="#">OH3XR</a>	<a href="#">19</a>	<a href="#">32</a>	<a href="#">OH2BR</a>	<a href="#">15</a>	<a href="#">52</a>	<a href="#">OH8KN</a>	<a href="#">14</a>	<a href="#">72</a>	<a href="#">OH6OS</a>	<a href="#">11</a>	<a href="#">92</a>	<a href="#">OH9AR</a>	<a href="#">10</a>
13	<a href="#">OH5BM</a>	<a href="#">18</a>	<a href="#">33</a>	<a href="#">OH6WW</a>	<a href="#">15</a>	<a href="#">53</a>	<a href="#">OH7XI</a>	<a href="#">13</a>	<a href="#">73</a>	<a href="#">OH9RJ</a>	<a href="#">11</a>	<a href="#">93</a>	<a href="#">OH5KT</a>	<a href="#">10</a>
14	<a href="#">OH6NIO</a>	<a href="#">18</a>	<a href="#">34</a>	<a href="#">OH9SQ</a>	<a href="#">15</a>	<a href="#">54</a>	<a href="#">OG6N</a>	<a href="#">13</a>	<a href="#">74</a>	<a href="#">OH6QU</a>	<a href="#">11</a>	<a href="#">94</a>	<a href="#">OH8HZT</a>	<a href="#">10</a>
15	<a href="#">OH3YI</a>	<a href="#">17</a>	<a href="#">35</a>	<a href="#">OH1TV</a>	<a href="#">15</a>	<a href="#">55</a>	<a href="#">OH2BLD</a>	<a href="#">13</a>	<a href="#">75</a>	<a href="#">OH3YO</a>	<a href="#">11</a>	<a href="#">95</a>	<a href="#">OH7NO</a>	<a href="#">10</a>
16	<a href="#">OH1XX</a>	<a href="#">17</a>	<a href="#">36</a>	<a href="#">OH4NS</a>	<a href="#">15</a>	<a href="#">56</a>	<a href="#">OH5NE</a>	<a href="#">13</a>	<a href="#">76</a>	<a href="#">OH2TM</a>	<a href="#">11</a>	<a href="#">96</a>	<a href="#">OH4BNP</a>	<a href="#">10</a>
17	<a href="#">OH4KBC</a>	<a href="#">17</a>	<a href="#">37</a>	<a href="#">OH2BO</a>	<a href="#">15</a>	<a href="#">57</a>	<a href="#">OH1TIN</a>	<a href="#">13</a>	<a href="#">77</a>	<a href="#">OH2AUK</a>	<a href="#">11</a>	<a href="#">97</a>	<a href="#">OH3OJ</a>	<a href="#">10</a>
18	<a href="#">OH7UE</a>	<a href="#">17</a>	<a href="#">38</a>	<a href="#">OH1O</a>	<a href="#">15</a>	<a href="#">58</a>	<a href="#">OH5XX</a>	<a href="#">12</a>	<a href="#">78</a>	<a href="#">OH1UM</a>	<a href="#">11</a>	<a href="#">98</a>	<a href="#">OH5XO</a>	<a href="#">10</a>
19	<a href="#">OH2RI</a>	<a href="#">17</a>	<a href="#">39</a>	<a href="#">OH5WW</a>	<a href="#">15</a>	<a href="#">59</a>	<a href="#">OH7MP</a>	<a href="#">12</a>	<a href="#">79</a>	<a href="#">OH5LP</a>	<a href="#">11</a>	<a href="#">99</a>	<a href="#">OH7RJ</a>	<a href="#">10</a>
20	<a href="#">OH8SR</a>	<a href="#">16</a>	<a href="#">40</a>	<a href="#">OH8US</a>	<a href="#">15</a>	<a href="#">60</a>	<a href="#">OH1MAU</a>	<a href="#">12</a>	<a href="#">80</a>	<a href="#">OH2BPI</a>	<a href="#">11</a>	<a href="#">100</a>	<a href="#">OH4MDY</a>	<a href="#">10</a>

From top15:

OH2BU 22  
 OH1MA 21  
 OH5KW 21  
 OH3SR 20  
 OH3YI 17  
 OH1XX 17  
 OH8SR 16  
 OH3BU 16  
 OH5WW 15  
 OH8KN 14

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10 OF TOP 15  
 ARE ON LIST

ONLY TWO  
 NEW CALLS:  
 OH7HXH  
 OH8HZT

# Comparing to Swedish - 706T

1	<a href="#">SM5CEU</a>	<a href="#">22</a>	<a href="#">21</a>	<a href="#">SM2SUM</a>	<a href="#">16</a>	<a href="#">41</a>	<a href="#">SM5F</a>	<a href="#">13</a>	<a href="#">61</a>	<a href="#">SL0ZG</a>	<a href="#">10</a>	<a href="#">81</a>	<a href="#">SM5ACQ</a>	<a href="#">9</a>
2	<a href="#">SM4OTI</a>	<a href="#">21</a>	<a href="#">22</a>	<a href="#">SM1TDE</a>	<a href="#">16</a>	<a href="#">42</a>	<a href="#">SM5CBM</a>	<a href="#">13</a>	<a href="#">62</a>	<a href="#">SA3ANZ</a>	<a href="#">10</a>	<a href="#">82</a>	<a href="#">SM3FVW</a>	<a href="#">9</a>
3	<a href="#">SM0MDG</a>	<a href="#">21</a>	<a href="#">23</a>	<a href="#">SK3PY</a>	<a href="#">16</a>	<a href="#">43</a>	<a href="#">SM6CTQ</a>	<a href="#">13</a>	<a href="#">63</a>	<a href="#">SM0BSB</a>	<a href="#">10</a>	<a href="#">83</a>	<a href="#">SM7ALC</a>	<a href="#">9</a>
4	<a href="#">SM5CRV</a>	<a href="#">20</a>	<a href="#">24</a>	<a href="#">SC3DX</a>	<a href="#">16</a>	<a href="#">44</a>	<a href="#">SK4BX</a>	<a href="#">13</a>	<a href="#">64</a>	<a href="#">SM5LNE</a>	<a href="#">10</a>	<a href="#">84</a>	<a href="#">SM7CFZ</a>	<a href="#">9</a>
5	<a href="#">SM6CCO</a>	<a href="#">20</a>	<a href="#">25</a>	<a href="#">SM0W</a>	<a href="#">15</a>	<a href="#">45</a>	<a href="#">SM3VAC</a>	<a href="#">12</a>	<a href="#">65</a>	<a href="#">SM3CXS</a>	<a href="#">10</a>	<a href="#">85</a>	<a href="#">SM0OGQ</a>	<a href="#">9</a>
6	<a href="#">SM5AQD</a>	<a href="#">19</a>	<a href="#">26</a>	<a href="#">SM3PHM</a>	<a href="#">15</a>	<a href="#">46</a>	<a href="#">SK3BG</a>	<a href="#">12</a>	<a href="#">66</a>	<a href="#">SM3LGO</a>	<a href="#">10</a>	<a href="#">86</a>	<a href="#">SK6HD</a>	<a href="#">9</a>
7	<a href="#">SM6NOC</a>	<a href="#">19</a>	<a href="#">27</a>	<a href="#">SM5CZQ</a>	<a href="#">15</a>	<a href="#">47</a>	<a href="#">SM0DTK</a>	<a href="#">12</a>	<a href="#">67</a>	<a href="#">SM5BMB</a>	<a href="#">10</a>	<a href="#">87</a>	<a href="#">SM6JCC</a>	<a href="#">9</a>
8	<a href="#">SM4EMO</a>	<a href="#">19</a>	<a href="#">28</a>	<a href="#">SM5GMZ</a>	<a href="#">15</a>	<a href="#">48</a>	<a href="#">SM7GIB</a>	<a href="#">12</a>	<a href="#">68</a>	<a href="#">SM7HCW</a>	<a href="#">10</a>	<a href="#">88</a>	<a href="#">SM5AYY</a>	<a href="#">8</a>
9	<a href="#">SM0BRF</a>	<a href="#">19</a>	<a href="#">29</a>	<a href="#">SM3NXS</a>	<a href="#">15</a>	<a href="#">49</a>	<a href="#">SM2GCQ</a>	<a href="#">12</a>	<a href="#">69</a>	<a href="#">SM3CBR</a>	<a href="#">10</a>	<a href="#">89</a>	<a href="#">SM0MPV</a>	<a href="#">8</a>
10	<a href="#">SM2LIY</a>	<a href="#">18</a>	<a href="#">30</a>	<a href="#">SM3GSK</a>	<a href="#">15</a>	<a href="#">50</a>	<a href="#">SM7CMC</a>	<a href="#">12</a>	<a href="#">70</a>	<a href="#">SM7CFR</a>	<a href="#">10</a>	<a href="#">90</a>	<a href="#">SM7LPY</a>	<a href="#">8</a>
11	<a href="#">SM6BGG</a>	<a href="#">18</a>	<a href="#">31</a>	<a href="#">SM6CMU</a>	<a href="#">15</a>	<a href="#">51</a>	<a href="#">SM6CVX</a>	<a href="#">11</a>	<a href="#">71</a>	<a href="#">SM5YMT</a>	<a href="#">10</a>	<a href="#">91</a>	<a href="#">SM5DKJ</a>	<a href="#">8</a>
12	<a href="#">SM3NRY</a>	<a href="#">18</a>	<a href="#">32</a>	<a href="#">SM1ALH</a>	<a href="#">14</a>	<a href="#">52</a>	<a href="#">SM6CKU</a>	<a href="#">11</a>	<a href="#">72</a>	<a href="#">SM5SWA</a>	<a href="#">10</a>	<a href="#">92</a>	<a href="#">SM3OKC</a>	<a href="#">8</a>
13	<a href="#">SM5DJZ</a>	<a href="#">18</a>	<a href="#">33</a>	<a href="#">SM3DTR</a>	<a href="#">14</a>	<a href="#">53</a>	<a href="#">SM0NZY</a>	<a href="#">11</a>	<a href="#">73</a>	<a href="#">SA5ACR</a>	<a href="#">10</a>	<a href="#">93</a>	<a href="#">SK3W</a>	<a href="#">8</a>
14	<a href="#">SM7DLK</a>	<a href="#">18</a>	<a href="#">34</a>	<a href="#">SK2AT</a>	<a href="#">14</a>	<a href="#">54</a>	<a href="#">SM7TE</a>	<a href="#">11</a>	<a href="#">74</a>	<a href="#">SM6XKB</a>	<a href="#">10</a>	<a href="#">94</a>	<a href="#">SI4A</a>	<a href="#">8</a>
15	<a href="#">SM4DHF</a>	<a href="#">18</a>	<a href="#">35</a>	<a href="#">SM2EKM</a>	<a href="#">14</a>	<a href="#">55</a>	<a href="#">SM6HRR</a>	<a href="#">11</a>	<a href="#">75</a>	<a href="#">SM0BYD</a>	<a href="#">9</a>	<a href="#">95</a>	<a href="#">SK3GM</a>	<a href="#">8</a>
16	<a href="#">SM0DDK</a>	<a href="#">17</a>	<a href="#">36</a>	<a href="#">SM4FZW</a>	<a href="#">14</a>	<a href="#">56</a>	<a href="#">SM5IMO</a>	<a href="#">11</a>	<a href="#">76</a>	<a href="#">SM4RGD</a>	<a href="#">9</a>	<a href="#">96</a>	<a href="#">SM3TLG</a>	<a href="#">8</a>
17	<a href="#">SM5API</a>	<a href="#">17</a>	<a href="#">37</a>	<a href="#">SJ2W</a>	<a href="#">13</a>	<a href="#">57</a>	<a href="#">SM2EJE</a>	<a href="#">11</a>	<a href="#">77</a>	<a href="#">SM1CJV</a>	<a href="#">9</a>	<a href="#">97</a>	<a href="#">SM4ONW</a>	<a href="#">8</a>
18	<a href="#">SM6MCW</a>	<a href="#">17</a>	<a href="#">38</a>	<a href="#">SM2OAN</a>	<a href="#">13</a>	<a href="#">58</a>	<a href="#">SK7AX</a>	<a href="#">11</a>	<a href="#">78</a>	<a href="#">SM0NJO</a>	<a href="#">9</a>	<a href="#">98</a>	<a href="#">SM6TOL</a>	<a href="#">8</a>
19	<a href="#">SM7GVF</a>	<a href="#">16</a>	<a href="#">39</a>	<a href="#">SM0ACF</a>	<a href="#">13</a>	<a href="#">59</a>	<a href="#">SM4MI</a>	<a href="#">10</a>	<a href="#">79</a>	<a href="#">SM5BFJ</a>	<a href="#">9</a>	<a href="#">99</a>	<a href="#">SM5CCE</a>	<a href="#">8</a>
20	<a href="#">SM3EVR</a>	<a href="#">16</a>	<a href="#">40</a>	<a href="#">SM3CCM</a>	<a href="#">13</a>	<a href="#">60</a>	<a href="#">SM0AJU</a>	<a href="#">10</a>	<a href="#">80</a>	<a href="#">SM5DFE</a>	<a href="#">9</a>	<a href="#">100</a>	<a href="#">SM5BHW</a>	<a href="#">8</a>

Finns have  
8 stations  
logging at  
least 20 QSOs

Swedes  
have 5

Finns have  
41 Stations  
logging at  
least 15 QSOs

Swedes  
Have 31

There is  
even more  
room for  
newcomers

# The Most Wanted Countries

List on K8CX - <http://hamgallery.com/countries/>

17 of top 30 have become less needed.  
17 have become more needed.

**It is a Sphere !**

# The New DXers Sphere (>2000 points)

- They may enter DXers top 15 in the next cycle
- They must be able to log more than the others
- They can log 150 points per year or more until they reach 2400 or 2500 points
- After 2500 points they can log maybe 100 points, then less and less per year
- A lot of efforts and investments ahead
- After 2600 points the investment need increases
  - Time and some money



# New DXers need

- Better antennas than the people above them
  - 160 + 80 RX
  - 10 & 12 yagis
  - Other bands just come into log when pushing for the edge bands QSOs
- More time than the people above them
- Less QRM from the people above them
  - If the band point is already secured, give way for the new ones to get their points

# If we want more DXers

- We can market DXing
  - Collecting the status of band points on 80 as earlier
  - DX forums
  - Building DX stories at club meetings
  - Simply encouraging the young

# The People on Cruise

- Not many new DXers
- They are likely at home searching for the DX
- Everybody, have a Fun Cruise