

## 2019 ARRL RTTY Roundup - Line Scores DX

Results are grouped by Continent, then by DX Country/Entity name.

Within each country/entity, results are sorted by entry category, then by score in descending order.

Each result row includes Call, Operator(s) and/or Host, Operating Category, Final Score, QSOs, and Multipliers.

### Operating Category:

MSHP = Multioperator, Single Transmitter, High Power

MSLP = Multioperator, Single Transmitter, Low Power

SOHP = Single Operator, High Power

SOLP = Single Operator, Low Power

SOUHP = Single Operator Unlimited, High Power

SOULP = Single Operator Unlimited, Low Power

Call	Category	Score	QSOs	Mults	80	40	20	15	10	Operator(s) and/or Host
<b>Africa</b>										
<b>Canary Islands</b>										
EA8PT	SOLP	21,978	304	74	1	116	187	0	0	
EA8AQV	SOULP	14,552	217	68	0	99	92	26	0	
<b>Cape Verde</b>										
D41CV (IK2NCJ, op)	SOULP	10,560	184	60	0	50	58	76	0	
<b>Gabon</b>										
TR8CA	SOUHP	5,535	125	45	0	54	54	17	0	
<b>Namibia</b>										
V51MA	SOULP	285	20	15	0	0	20	0	0	
<b>Sierra Leone</b>										
9L1YXJ	SOULP	9,150	150	61	0	10	140	0	0	
<b>Asia</b>										
<b>Asiatic Russia</b>										
UAØSR	SOHP	18,036	339	54	3	134	200	2	0	
RUØLL	SOLP	3,807	147	27	0	38	106	3	0	
RAØWHE	SOLP	2,262	79	29	0	0	79	0	0	
R9CB	SOHP	858	40	22	2	38	0	0	0	
UA9AJK	SOULP	11,150	228	50	99	94	35	0	0	
UA9LT	SOUHP	7,567	167	47	0	129	37	1	0	
UF8T	SOULP	6,384	155	42	0	69	86	0	0	
RA9H	SOULP	4,862	151	34	3	50	96	1	1	
R9SN	SOULP	4,033	109	37	0	0	109	0	0	
R9LAU	SOULP	3,850	118	35	0	38	80	0	0	
UB9HDS	SOULP	1,656	75	24	0	5	67	2	1	
UA9HO	SOULP	119	20	7	2	3	15	0	0	
RY9C	MSHP	2,600	111	25	7	103	0	1	0	(Ops: RA9DF, RW9CF)
<b>Bahrain</b>										
A92AA	SOULP	3,008	95	32	0	43	52	0	0	
<b>China</b>										
BD7IIS	SOULP	10,076	233	44	2	91	140	0	0	
BD7OXR	SOULP	8,384	264	32	1	137	114	12	0	
BD3PXM	SOULP	3,500	131	28	0	94	37	0	0	
BI1EIH	SOULP	2,700	116	25	0	79	37	0	0	
BD7LMA	SOULP	2,010	140	15	0	54	86	0	0	
BH7MVY	SOULP	1,880	96	20	0	20	73	3	0	
BA1PK	SOULP	1,768	76	26	1	52	23	0	0	
BH6KWC	SOULP	1,740	62	29	0	0	59	3	0	

BI4SDT	SOULP	1,712	109	16	1	40	66	2	0	
BD6IF	SOULP	1,534	126	13	0	52	74	0	0	
BH7JFR	SOULP	1,504	98	16	0	49	46	3	0	
BD2CO	SOULP	1,320	95	15	0	66	29	0	0	
BD7KZS	SOULP	1,157	93	13	0	32	59	2	0	
BG4CSP	SOULP	1,078	78	14	0	37	41	0	0	
BD6CR	SOULP	924	89	11	0	50	39	0	0	
BD8SN	SOULP	896	65	14	0	25	40	0	0	
BA9BF	SOULP	798	64	14	0	64	0	0	0	
BD7JNA	SOULP	682	66	11	0	36	30	0	0	
BG4XTA	SOULP	532	38	14	0	35	3	0	0	
BG4JO	SOULP	451	42	11	1	38	3	0	0	
BH4LLP	SOULP	427	65	7	0	15	50	0	0	
BH4QBV	SOULP	420	60	7	0	11	46	3	0	
BG2JET	SOULP	396	50	9	0	9	40	1	0	
BD5BPA	SOULP	348	60	6	0	1	53	6	0	
BDØEI	SOULP	255	23	15	0	0	23	0	0	
BG2UTJ	SOULP	192	32	6	0	19	13	0	0	
BG7TPJ	SOULP	192	26	8	0	9	17	0	0	
BH4SPN	SOULP	136	18	8	0	0	18	0	0	
BG6QBT	SOULP	50	10	5	0	0	10	0	0	
BG3UTD	SOULP	35	7	5	0	0	7	0	0	
BI4WRI	SOULP	32	8	4	0	0	8	0	0	
BH9BJI	SOULP	20	7	5	0	0	7	0	0	
BG6TTI	SOULP	9	3	3	0	0	3	0	0	
BH1VAS	SOULP	4	2	2	0	1	1	0	0	
<b>Cyprus</b>										
H2X (5B4ALX, op)	SOLP	11,457	207	57	18	129	60	0	0	
<b>Hong Kong</b>										
VR2CC	MSHP	17,100	383	45	0	180	194	9	0	(Ops: VR2XMT, VR2XYL)
<b>India</b>										
VU2DED	SOULP	16,165	308	53	6	190	111	1	0	
VU2IBI	SOUHP	946	47	22	0	14	33	0	0	
VU2AE	SOULP	140	15	10	0	10	5	0	0	
VU2KWJ	SOULP	99	12	9	0	12	0	0	0	
<b>Japan</b>										
JF1OPL	SOHP	22,265	310	73	0	79	215	13	3	
JA7ACM	SOHP	19,516	291	68	0	116	174	1	0	
JA1BJI	SOLP	11,289	216	53	3	70	124	14	5	
JM7OLW	SOHP	9,690	192	51	0	28	162	2	0	
JG2REJ	SOHP	8,910	166	54	1	51	111	3	0	
JG4AKL	SOHP	8,694	166	54	2	69	91	3	1	
7N2UQC	SOLP	8,575	175	49	2	43	115	12	3	
JA1AYO	SOHP	8,162	158	53	0	38	116	4	0	
JH1RFM	SOHP	7,950	151	53	0	30	120	1	0	
JR1EMO	SOLP	4,730	112	43	0	14	92	6	0	
JA2HYD	SOHP	3,861	99	39	1	24	73	1	0	
JH3SIF	SOLP	3,612	90	42	0	0	90	0	0	
8J75RS (JH7IMX, op)	SOLP	2,992	92	34	7	17	63	5	0	
JA3HBF	SOHP	2,880	84	36	6	20	58	0	0	
JH2BTM	SOHP	2,808	78	36	0	11	65	2	0	
JA1BWA	SOLP	2,409	75	33	0	18	48	6	3	
JH1KYA	SOLP	1,170	45	26	0	6	39	0	0	
JA2JNC/1	SOLP	1,062	59	18	0	16	43	0	0	
JH9CEN	SOLP	1,050	42	25	0	0	42	0	0	

JA2GHP	SOLP	936	36	26	0	0	32	4	0
JK1NSR	SOLP	612	35	18	0	0	35	0	0
JR1NKN	SOLP	570	38	15	0	0	33	5	0
JAØBJY	SOLP	500	27	20	0	0	27	0	0
JA2QVP	SOLP	468	36	13	0	7	26	3	0
JF1TEU	SOLP	442	28	17	0	0	28	0	0
JR1AQI	SOLP	351	27	13	0	0	23	4	0
JA3JM	SOLP	325	25	13	0	8	16	1	0
JA3MIB	SOLP	280	21	14	0	2	19	0	0
JR2MIN	SOLP	130	14	10	0	0	14	0	0
JS1NDM	SOHP	104	13	8	0	12	1	0	0
JA5NSR	SOLP	81	9	9	0	6	3	0	0
JK8PBO	SOLP	72	9	8	0	0	9	0	0
JRØDZH	SOLP	66	12	6	0	11	1	0	0
JK1HIY	SOLP	42	7	7	0	1	6	0	0
JA3RAZ	SOLP	12	4	3	0	0	0	4	0
JRØBUL	SOLP	6	3	3	0	0	3	0	0
JK1LUY	SOHP	4	2	2	0	0	2	0	0
JE1ILP	SOLP	1	2	1	0	0	0	2	0
JF3VAX	SOULP	16,131	292	57	0	120	165	7	0
JA1WSK	SOUHP	15,142	241	67	0	122	119	0	0
JM1NKT	SOULP	13,108	234	58	2	91	128	13	0
JH7RTQ	SOULP	12,078	188	66	0	0	173	15	0
JA6BZI	SOULP	11,648	185	64	0	82	100	3	0
JM1XCW	SOUHP	10,422	202	54	0	61	134	7	0
JA3QOS	SOUHP	10,044	198	54	0	119	77	2	0
JA1SJV	SOUHP	9,128	168	56	0	35	129	4	0
JA2AXB	SOUHP	6,713	140	49	0	39	99	2	0
JO3TAP	SOULP	6,072	150	44	0	124	26	0	0
JJ4WAO	SOUHP	5,850	139	45	0	47	91	1	0
JR4VEV	SOUHP	3,955	119	35	0	49	68	2	0
JE1BMJ	SOUHP	3,939	107	39	0	44	63	0	0
JA2XYO	SOUHP	3,762	121	33	0	8	113	0	0
JA1QOW	SOULP	3,626	101	37	0	0	98	3	0
JA2BQX	SOULP	3,608	87	44	0	0	87	0	0
JH1OAI	SOUHP	3,268	86	38	0	4	82	0	0
JA9CWJ	SOUHP	3,198	78	41	0	5	73	0	0
JA1WWO	SOUHP	2,829	75	41	0	0	74	1	0
JF2IWL	SOULP	2,759	91	31	0	25	63	3	0
JA1IAZ	SOULP	2,262	86	29	0	20	66	0	0
JA7DPC	SOULP	2,214	86	27	0	44	42	0	0
JA9LX	SOULP	2,136	94	24	0	38	49	7	0
JH5HDA	SOULP	2,040	105	20	0	47	58	0	0
7L4IOU	SOULP	1,680	86	21	2	47	28	9	0
JH1EEB	SOULP	1,550	67	25	0	0	67	0	0
JJ1SVY	SOULP	1,196	52	23	0	23	29	0	0
JR1BAS	SOUHP	1,175	49	25	1	35	11	2	0
JH2LMH	SOULP	1,134	44	27	0	14	28	2	0
JR3RIU	SOULP	1,026	62	18	0	0	62	0	0
JA7ZP	SOULP	984	43	24	2	12	28	1	0
JA1AZR	SOULP	885	60	15	0	22	35	3	0
JH3QFY	SOUHP	858	39	22	0	0	39	0	0
JJ3DKQ	SOULP	765	48	17	0	28	20	0	0
JR3GPP	SOULP	765	49	17	0	25	24	0	0
JA1CCH	SOULP	748	44	17	0	7	35	2	0



OD5YA	SOLP	792	33	24	0	33	0	0	0
<b>Qatar</b>									
A71AE	SOLP	528	35	16	0	35	0	0	0
<b>Republic of Korea</b>									
HL2CFY	SOLP	1,300	68	20	0	20	48	0	0
HL4CCM	SOULP	7,421	187	41	0	106	80	1	0
D9ØM (HL3AMO, op)	SOULP	2,530	118	22	0	54	64	0	0
HL1VAU	SOULP	1,496	93	17	0	61	32	0	0
HL1TKF	SOULP	616	60	11	0	60	0	0	0
HL4BPL	SOULP	238	37	7	0	3	30	4	0
HL4CEL	SOUHP	86	44	2	0	0	44	0	0
<b>Saudi Arabia</b>									
7Z1IS	SOULP	22,617	362	63	0	238	124	0	0
<b>Taiwan</b>									
BU2BO	SOLP	294	49	6	0	0	49	0	0
BU2EL	SOULP	42	15	3	0	0	15	0	0
<b>Thailand</b>									
E21YDP	SOLP	3,366	106	33	0	31	75	0	0
HS5SRH	SOUHP	12,784	272	47	0	132	135	5	0
<b>Turkey</b>									
TA3ON	SOLP	25,063	356	71	28	85	241	2	0
TA4PR	SOLP	1,488	49	31	0	0	49	0	0
TA4RC	SOULP	11,032	201	56	72	83	46	0	0
TA1MFR	SOULP	10,192	189	56	64	96	29	0	0
TA4SO	SOULP	6,888	171	41	80	34	57	0	0
YM1KE (TA1BX, op)	SOULP	1,587	70	23	0	0	70	0	0
TA7AGL	SOULP	805	36	23	0	36	0	0	0
TA1BX	SOULP	391	27	17	0	27	0	0	0
TA4CS	SOUHP	64	8	8	0	8	0	0	0
<b>Europe</b>									
<b>Andorra</b>									
C31KC	SOULP	3,480	118	30	74	21	23	0	0
<b>Austria</b>									
OE6STD	SOULP	5,396	149	38	101	45	3	0	0
OE3DXA	SOULP	5,096	95	56	0	41	54	0	0
OE1WWL	SOULP	2,277	70	33	28	33	9	0	0
OE1XTU (OE1VMC, op)	SOULP	810	34	30	0	26	8	0	0
OE1KFR	SOULP	400	21	20	0	6	15	0	0
<b>Balearic Islands</b>									
EA6ZS	SOULP	2,047	91	23	0	59	32	0	0
<b>Belarus</b>									
EW8DX	SOHP	39,220	540	74	206	148	186	0	0
EW6EN	SOLP	17,820	328	55	101	95	132	0	0
EU1DX	SOLP	5,977	142	43	37	56	49	0	0
EW8G	SOLP	3,016	105	29	52	32	21	0	0
EW4R	SOLP	1,971	75	27	42	30	3	0	0
EU8A	SOULP	19,720	295	68	121	83	91	0	0
EW7BA	SOULP	13,020	220	60	0	0	220	0	0
EU8F	SOULP	3,944	139	29	72	42	25	0	0
EU3AA	SOUHP	3,465	100	35	55	45	0	0	0
EU6AA	SOULP	2,408	93	28	52	2	39	0	0
<b>Belgium</b>									
ON5GQ	SOLP	40,740	495	84	82	123	290	0	0
ON4LDP	SOLP	22,876	306	76	0	133	169	4	0

ON4BHQ	SOLP	13,580	198	70	33	35	130	0	0	
ON5IA	SOLP	1,898	73	26	0	73	0	0	0	
ON4HRT (ON6BF, op)	SOULP	31,188	353	92	141	71	141	0	0	
ON6NL	SOULP	24,849	258	99	59	95	104	0	0	
ON8AJ	SOULP	14,950	230	65	52	107	70	0	1	
ON9COP	SOULP	13,199	203	67	39	83	81	0	0	
ON6SAT	SOULP	9,006	160	57	92	34	34	0	0	
ON4PB	SOULP	4,747	115	47	45	46	24	0	0	
OO9O	SOULP	4,095	109	39	26	55	28	0	0	
ON4GPN	SOULP	289	18	17	0	11	7	0	0	
<b>Bosnia-Herzegovina</b>										
E71AP	SOULP	5,544	156	36	137	19	0	0	0	
E72U	SOUHP	3,168	99	32	28	27	44	0	0	
<b>Bulgaria</b>										
LZ1NYK	SOLP	17,340	294	60	0	171	123	0	0	
LZ5DD	SOHP	17,024	272	64	0	153	119	0	0	
LZ1MC	SOHP	3,201	99	33	0	86	13	0	0	
LZ2YO	SOUHP	36,354	446	83	73	105	268	0	0	
LZ1QV	SOULP	16,302	296	57	79	146	71	0	0	
LZ2EC	SOULP	15,860	307	52	84	155	68	0	0	
LZ2ZG	SOUHP	5,640	125	47	23	66	36	0	0	
LZ2HV	SOULP	4,235	123	35	0	0	123	0	0	
LZ2JA	SOULP	3,071	83	37	0	0	83	0	0	
<b>Crete</b>										
SV9RGI	SOULP	18,338	349	53	96	158	95	0	0	
<b>Croatia</b>										
9A5HZ	SOLP	936	40	24	0	0	40	0	0	
9A2JK	SOULP	20,540	261	79	130	63	68	0	0	
9A5ST	SOULP	18,056	297	61	69	187	41	0	0	
9A3CJW	SOULP	10,241	222	49	65	143	14	0	0	
9A9TT	SOULP	7,152	153	48	52	91	10	0	0	
9A7JDF	SOULP	4,046	121	34	58	48	15	0	0	
9A7T	MSLP	14,475	199	75	43	123	33	0	0	(Ops: 9A4OP, 9A5MR)
9A7B	MSLP	7,500	151	50	27	59	65	0	0	(Ops: 9A1CFN, 9A2BW)
<b>Czech Republic</b>										
OK7W	SOHP	148,482	1,328	113	339	440	549	0	0	
OK5NW	SOLP	11,918	203	59	80	54	69	0	0	
OK3C (OK2ZC, op)	SOLP	6,732	133	51	52	36	45	0	0	
OK1PMA	SOLP	4,080	121	34	0	107	14	0	0	
OK4RQ	SOLP	4,059	99	41	53	17	29	0	0	
OK1SLA	SOLP	2,639	96	29	80	15	1	0	0	
OK2SWD	SOLP	465	31	15	20	11	0	0	0	
OK5SWL (OK2SWD, op)	SOLP	150	17	10	0	17	0	0	0	
OK5EPC	SOULP	15,568	295	56	141	149	5	0	0	
OK2HFC	SOULP	13,920	295	48	134	122	39	0	0	
OK2WMC	SOULP	8,030	153	55	57	40	56	0	0	
OK1CDJ	SOULP	6,812	136	52	0	101	35	0	0	
OK2PF	SOULP	1,932	70	28	2	38	30	0	0	
OK2BPU	SOULP	1,197	59	21	59	0	0	0	0	
OK8LEO	SOULP	352	22	16	0	11	11	0	0	
OK2PAD	SOULP	208	17	13	2	3	12	0	0	
OK2EA	MSHP	28,864	360	82	109	118	133	0	0	(Ops: OK2EA)
<b>Denmark</b>										
OZ11A	SOHP	54,468	620	89	163	201	256	0	0	
OZ1A00	SOLP	6,120	161	40	77	55	29	0	0	

OZ1LFI	SOLP	4,620	133	35	38	59	36	0	0	
OZ9GA	SOULP	26,320	387	70	154	155	78	0	0	
OZ1FHU	SOUHP	21,975	306	75	146	50	110	0	0	
OZ1DSD	SOUHP	14,946	286	53	114	137	35	0	0	
5P1KZX	SOULP	11,284	232	52	108	68	56	0	0	
OZ1HX	SOULP	9,724	192	52	128	36	28	0	0	
OZ1ADL	SOUHP	8,316	193	44	52	85	56	0	0	
OZ1JMN	SOULP	6,900	156	46	46	88	22	0	0	
OZ1QX	SOULP	5,664	123	48	45	23	55	0	0	
OZ2ABI	SOULP	4,095	93	45	22	41	30	0	0	
OU1E	SOUHP	3,850	78	50	39	15	24	0	0	
OZ5AGJ	SOULP	2,988	87	36	40	15	32	0	0	
OZ6HQ	SOUHP	2,964	79	39	29	17	33	0	0	
5P9R (OZ5XN, op)	SOULP	2,400	89	30	71	3	15	0	0	
OZ5AEA	SOULP	1,904	74	28	0	74	0	0	0	
OZ5EM	SOULP	1,496	70	22	9	61	0	0	0	
OZ5D	SOUHP	1,464	63	24	59	4	0	0	0	
OZ4ZT	SOULP	1,400	50	28	3	16	31	0	0	
OZ8MW	MSLP	1,428	55	28	0	23	32	0	0	(Ops: OZ2JUM, OZ5AEA)
<b>England</b>										
G4HBI	SOLP	12,096	192	64	0	99	93	0	0	
G4DBW	SOLP	10,388	198	53	40	113	45	0	0	
G4OZG	SOLP	9,612	179	54	51	56	72	0	0	
G8UBJ	SOHP	8,990	164	58	31	53	80	0	0	
MØTQR	SOLP	6,720	151	48	40	40	70	1	0	
G4DDL	SOLP	3,663	100	37	19	37	44	0	0	
G1SCT	SOLP	2,144	67	32	18	15	34	0	0	
G3YCH	SOLP	1,131	43	29	31	12	0	0	0	
M6YTU	SOLP	1,092	43	26	0	0	43	0	0	
G4JBA	SOLP	551	29	19	0	10	19	0	0	
M2A (G3ORY, op)	SOUHP	53,700	548	100	68	89	391	0	0	
M7T (G3YYD, op)	SOUHP	14,058	215	66	86	61	68	0	0	
G3RLE	SOULP	13,545	220	63	53	122	45	0	0	
GØFGI	SOULP	13,248	196	69	48	47	101	0	0	
G1P (MØIEP, op)	SOULP	10,416	204	56	52	101	51	0	0	
M6OIZ	SOULP	9,062	225	46	77	126	22	0	0	
MØKKM	SOULP	7,831	196	41	94	73	29	0	0	
GØHDB	SOUHP	4,770	92	53	30	21	41	0	0	
2EØOXF	SOULP	3,060	106	30	75	31	0	0	0	
GØNGL	SOULP	2,250	79	30	20	50	9	0	0	
GØFCT	SOULP	2,109	61	37	6	35	20	0	0	
M7P (G6NHU, op)	SOULP	1,972	58	34	12	4	42	0	0	
G7TWC	SOULP	1,540	56	28	44	6	6	0	0	
G8AFN	SOULP	1,392	53	29	9	31	13	0	0	
G4NRT	SOULP	792	45	18	0	42	3	0	0	
M6ENP	SOULP	384	25	16	0	25	0	0	0	
G8JQW	SOULP	88	12	8	0	0	12	0	0	
G4AYU	SOULP	16	4	4	1	2	1	0	0	
MØHFY	SOULP	4	2	2	0	1	1	0	0	
<b>Estonia</b>										
ES1QV	SOULP	18,270	325	58	128	73	124	0	0	
<b>European Russia</b>										
RA1ALC	SOLP	12,095	296	41	72	83	141	0	0	
RW6CR	SOHP	11,008	257	43	2	130	125	0	0	
RT6DI	SOLP	10,455	270	41	90	102	78	0	0	

RU5X	SOLP	8,610	212	42	67	84	61	0	0	
R7MT	SOLP	6,314	156	41	23	57	76	0	0	
R7KBV	SOLP	3,999	131	31	8	60	63	0	0	
RJ7M	SOLP	3,161	110	29	0	102	8	0	0	
UC5D	SOLP	2,808	112	27	22	37	53	0	0	
RW4LMR	SOLP	2,673	82	33	11	8	63	0	0	
RA6LIS	SOLP	2,366	93	26	0	0	93	0	0	
UA3XO	SOLP	2,144	76	32	0	0	76	0	0	
UA4FX	SOLP	2,079	78	27	45	15	18	0	0	
UA3IHJ	SOLP	1,564	68	23	0	39	29	0	0	
RU6YJ	SOHP	1,530	52	30	5	0	47	0	0	
R4WT	SOLP	646	37	19	0	20	17	0	0	
RW3AI	SOLP	600	40	15	0	17	23	0	0	
R6KEE	SOLP	532	29	19	0	29	0	0	0	
RA3NC	SOHP	480	32	16	19	13	0	0	0	
RW3ADB	SOLP	432	30	16	7	16	7	0	0	
RK3DSW	SOLP	350	25	14	0	25	0	0	0	
RW6APC	SOLP	273	21	13	0	13	8	0	0	
RN1AO	SOLP	180	19	10	0	19	0	0	0	
RX1AG	SOLP	144	17	9	0	0	17	0	0	
RC7LS	SOULP	24,895	395	65	118	126	151	0	0	
RA3QH	SOULP	12,915	299	45	117	111	71	0	0	
RU3XW	SOULP	8,820	213	42	25	120	67	1	0	
UA9FLK	SOULP	7,410	196	39	105	17	74	0	0	
RM3DA	SOUHP	7,366	132	58	0	95	37	0	0	
RQ2Q	SOULP	7,160	189	40	70	63	56	0	0	
RU3OZ	SOULP	6,970	174	41	54	67	53	0	0	
R2PU	SOULP	6,960	178	40	42	101	35	0	0	
R3BB	SOULP	6,232	155	41	85	15	55	0	0	
RX3ASP	SOULP	5,542	167	34	0	97	70	0	0	
RU3C (RX3DPK, op)	SOULP	5,538	148	39	59	29	60	0	0	
R3FP	SOULP	5,499	125	47	29	65	31	0	0	
RW3RQ	SOULP	5,332	128	43	81	38	9	0	0	
RQ7R	SOULP	4,389	137	33	15	27	95	0	0	
RA3LJ	SOULP	3,808	130	32	70	19	41	0	0	
R3OZ	SOULP	3,570	105	35	80	2	23	0	0	
R3LW	SOULP	3,465	104	35	45	52	7	0	0	
UA6CE	SOULP	2,790	96	31	7	46	43	0	0	
RO7F	SOULP	2,240	70	32	12	58	0	0	0	
RV3DBK	SOULP	2,075	86	25	0	42	44	0	0	
R7FG	SOULP	1,653	59	29	0	59	0	0	0	
RX3MM	SOULP	1,512	64	24	31	0	33	0	0	
RW3RN	SOUHP	945	64	15	0	14	50	0	0	
RN3DKE	SOULP	882	44	21	0	0	44	0	0	
RX3AFE	SOULP	882	49	18	0	0	49	0	0	
UC4I	SOULP	782	35	23	10	0	25	0	0	
RA3FD	SOULP	260	20	13	0	6	14	0	0	
R3GZ	SOULP	54	10	6	0	8	2	0	0	
R7HL	SOULP	15	5	5	5	0	0	0	0	
RK3DXW	MSHP	17,545	328	55	38	49	241	0	0	(Ops: R2DDD, RJ3DF)
<b>Federal Republic of Ge</b>										
DL3BQA	SOHP	66,248	683	98	227	177	279	0	0	
DL3SYA	SOLP	33,336	474	72	180	164	130	0	0	
DF8XC	SOHP	32,038	393	83	64	122	207	0	0	
DL6NWA	SOLP	21,900	293	75	114	71	108	0	0	



DL2SWW	SOHP	16,678	271	62	51	93	127	0	0
DL3DRN	SOLP	10,659	192	57	59	72	61	0	0
DL6DJ	SOHP	9,849	203	49	81	77	45	0	0
DL4ME	SOHP	8,900	188	50	118	49	21	0	0
DF5BX	SOLP	7,128	202	36	90	85	27	0	0
DL2FK	SOLP	5,929	124	49	16	36	72	0	0
DL8ZU	SOLP	5,112	146	36	53	75	18	0	0
DJ7UC	SOLP	3,999	94	43	0	45	49	0	0
DJ6TK	SOLP	1,457	48	31	0	5	43	0	0
DJ8ES	SOHP	1,316	47	28	0	0	47	0	0
DL2BQV	SOLP	1,152	49	24	0	0	49	0	0
DL6RBH	SOLP	1,034	49	22	32	13	4	0	0
DL3KUD	SOLP	960	49	20	18	26	5	0	0
DL2GMK	SOLP	204	19	12	0	13	6	0	0
DQ6ØØUNI	SOLP	56	8	7	0	8	0	0	0
DLØGVM	SOHP	2	2	2	0	0	2	0	0
DF2F (DF2SD, op)	SOULP	50,731	527	97	164	170	193	0	0
DJ4MH	SOULP	26,910	347	78	129	76	142	0	0
DL5YM	SOUHP	19,018	261	74	55	58	148	0	0
DK7ZT	SOULP	17,766	290	63	136	87	67	0	0
DL6SFR	SOULP	16,500	255	66	97	103	55	0	0
DL7MDX	SOULP	13,115	222	61	34	136	52	0	0
DL3HAH	SOUHP	12,880	190	70	8	104	78	0	0
DG7LAN	SOULP	10,530	202	54	102	70	30	0	0
DL2LDE	SOUHP	10,293	145	73	0	145	0	0	0
DO1KHW	SOULP	10,192	219	49	219	0	0	0	0
DL7VOG	SOUHP	9,288	178	54	88	42	48	0	0
DL2HYH	SOULP	8,964	169	54	57	92	20	0	0
DL5AWI	SOULP	8,835	162	57	86	12	64	0	0
DDØVU	SOULP	8,592	193	48	105	63	25	0	0
DK7RCA	SOULP	8,400	179	48	0	140	39	0	0
DD1AO	SOULP	7,215	199	39	101	72	26	0	0
DL1DWR	SOULP	6,956	149	47	83	46	20	0	0
DG8JA	SOULP	6,929	177	41	75	89	13	0	0
DF1LON	SOULP	6,048	148	42	58	57	33	0	0
DK4WK	SOULP	6,028	150	44	99	44	7	0	0
DL3DQL	SOULP	5,763	116	51	0	86	30	0	0
DF8QB	SOULP	4,365	106	45	38	41	27	0	0
DLØGRH (DJ5NN, op)	SOULP	3,588	95	39	35	31	29	0	0
DO6XX	SOULP	3,503	114	31	114	0	0	0	0
DJ2FR	SOULP	3,456	111	32	73	23	15	0	0
DL3FCG	SOULP	3,075	78	41	0	78	0	0	0
DD1FLO	SOULP	2,880	95	32	66	25	4	0	0
DM6CS	SOULP	2,376	73	33	45	11	17	0	0
DK4WA	SOUHP	2,272	71	32	39	31	1	0	0
DL1BJC	SOULP	1,980	63	36	0	0	63	0	0
DO6LE	SOULP	1,650	68	25	68	0	0	0	0
DL3DUE	SOULP	1,404	56	27	0	25	31	0	0
DO2XX	SOULP	987	47	21	47	0	0	0	0
DL4LT	SOULP	968	44	22	23	15	6	0	0
DL2RUM	SOULP	912	41	24	8	26	7	0	0
DL7YS	SOULP	612	36	17	25	8	3	0	0
DJ8EW	SOULP	352	22	16	18	4	0	0	0
DB1EPO	SOULP	308	24	14	22	2	0	0	0
DK3GG	SOUHP	154	14	11	2	8	4	0	0

DM5DX	SOULP	16	4	4	4	0	0	0	0	
DG2YCB	SOULP	6	3	3	0	0	2	1	0	
DKØMA	MSLP	13,923	286	51	136	131	19	0	0	(Ops: DB1EPO, DG1EZ)
<b>Finland</b>										
OG8T	SOLP	9,308	183	52	12	33	138	0	0	
OH5UQ	SOHP	5,402	150	37	0	150	0	0	0	
OH1NOA	SOLP	2,236	86	26	32	33	21	0	0	
OH5EAB	SOHP	900	49	20	26	9	14	0	0	
OH7EBA	SOLP	165	16	11	0	4	12	0	0	
OH2HAN	SOUHP	59,461	616	97	153	175	288	0	0	
OH2KW	SOUHP	13,496	248	56	26	118	104	0	0	
OH3MA	SOULP	12,934	231	58	93	29	109	0	0	
OH3FM	SOUHP	11,388	295	39	105	48	142	0	0	
OH3LQK	SOUHP	8,131	174	47	14	38	122	0	0	
OH2K (OH6VDA, op)	SOULP	7,396	176	43	48	68	60	0	0	
OH6XO	SOULP	6,228	178	36	47	34	97	0	0	
OH4NDU	SOULP	5,550	153	37	83	33	37	0	0	
OH2NT	SOULP	4,500	153	30	40	46	67	0	0	
OH2LU	SOULP	4,248	118	36	72	16	30	0	0	
OH2BAV	SOULP	2,889	114	27	57	49	8	0	0	
OH1LXF	SOULP	2,610	94	29	0	94	0	0	0	
OH1KH	SOULP	1,740	61	29	17	11	33	0	0	
OH6BA	SOULP	1,144	44	26	0	0	44	0	0	
OH9GIT	SOUHP	666	38	18	11	0	27	0	0	
OH2GQC	SOULP	589	33	19	26	3	4	0	0	
OH3NE	MSLP	450	29	18	5	21	3	0	0	(Ops: OH3BK, OH3MRJ)
<b>France</b>										
F6HRP	SOHP	25,612	342	76	44	122	159	17	0	
F5OHM	SOHP	22,620	293	78	20	129	144	0	0	
F6GCI	SOLP	20,475	280	75	85	60	135	0	0	
F1RCH	SOLP	20,232	290	72	54	102	134	0	0	
F4FDR	SOLP	16,226	274	61	75	128	71	0	0	
F1IWH	SOLP	8,700	174	50	33	68	73	0	0	
F4FSB	SOLP	1,260	43	30	0	43	0	0	0	
F5BEG	SOULP	87,859	865	103	203	309	353	0	0	
F4GDI	SOULP	48,139	545	91	139	185	219	2	0	
F4ESV	SOUHP	46,648	485	98	0	193	291	1	0	
F4HJO	SOUHP	39,672	464	87	60	123	278	3	0	
F8CRS	SOUHP	21,528	235	92	55	31	149	0	0	
F6EQZ	SOULP	18,744	271	71	106	129	34	1	1	
F5IGF	SOULP	11,136	194	58	75	116	3	0	0	
F5POE	SOULP	10,206	193	54	74	96	23	0	0	
F4HXJ	SOULP	8,685	198	45	58	99	41	0	0	
F5RD	SOULP	6,216	150	42	19	100	31	0	0	
F5ITN	SOULP	4,968	119	46	50	13	54	1	1	
F1ULQ	SOUHP	4,277	97	47	0	67	30	0	0	
F5CBP	SOULP	1,855	57	35	0	0	57	0	0	
F5NBX	SOUHP	1,736	56	31	0	0	56	0	0	
F1TRE	SOULP	1,458	56	27	7	25	24	0	0	
F4CXL	SOULP	192	20	12	0	14	6	0	0	
F6ITD	MSHP	1,769	62	29	0	58	4	0	0	(Ops: F6ITD)
<b>Greece</b>										
SV2BXA	SOHP	21,692	323	68	1	173	148	1	0	
SV2JAO	SOLP	12,586	221	58	0	221	0	0	0	
SV1DOO	SOLP	7,232	237	32	29	147	61	0	0	

SV2AIU	SOLP	3,204	90	36	0	0	90	0	0	
SV2KF	SOHP	1,584	75	22	0	75	0	0	0	
SV2/SV7CUD	SOLP	874	38	23	2	12	24	0	0	
SV2DSJ	SOLP	168	21	8	0	0	21	0	0	
SV2BFN	SOUHP	51,510	612	85	6	250	356	0	0	
SV2ESW	SOUHP	22,425	349	65	0	146	202	1	0	
SZ1A (SV1CIB, op)	SOUHP	22,361	383	59	0	152	231	0	0	
SV1IYF	SOULP	18,328	340	58	68	174	98	0	0	
SV1AZL	SOULP	9,776	222	47	45	116	61	0	0	
SV1CIF	SOULP	8,096	190	44	5	108	77	0	0	
SV3DCX	SOULP	5,082	124	42	29	17	78	0	0	
SV1JFL	SOULP	4,708	123	44	3	77	43	0	0	
SV1AJO	SOULP	3,744	121	32	20	46	55	0	0	
SV8EUB	SOULP	1,938	85	34	37	44	4	0	0	
SV8BUR	SOULP	1,428	69	21	0	69	0	0	0	
SV3QUP	SOULP	1,127	53	23	15	22	16	0	0	
SV7CUD	SOULP	400	25	16	16	9	0	0	0	
J42L	MSLP	52,710	510	105	0	294	216	0	0	(Ops: SV2AEL, SV2DCD)
<b>Guernsey</b>										
GUØSUP	SOLP	15,504	204	76	29	43	132	0	0	
GU7DAI	SOULP	9,116	223	43	75	129	19	0	0	
<b>Hungary</b>										
HA1BC (DL1MAJ, op)	SOLP	18,522	298	63	107	123	68	0	0	
HA2NP	SOHP	15,572	240	68	0	118	122	0	0	
HA7MB	SOLP	15,164	228	68	100	30	98	0	0	
HA3OU	SOLP	10,716	193	57	51	108	34	0	0	
HA6NL	SOULP	11,403	191	63	62	73	56	0	0	
HAØSF	SOULP	5,544	133	42	64	55	14	0	0	
HA6NN	SOULP	3,367	96	37	47	34	15	0	0	
HA8V (GABI, op)	SOULP	1,950	76	26	0	76	0	0	0	
HA3FMR	SOULP	1,155	56	21	29	27	0	0	0	
HG9XT	SOULP	416	26	16	0	1	25	0	0	
HA8MV (GABI, op)	SOULP	20	7	4	3	4	0	0	0	
<b>Iceland</b>										
TF3AO	SOULP	448	28	16	0	0	28	0	0	
<b>Ireland</b>										
EI3JE	SOLP	29,325	396	75	92	126	178	0	0	
EI3CTB	SOULP	10,736	186	61	38	99	49	0	0	
EI7KD	SOUHP	8,281	172	49	0	172	0	0	0	
EI5KO	SOULP	3,476	81	44	0	41	40	0	0	
EI9HSB	SOULP	779	44	19	0	44	0	0	0	
<b>Italy</b>										
IV3SKB	SOHP	52,207	647	83	151	208	288	0	0	
IZ2FOS	SOHP	35,026	432	83	78	148	205	1	0	
IK2RZG	SOLP	27,846	368	78	101	112	155	0	0	
IC8TEM	SOLP	25,056	351	72	98	175	78	0	0	
I3PXN	SOLP	20,064	358	57	106	204	48	0	0	
IZ1PKV	SOLP	16,897	285	61	0	195	90	0	0	
I1WXY	SOLP	16,064	258	64	116	44	98	0	0	
IZ4VSD	SOHP	13,195	205	65	0	0	205	0	0	
IW3IOD	SOLP	12,276	190	66	61	37	92	0	0	
IK2BUF	SOLP	11,284	185	62	30	42	113	0	0	
IZ2GRG	SOLP	7,852	152	52	85	13	54	0	0	
IK2AUK	SOLP	6,880	165	43	45	83	37	0	0	
IZ4OSH	SOLP	4,700	104	47	0	72	32	0	0	

IZ2JPN	SOLP	4,416	96	48	13	10	73	0	0
IK4IDP	SOLP	4,136	97	44	19	39	39	0	0
IK8ARF	SOLP	4,017	117	39	0	69	48	0	0
IK5BOH	SOHP	3,536	106	34	8	24	2	0	0
IK5BOH/2	SOHP	3,536	106	34	27	58	21	0	0
IU4FKR	SOLP	3,478	94	37	12	70	12	0	0
IK2OVT	SOLP	3,388	78	44	10	13	55	0	0
IT9CLN	SOLP	2,664	73	37	0	29	44	0	0
I1YGQ	SOLP	2,449	83	31	11	49	23	0	0
IW1FNW	SOHP	2,183	60	37	0	1	59	0	0
IK2MXM	SOLP	1,595	57	29	15	16	26	0	0
IZØIRH	SOHP	1,504	49	32	0	16	33	0	0
IU4HRJ	SOLP	1,334	61	23	26	35	0	0	0
IZ4DZD	SOHP	1,316	47	28	0	32	15	0	0
IK8NBE	SOLP	1,007	54	19	10	44	0	0	0
IW2NRI	SOLP	304	20	16	0	0	20	0	0
IW2JRV	SOLP	266	27	14	5	18	4	0	0
IU4JIC	SOLP	150	16	10	0	16	0	0	0
IK7RVY	SOLP	63	11	7	0	0	11	0	0
IQ1RY (IW1AYD, op)	SOUHP	156,870	1,277	126	177	566	534	0	0
IK3TPP	SOULP	45,410	496	95	150	165	180	1	0
IK3ORD	SOUHP	41,705	443	95	56	79	308	0	0
IZ3SQW	SOUHP	38,325	524	75	130	254	139	1	0
IT9RZU	SOULP	36,288	439	84	74	193	172	0	0
I2SVA	SOUHP	31,920	342	95	70	65	202	5	0
IU4CHE	SOULP	29,403	365	81	24	160	181	0	0
IZ2DVI	SOUHP	24,376	280	88	118	48	114	0	0
IV3JCC	SOUHP	24,300	303	81	55	43	205	0	0
I2DJX	SOUHP	21,945	287	77	74	50	163	0	0
IV3ARJ	SOUHP	21,538	251	89	0	142	109	0	0
IW2MXY	SOULP	20,124	261	78	0	162	99	0	0
IK4LZH	SOULP	17,593	254	73	84	94	76	0	0
IK4DCX	SOULP	17,290	277	65	74	125	78	0	0
IØWBX	SOUHP	12,934	228	58	0	182	46	0	0
IK8IOO	SOULP	12,502	274	47	71	128	75	0	0
IU8DKG	SOULP	11,325	154	75	6	91	57	0	0
IK2QIN	SOUHP	10,010	131	77	0	29	102	0	0
I2BRT	SOULP	9,536	156	64	4	112	40	0	0
IZ3XEF	SOULP	9,324	152	63	23	79	50	0	0
IK5SRE	SOULP	9,163	191	49	71	98	22	0	0
IT9ESW	SOUHP	7,672	140	56	1	28	111	0	0
IK2TYL	SOUHP	7,280	147	52	0	139	8	0	0
I2WIJ	SOULP	6,700	136	50	21	101	14	0	0
IU8HPD	SOULP	6,232	156	41	18	138	0	0	0
I1NVU	SOUHP	6,150	124	50	0	93	31	0	0
IZ5ILK	SOULP	5,724	110	53	2	38	70	0	0
IV3IXN	SOULP	5,187	101	57	43	30	28	0	0
IK8YFU	SOULP	5,175	116	45	0	114	2	0	0
IK4MTK	SOULP	5,040	95	56	32	30	33	0	0
IK4UOA	SOUHP	4,840	93	55	30	14	49	0	0
IZ5IMB	SOULP	4,708	112	44	0	102	10	0	0
IW8PJI	SOULP	4,664	110	44	22	57	31	0	0
IZ1PLH	SOUHP	4,066	109	38	0	75	34	0	0
IK1SOW	SOULP	3,948	97	42	23	38	36	0	0
I2NCE	SOULP	3,648	98	38	4	83	11	0	0

IZ5FSA	SOULP	3,483	82	43	0	75	7	0	0	
IZ2DII	SOUHP	3,367	92	37	0	77	15	0	0	
IW1BND	SOULP	3,154	90	38	0	64	26	0	0	
IK2SAR	SOULP	3,072	97	32	37	60	0	0	0	
IK2AHB	SOULP	3,002	83	38	0	83	0	0	0	
IK2IKW	SOULP	2,520	76	35	34	39	3	0	0	
IK1BPL	SOUHP	2,343	72	33	0	72	0	0	0	
IK5FKF	SOUHP	2,009	52	41	0	36	16	0	0	
IZ5OQX	SOULP	1,947	64	33	18	15	31	0	0	
IZ1FKS	SOULP	1,890	57	35	0	5	52	0	0	
IK3ZBM	SOULP	1,820	52	35	15	16	21	0	0	
IV3HAX	SOULP	1,798	59	31	10	47	2	0	0	
IK3ASM	SOUHP	1,540	58	28	0	0	58	0	0	
IK4XQT	SOULP	1,222	48	26	0	26	22	0	0	
IV3XPP	SOULP	1,056	48	24	0	25	23	0	0	
IZ3XNJ	SOULP	1,056	53	24	0	36	17	0	0	
IUØJZN	SOULP	874	41	23	6	35	0	0	0	
IU4DEG	SOULP	725	36	25	1	17	18	0	0	
IK2GZU	SOUHP	437	24	19	0	0	24	0	0	
IU2IHD	SOULP	352	26	16	16	10	0	0	0	
IK4QJF	SOULP	252	18	14	0	10	8	0	0	
IC8POF	SOUHP	80	10	8	0	0	10	0	0	
IZ3NVR	SOULP	4	2	2	0	2	0	0	0	
IQ2CU	MSHP	38,480	496	80	121	198	177	0	0	(Ops: I2XLF, IN3OWY)
IQ2MG	MSHP	17,875	282	65	43	139	100	0	0	(Ops: IQ2MG)
<b>Kaliningrad</b>										
RA2FB	SOLP	2,240	73	32	32	17	24	0	0	
RU2FJ	SOULP	7,595	157	49	0	136	21	0	0	
RN2FA	SOULP	255	20	15	0	2	18	0	0	
<b>Latvia</b>										
YL2NK	SOLP	11,741	205	59	85	44	76	0	0	
YL5T (YL3DQ, op)	SOUHP	44,226	489	91	103	135	250	1	0	
YL2CI	SOUHP	40,753	495	83	96	106	293	0	0	
YL2QV	SOULP	13,826	230	62	72	66	92	0	0	
YL3FW	SOULP	5,439	150	37	89	46	15	0	0	
YL3GBC	SOULP	1,800	77	24	77	0	0	0	0	
<b>Lithuania</b>										
LY2CG	SOLP	7,776	147	54	2	55	90	0	0	
LY9Y	SOUHP	61,728	652	96	156	218	277	1	0	
LY5W	SOUHP	32,385	388	85	146	143	99	0	0	
LY5T	SOULP	897	42	23	0	25	17	0	0	
<b>Luxembourg</b>										
LX1ER	SOULP	41,310	491	85	167	150	174	0	0	
<b>Macedonia</b>										
Z33B	SOHP	5,355	160	35	0	85	75	0	0	
Z36W	SOULP	1,080	54	20	0	54	0	0	0	
<b>Moldova</b>										
ER4A (5B4AMM, op)	SOUHP	93,900	966	100	201	326	439	0	0	
ER2OZ	SOUHP	6,545	122	55	53	27	42	0	0	
<b>Netherlands</b>										
PA3BXR	SOLP	10,251	204	51	108	43	53	0	0	
PA7WW	SOLP	9,450	195	50	83	50	62	0	0	
PA2CVD	SOLP	9,275	177	53	10	77	89	1	0	
PAØCMF	SOLP	7,040	131	55	26	31	74	0	0	
PDØMHZ	SOLP	5,160	120	43	0	51	69	0	0	



SP3A	SOHP	15,750	226	70	108	19	99	0	0	
SP6JZP	SOLP	6,909	149	49	0	101	48	0	0	
SQ2WHH	SOLP	3,720	127	30	94	33	0	0	0	
SN1A	SOLP	3,451	121	29	14	83	24	0	0	
SP1DMD	SOLP	3,108	84	37	29	33	22	0	0	
SP2UUU	SOLP	3,007	102	31	56	30	16	0	0	
SQ1X	SOLP	2,720	80	34	43	22	15	0	0	
SO3O	SOLP	2,160	92	24	92	0	0	0	0	
SP9KJU (SP9MDY, op)	SOLP	480	30	16	24	6	0	0	0	
SP2SGN	SOLP	345	24	15	0	0	24	0	0	
SP4LVK	SOLP	70	14	5	0	0	14	0	0	
SP2QCW	SOHP	35	7	5	0	0	7	0	0	
SP9H	SOULP	31,520	404	80	185	109	110	0	0	
SP2EWQ	SOULP	21,556	332	68	137	154	41	0	0	
SQ5ZG	SOULP	13,110	237	57	84	91	62	0	0	
SP1DOZ	SOULP	10,092	186	58	0	152	34	0	0	
SP5MNT	SOULP	9,555	204	49	63	141	0	0	0	
HF1ØØS (SP2BLC, op)	SOULP	8,745	168	55	68	44	56	0	0	
SO7T (SP5JP, op)	SOULP	8,228	196	44	50	128	18	0	0	
SQ8W	SOULP	7,896	192	42	108	68	16	0	0	
SP9FVO	SOULP	7,850	161	50	62	99	0	0	0	
SP7IIT	SOUHP	7,680	194	40	150	22	22	0	0	
SQ3MZU	SOULP	7,560	184	42	76	72	36	0	0	
SO5WD	SOULP	7,266	174	42	47	119	8	0	0	
SQ9GOL	SOULP	6,045	162	39	0	162	0	0	0	
SQ7CL	SOUHP	5,264	120	47	0	101	19	0	0	
SP6Eiy	SOULP	5,217	114	47	58	31	25	0	0	
SP2MKI	SOULP	3,422	118	29	77	38	3	0	0	
SQ9FMU	SOULP	3,157	82	41	0	69	13	0	0	
SQ9PPT	SOULP	3,040	98	32	98	0	0	0	0	
SQ3MZ	SOULP	3,026	102	34	71	15	16	0	0	
SP3MEO	SOULP	2,944	95	32	75	10	10	0	0	
SQ6MEL	SOULP	2,822	86	34	0	86	0	0	0	
SQ9JXB	SOULP	2,635	88	31	45	39	4	0	0	
SP6FXy	SOULP	2,496	69	39	0	28	41	0	0	
SO1RON	SOULP	2,310	70	35	0	70	0	0	0	
SQ6ELV	SOULP	1,798	60	31	0	60	0	0	0	
SP2HPD	SOULP	1,525	66	25	0	37	29	0	0	
SQ2MO	SOULP	912	48	19	48	0	0	0	0	
SQ9IWT	SOULP	780	40	20	15	18	7	0	0	
SQ9KDT	SOULP	432	29	18	17	1	11	0	0	
SO6XL	SOULP	56	12	7	0	11	1	0	0	
SNØUNESCO	MSLP	1,075	43	25	0	12	31	0	0	(Ops: SP9AVZ, SP9QLR)
<b>Portugal</b>										
CT1Eku	SOULP	22,338	312	73	37	161	114	0	0	
CT7AUK	SOULP	13,580	198	70	0	132	62	4	0	
CT7AIX	SOULP	10,664	174	62	0	67	107	0	0	
CT1FOQ	SOULP	2,574	69	39	0	28	40	1	0	
CT7AKW	SOULP	1,428	47	34	0	27	20	0	0	
CS5GCB (CS7AOL, op)	SOULP	1,170	45	26	0	30	15	0	0	
<b>Romania</b>										
YO3RU	SOHP	33,912	482	72	107	195	180	0	0	
YO2IS	SOLP	15,444	241	66	80	70	91	0	0	
YO3APJ	SOLP	13,978	246	58	34	133	79	0	0	
YO9BCM	SOLP	9,604	203	49	74	62	67	0	0	

YO3GNF	SOHP	5,863	145	41	20	77	48	0	0
YO2LXW	SOLP	3,196	99	34	55	16	28	0	0
YO6FPW	SOLP	368	23	16	23	0	0	0	0
YO9HP	SOUHP	97,317	991	99	307	445	239	0	0
YO4CVV	SOULP	5,960	151	40	24	69	58	0	0
YO4BEW	SOULP	5,880	152	40	0	152	0	0	0
YO4AAC	SOULP	1,533	73	21	0	10	63	0	0
<b>Scotland</b>									
MMØCPZ	SOLP	5,136	108	48	10	32	66	0	0
GM5M (GM4ZNC, op)	SOLP	4,454	132	34	0	31	101	0	0
MM3AWD	SOULP	17,010	275	63	63	81	131	0	0
MMØLGS	SOULP	8,736	201	48	51	72	78	0	0
MM1PTT	SOULP	5,360	143	40	84	59	0	0	0
MM2T	SOULP	570	31	19	0	0	31	0	0
<b>Serbia</b>									
YT2U	SOUHP	33,896	453	76	143	169	141	0	0
YT3H	SOULP	23,754	325	74	132	87	106	0	0
YT3PL	SOULP	18,042	297	62	90	157	50	0	0
YU1KT	SOULP	9,847	238	43	111	118	9	0	0
YU1EA	SOUHP	8,607	159	57	0	0	159	0	0
<b>Slovak Republic</b>									
OM7OM	SOLP	6,478	160	41	111	38	11	0	0
OM7AG	SOLP	6,162	162	39	41	87	34	0	0
OM8JP	SOLP	2,592	73	36	0	14	59	0	0
OM2AGN	SOLP	2,419	61	41	0	0	61	0	0
OM8WG	SOLP	88	11	8	0	0	11	0	0
OM3CW	SOUHP	20,093	293	71	106	87	100	0	0
OM8LA	SOULP	10,098	193	54	94	49	50	0	0
OM2WX	SOULP	8,602	194	46	78	94	22	0	0
<b>Slovenia</b>									
S57YK	SOLP	9,240	167	56	0	64	103	0	0
S51AM	SOLP	3,828	114	44	54	9	51	0	0
S51DD	SOHP	2,808	78	36	14	10	54	0	0
S58Q	SOLP	2,291	82	29	56	26	0	0	0
S53X	SOUHP	82,124	869	98	203	422	244	0	0
S53M	SOUHP	45,591	510	91	141	369	0	0	0
S56A	SOULP	22,638	307	77	142	97	68	0	0
S57U	SOULP	11,700	188	65	82	0	106	0	0
S55DK	SOULP	8,694	200	46	85	82	33	0	0
S57DD	SOULP	3,000	102	30	8	76	18	0	0
S57AM	SOULP	2,291	85	29	0	56	29	0	0
S53S	MSHP	124,136	1,073	118	211	413	449	0	0 (Ops: S52K, S52X, S55G, S55Y, S56Y)
S51A	MSHP	102,580	922	115	300	279	343	0	0 (Ops: S51TC, S51ZJ, S56B)
<b>Spain</b>									
EA4BAS	SOLP	42,456	493	87	47	151	295	0	0
EA3HKA	SOLP	6,468	139	49	0	60	79	0	0
EA1AKS	SOHP	4,224	97	44	3	81	13	0	0
EA3FF	SOLP	2,912	91	32	0	91	0	0	0
EA1GT (EA1GT/QRP, op)	SOLP	1,416	62	24	10	38	14	0	0
EB1DMQ	SOLP	285	24	15	0	0	24	0	0
EA3HCJ	SOLP	153	18	9	0	11	7	0	0
EA4URE (EA4AOC, op)	SOULP	44,826	493	93	0	211	282	0	0
EA3KU	SOULP	29,094	382	78	132	147	102	1	0
EC7AT	SOULP	7,965	180	45	27	46	106	1	0
EA1DA	SOULP	7,595	158	49	30	74	54	0	0



EA4DB	SOULP	5,750	127	46	127	0	0	0	0
EA7QL	SOULP	4,859	116	43	0	116	0	0	0
EA2EGG	SOULP	4,454	136	34	0	82	54	0	0
EG4GST (EA4GST, op)	SOULP	4,326	106	42	106	0	0	0	0
EA5IFY	SOULP	4,218	119	37	0	70	49	0	0
EB5CS	SOULP	3,672	110	36	0	92	18	0	0
EA4CRP	SOULP	3,120	87	40	19	44	23	1	0
EA2CCG	SOULP	3,108	89	37	0	54	35	0	0
EB5CUZ	SOULP	2,697	88	31	17	71	0	0	0
EA3AID	SOULP	2,482	74	34	0	40	33	1	0
EA5NB	SOULP	2,263	76	31	1	41	34	0	0
EA3FHP	SOULP	1,848	78	24	0	44	34	0	0
EA5BB	SOULP	1,710	59	30	0	14	45	0	0
EA3CV	SOULP	1,530	46	34	0	2	43	1	0
EB1IC	SOULP	1,500	54	30	0	54	0	0	0
EA5RM	SOUHP	640	32	20	16	0	16	0	0
EA7JZZ	SOULP	120	13	12	0	13	0	0	0
<b>Sweden</b>									
SM6UQL	SOHP	29,273	410	73	68	138	204	0	0
SE4E (SM4DQE, op)	SOLP	20,292	359	57	71	154	134	0	0
SM5S (SM5SIC, op)	SOLP	4,218	111	38	47	23	41	0	0
SM5EFX	SOLP	2,726	97	29	52	36	9	0	0
SM6VVT	SOHP	1,344	49	28	0	0	49	0	0
SM5DXR	SOLP	731	46	17	15	25	6	0	0
SM6PPS	SOLP	480	31	16	1	11	19	0	0
SD1A (SM1TDE, op)	SOHP	60	10	6	0	0	10	0	0
SK6AW (SA6CBY, op)	SOULP	42,432	551	78	141	222	188	0	0
SG5Z (SM5GMZ, op)	SOUHP	13,667	183	79	39	45	99	0	0
SM5IMO	SOULP	12,042	225	54	85	95	45	0	0
SM7CIL	SOULP	10,443	177	59	0	89	88	0	0
SM7BHM	SOULP	7,506	155	54	20	32	103	0	0
SE6N (SA6AXR, op)	SOULP	4,983	152	33	55	52	45	0	0
SK6QA (SM6PVU, op)	SOULP	2,860	112	26	59	53	0	0	0
SM5RZL	SOULP	2,697	96	29	13	70	13	0	0
SM5VTP	SOULP	1,740	66	29	13	29	24	0	0
SMØDSF	SOULP	1,127	50	23	21	28	1	0	0
SM5SYO	SOULP	860	44	20	34	10	0	0	0
SM7VRZ	SOULP	858	42	22	24	0	18	0	0
<b>Switzerland</b>									
HB9CAT	SOUHP	61,798	590	106	158	313	118	1	0
HB9DHG	SOUHP	54,824	633	88	179	159	295	0	0
HB9BUN	SOULP	33,077	353	97	25	212	116	0	0
HB9CPS	SOULP	10,192	188	56	152	0	36	0	0
HB9CRV	SOULP	7,644	160	49	33	100	27	0	0
<b>Ukraine</b>									
UT5EPP	SOLP	34,476	519	68	129	191	199	0	0
UR5FBM	SOHP	16,182	262	62	71	101	90	0	0
UW1M (UR5MW, op)	SOHP	15,562	251	62	0	73	178	0	0
UT7NI	SOLP	12,720	267	53	134	66	67	0	0
UT3IA	SOLP	9,636	226	44	64	48	114	0	0
UY5UF	SOLP	9,180	173	54	35	63	75	0	0
UR3AC	SOLP	6,556	150	44	40	30	80	0	0
UR4QX	SOLP	6,068	153	41	44	0	109	0	0
UXØFF	SOHP	3,838	103	38	20	23	60	0	0
UT2EF	SOLP	3,528	127	28	61	60	6	0	0

UR7EC	SOLP	3,240	110	30	17	31	62	0	0	
UR4MVK	SOLP	2,030	71	29	0	71	0	0	0	
UR3UK	SOLP	1,872	79	24	39	15	25	0	0	
UX8ZA	SOLP	705	49	15	0	0	49	0	0	
UR6QV	SOLP	12	4	3	1	3	0	0	0	
UR7GO	SOULP	98,792	941	106	159	394	388	0	0	
UX1UX	SOULP	53,295	643	85	202	179	262	0	0	
US7VF	SOULP	35,178	459	78	134	235	90	0	0	
UV7V (UX1VT, op)	SOULP	33,252	498	68	160	178	160	0	0	
UW8SM	SOULP	25,086	353	74	181	110	62	0	0	
US7KC	SOULP	20,526	320	66	141	96	83	0	0	
UX7QV	SOULP	19,366	436	46	135	164	137	0	0	
UZ1WW	SOUHP	18,881	239	79	79	37	123	0	0	
UT8EL	SOULP	11,682	199	59	0	51	148	0	0	
UR5LY	SOULP	9,154	203	46	6	119	78	0	0	
UY7C	SOULP	9,063	172	53	11	28	133	0	0	
UX2HH	SOULP	6,604	135	52	0	135	0	0	0	
UR5WCW	SOULP	4,410	95	49	0	46	49	0	0	
US5EOI	SOULP	3,420	78	45	10	68	0	0	0	
UTØEA	SOULP	2,418	63	39	0	63	0	0	0	
UR5KDK	SOULP	486	32	18	32	0	0	0	0	
UZ2I	MSHP	49,770	654	79	84	276	294	0	0	(Ops: URØIM, UT2II, UT2IV, UY2IF)
<b>Wales</b>										
GW5NF	SOHP	14,000	203	70	31	76	96	0	0	
MW9W (GWØKRL, op)	SOLP	11,900	239	50	47	74	118	0	0	
GWØA (GW4SKA, op)	SOUHP	66,862	668	101	21	279	368	0	0	
MWØCRI	SOULP	9,728	156	64	0	0	156	0	0	
GW4TSG	SOULP	1,462	43	34	2	3	38	0	0	
<b>North America</b>										
<b>Costa Rica</b>										
TI2OY	SOLP	33,232	511	67	0	147	323	41	0	
<b>Cuba</b>										
CO2RQ	SOLP	22,080	356	64	11	200	118	27	0	
CO6RD	SOLP	20,520	352	60	0	240	62	50	0	
<b>Dominican Republic</b>										
HI3T	SOLP	109,242	1,088	102	8	152	592	336	0	
HI8PJP	SOLP	9,288	186	54	0	73	54	59	0	
HI8DL	SOULP	22,230	294	78	1	120	168	5	0	
HI8ESF	SOULP	6,900	139	50	0	66	73	0	0	
HI8PLE	SOULP	2,183	61	37	50	0	4	7	0	
<b>Grenada</b>										
J35X	SOULP	40,629	469	87	0	195	232	42	0	
<b>Guatemala</b>										
TG9ADQ	SOLP	16,416	292	57	0	11	260	21	0	
TG9ANF	SOULP	35,712	505	72	0	230	138	137	0	
<b>Haiti</b>										
HH2AA (W2HUV, op)	SOULP	17,816	267	68	22	104	117	24	0	
<b>Mexico</b>										
XE1FJM	SOULP	18,112	291	64	12	60	152	67	0	
XE2BCS	SOULP	9,650	207	50	21	88	98	0	0	
XE2NBL	SOULP	5,848	141	43	0	85	44	12	0	
XE1USG	SOULP	418	24	19	20	1	0	3	0	
XE2N	MSLP	2,242	92	38	0	0	88	4	0	(Ops: XE2DLC, XE2N)
<b>Puerto Rico</b>										

KP4KE	SOLP	11,834	203	61	0	151	29	23	0
<b>Oceania</b>									
<b>Australia</b>									
VK7BO	SOHP	780	44	20	0	14	18	11	1
VK4SN	SOHP	234	42	6	0	1	22	17	2
VK5GR	SOULP	11,480	208	56	0	83	124	1	0
VK6DW	SOULP	3,712	130	29	0	17	113	0	0
VK4QH	SOULP	1,098	62	18	0	36	23	3	0
VK4QG	SOULP	418	39	11	0	0	39	0	0
VK3TNL	SOULP	12	4	4	0	2	0	2	0
<b>East Malaysia</b>									
9W8DEN	SOULP	1,515	103	15	0	103	0	0	0
<b>Hawaii</b>									
KH6ZM	SOHP	72,829	1,098	67	45	270	437	346	0
KH6GMP	SOLP	3,384	97	36	0	0	97	0	0
NH6Y	SOUHP	18,605	314	61	2	178	113	20	1
AH6NF	SOULP	180	33	6	0	0	31	2	0
<b>Indonesia</b>									
YB1BML	SOLP	2,635	87	31	0	0	87	0	0
YC4FIK	SOLP	680	37	20	0	0	37	0	0
YB7WR	SOLP	90	15	6	0	0	15	0	0
YB3HQM	SOLP	40	10	4	0	10	0	0	0
YB5QZ	SOULP	8,771	188	49	0	86	102	0	0
YC7MP	SOULP	6,615	197	35	0	117	79	1	0
YB8RW	SOULP	6,293	208	31	0	91	111	6	0
YD9ATS	SOULP	5,822	146	41	0	143	0	3	0
YD1JGE	SOULP	4,970	145	35	0	136	0	9	0
YGØTUR	SOULP	2,790	100	30	0	99	0	1	0
YD7YGR	SOULP	2,484	114	23	0	114	0	0	0
YB8TK	SOULP	2,340	118	20	0	58	60	0	0
YB1BJV	SOUHP	2,024	88	23	0	60	28	0	0
YB3BME	SOULP	2,016	113	18	0	51	61	1	0
YC6RMT	SOUHP	1,628	80	22	0	2	78	0	0
YC1JQC	SOULP	1,280	69	20	0	69	0	0	0
YC2VOC	SOUHP	1,080	74	15	0	23	50	1	0
YC3ATK	SOULP	1,035	48	23	0	48	0	0	0
YD2YSW	SOULP	976	62	16	0	62	0	0	0
YD2DSV	SOULP	828	71	12	0	69	0	2	0
YC1BA	SOULP	770	64	14	0	1	63	0	0
YB4NY	SOULP	715	69	11	0	30	39	0	0
YD2YDX	SOULP	702	55	13	0	55	0	0	0
YC4KAR	SOULP	639	76	9	0	51	22	3	0
YCØBAS	SOULP	612	52	12	0	12	39	1	0
YB8UM	SOULP	486	29	18	0	24	5	0	0
YD2KJC	SOULP	462	44	11	0	43	0	1	0
YC1BD	SOULP	456	39	12	0	32	7	0	0
YB1IM	SOULP	350	38	10	0	28	10	0	0
YB7SKM	SOULP	350	36	10	0	24	12	0	0
YC8OBM	SOULP	350	52	7	0	40	11	1	0
YG8AIK	SOULP	306	35	9	0	34	0	1	0
YB6DE	SOULP	297	27	11	0	25	2	0	0
YD1BJJ	SOULP	264	35	8	0	35	0	0	0
YD8UYJ (YD9UYJ, op)	SOULP	250	25	10	0	25	0	0	0
YC3BGM	SOULP	248	31	8	0	29	2	0	0

YD9KXX	SOULP	240	31	8	0	31	0	0	0
YD1WCK	SOULP	203	32	7	0	32	0	0	0
YDØRXA	SOULP	162	28	6	0	26	0	2	0
YC8FXI	SOULP	69	30	3	0	30	0	0	0
YF3ESW	SOULP	60	15	5	0	10	5	0	0
YC9CT	SOULP	56	14	4	0	14	0	0	0
YC7MIB	SOULP	51	17	3	0	17	0	0	0
YB9BCS	SOULP	36	12	4	0	1	11	0	0
YB9JA	SOULP	24	9	3	0	0	0	9	0
YG3FBV	SOULP	4	2	2	0	2	0	0	0
<b>New Zealand</b>									
ZL3VZ	SOLP	3,528	92	42	0	10	60	19	3
ZM2B (ZL2BR, op)	SOUHP	11,446	201	59	0	66	46	88	1
ZM1A (ZL3CW, op)	SOUHP	10,248	189	56	2	31	131	25	0
ZL3TE	SOULP	4,720	122	40	0	59	8	55	0
ZL2RX	SOULP	528	34	16	0	18	11	3	2
<b>Philippines</b>									
DU3LA	SOLP	5,880	214	28	0	61	103	48	2
DU1JM	SOULP	2,310	105	22	1	50	53	1	0
DX3H	MSLP	9,288	265	36	1	73	161	29	1
									(Ops: 4F3BZ, 4F3NS, 4F3OM, 4G1AXA, DU3CQ, DU3SE, DV3GLQ, DV3SSP, DW3MLO, DY3ZLL)
<b>South America</b>									
<b>Argentina</b>									
LU1KCQ	SOHP	6,496	123	56	0	0	122	1	0
LU5DF	SOLP	208	19	13	0	3	11	5	0
L77D (LU6DC, op @LU6	SOULP	11,776	189	64	0	4	109	76	0
LW2Eiy	SOULP	8,151	147	57	0	20	66	61	0
LU3HY	SOULP	7,500	157	50	0	25	88	44	0
LW5DR	SOULP	7,399	153	49	0	12	62	79	0
LW5DD	SOULP	3,330	95	37	0	0	68	27	0
LU2BN	SOULP	3,116	93	41	0	0	93	0	0
LT7F (LU6FOV, op)	SOULP	2,340	65	36	0	0	65	0	0
LU2JCW	SOULP	2,268	63	36	0	32	23	8	0
LU1UMM	SOULP	585	39	15	0	12	8	19	0
LU9ERA	SOULP	560	38	16	0	1	37	0	0
LU3DCS	SOULP	434	35	14	0	12	15	8	0
LU8DZJ	SOULP	432	37	12	0	5	30	2	0
LU2FDA	SOULP	250	26	10	0	10	16	0	0
LU3EBG	SOULP	28	7	4	0	3	0	4	0
LW9EYP	SOULP	12	6	2	0	0	6	0	0
<b>Aruba</b>									
P49X (WØYK, op)	SOUHP	309,348	2,667	117	188	643	1143	693	0
<b>Brazil</b>									
PY2CX	SOLP	14,310	276	53	0	0	0	276	0
PY2RKG	SOLP	1,029	50	21	0	0	18	32	0
PY2SHF	SOUHP	99,678	929	111	10	156	435	327	1
PY2MNL	SOULP	78,584	848	94	0	235	301	312	0
PY4AZ	SOULP	28,635	347	83	0	119	227	1	0
PY2APK	SOULP	21,338	229	94	0	73	89	67	0
PY5EJ	SOULP	9,462	168	57	4	9	151	4	0
PY2OKB	SOULP	9,075	167	55	0	29	0	138	0
PP1WW	SOULP	7,182	135	57	4	31	59	41	0
PY5ZHP	SOUHP	6,624	147	46	0	0	50	97	0

PY4LH	SOULP	6,102	119	54	0	32	54	33	0
PY2GIG	SOULP	6,050	123	50	2	16	83	22	0
PY2XZ	SOULP	4,416	99	46	0	14	0	85	0
PY1KB	SOULP	3,330	94	37	3	0	31	58	2
PU2YFR	SOULP	2,304	75	32	9	0	0	66	0
PU1JSV	SOULP	2,294	82	31	7	0	0	73	2
PR4C (PY2TI, op)	SOULP	2,052	60	36	6	10	41	3	0
PY2LPM	SOULP	2,048	72	32	0	14	40	18	0
PY2SR	SOULP	1,848	69	33	0	30	0	39	0
PY2XV	SOULP	1,617	53	33	0	0	50	3	0
PY2NF	SOULP	1,457	51	31	0	3	48	0	0
PY5DD	SOULP	1,189	43	29	0	0	37	6	0
PU2ATS	SOULP	779	41	19	21	0	0	20	0
PY2DPM	SOULP	680	38	20	0	3	17	18	0
PU2LRZ	SOULP	620	33	20	1	0	0	32	0
PY2OSD	SOULP	352	33	11	0	2	17	14	0
PY2GZ	SOULP	195	15	13	0	0	15	0	0
PY2MIA	SOULP	144	18	9	0	0	8	10	0
PY2CP	SOULP	126	14	9	0	14	0	0	0
PU5MFI	SOULP	121	14	11	0	0	0	14	0
PU1MIL	SOULP	56	8	7	0	0	0	8	0
PU2XSK	SOULP	54	11	6	1	0	0	10	0
PU2UAH	SOULP	44	12	4	1	0	0	11	0
PY1IC	SOULP	42	12	6	0	0	6	6	0
<b>Chile</b>									
CE7VPQ	SOLP	4,232	98	46	0	0	98	0	0
XQ1KN	SOULP	10,584	177	63	0	1	152	24	0
CB3ET	MSLP	2,368	67	37	0	0	67	0	0 (Ops: CA3GCA, CA3KRM, CE3CBM)
<b>Ecuador</b>									
HC1JQ	SOLP	120	12	10	0	0	12	0	0
<b>Paraguay</b>									
ZP4KFX	SOULP	9,834	156	66	9	39	52	56	0
ZP5DNB	SOULP	512	36	16	0	0	36	0	0
<b>Peru</b>									
OA4DOS	SOULP	1,220	64	20	0	6	36	22	0
<b>Suriname</b>									
PZ5RA	SOHP	131,325	1,288	103	0	208	841	239	0
<b>Uruguay</b>									
CX7SS	SOULP	21,080	314	68	0	0	0	314	0
<b>Venezuela</b>									
YV5EMG	SOLP	11,446	202	59	0	70	125	7	0
YV1KK	SOULP	143,982	1,288	114	14	256	606	409	3
YV4BCD	SOULP	10,320	182	60	0	77	105	0	0
YW6CQ (YV6BXN, op)	SOULP	2,944	72	46	0	61	10	1	0
YV4ABR	SOULP	2,106	71	39	18	19	16	18	0
YY5AEP	SOULP	1,008	40	28	0	39	0	0	1

Checklogs: AB5XM, AI9K, CX2AQ, HG1G, IW2MZ, IZØKBR, JH4GLG, K1SX, KI6RRN, KM4ALP, KV4T, LY6A, NØSUW, N6FUB, N7ELB, N8OO, OK2BHD, OK4FX, OO4O, PA2ALF, R6YY, RA3TT, RT6N, S51J, SP3JDZ, SV1GRB, UT7UX, W7VO, WA1Z.