

	142,5929249	34	8	0,885193392	EL	FI	FI
36	EFHK	60,3172	24,963301	EFTU	60,514099	22,2628	272,4027397
150,0178307		34	10	0,801184529	EL	FI	FI
37	EFHK	60,3172	24,963301	EFVA	63,050701	21,762199	
456,9205479		347,9949547	76	8	0,751514059	H2FC	FI
38	EFHK	60,3172	24,963301	ENGM	60,193901	11,1004	1461,169863
764,3623879		76	20	0,961295963	H2FC	FI	NO
39	EFHK	60,3172	24,963301	ESGG	57,66279984	12,27980042	
648,909589		783,5710868	76	10	0,853828407	H2FC	FI
40	EFHK	60,3172	24,963301	ESSA	59,65190125	17,91860008	
3410,076712		399,0222243	220	16	0,968771793	SAF	FI
41	EFHK	60,3172	24,963301	ESSB	59,354444	17,939722	
374,0465753		407,0107335	76	6	0,820277578	H2FC	FI
42	EFIV	68,6072998	27,40530014	EFHK	60,3172	24,963301	
501,7452055		930,0938419	76	8	0,825238825	H2FC	FI
43	EFKT	67,7009964	24,84679985	EFHK	60,3172	24,963301	
589,2958904		821,994089	76	8	0,969236662	H2FC	FI
44	EFKU	63,007099	27,7978	EFHK	60,3172	24,963301	562,9424658
334,7380102		76	8	0,925892213	H2FC	FI	FI
45	EFOU	64,930099	25,354601	EFHK	60,3172	24,963301	
2620,054795		513,9026336	220	12	0,992444998	SAF	FI
46	EFRO	66,56479645	25,83040047	EFHK	60,3172	24,963301	
1489,249315		696,812305	76	20	0,979769286	H2FC	FI
47	EFTP	61,414101	23,604401	EFHK	60,3172	24,963301	
235,2931507		142,5931932	34	8	0,865048348	EL	FI
48	EFTP	61,414101	23,604401	ESSA	59,65190125	17,91860008	
146,8931507		367,818202	76	2	0,966402307	H2FC	FI
49	EFTU	60,514099	22,2628	EFHK	60,3172	24,963301	267,4958904
150,0181365		34	8	0,983440774	EL	FI	FI
50	EFTU	60,514099	22,2628	ESSA	59,65190125	17,91860008	
236,4410959		259,5288876	34	8	0,869268735	EL	FI
51	EFVA	63,050701	21,762199	EFHK	60,3172	24,963301	
454,9452055		347,9957185	76	6	0,997686854	H2FC	FI
52	EFVA	63,050701	21,762199	ESSA	59,65190125	17,91860008	
247,9342466		430,2207851	76	4	0,81557318	H2FC	FI
53	ESDF	56,25516572	15,2666662	ESSA	59,65190125	17,91860008	
317,9561644		409,2120093	76	6	0,69727229	H2FC	SE
54	ESDF	56,25516572	15,2666662	ESSB	59,354444	17,939722	
240,9178082		379,6283276	76	4	0,79249279	H2FC	SE
55	ESGG	57,66279984	12,27980042	EKCH	55,618056	12,656111	
753,890411		228,7859209	34	24	0,923885308	EL	SE
56	ESGG	57,66279984	12,27980042	EFHK	60,3172	24,963301	
648,5178082		783,5731753	76	10	0,853312906	H2FC	SE
57	ESGG	57,66279984	12,27980042	ENGM	60,193901	11,1004	
159,0356164		289,7876905	34	6	0,779586355	H2FC	SE
58	ESGG	57,66279984	12,27980042	ESSA	59,65190125	17,91860008	
2145,465753		394,3113015	220	10	0,975211706	SAF	SE
59	ESGG	57,66279984	12,27980042	ESSB	59,354444	17,939722	
948,8	379,019221	76	14	0,891729323	H2FC	SE	SE
60	ESMQ	56,67853747	16,28802004	ESSA	59,65190125	17,91860008	
286,2246575		344,5428909	76	4	0,941528479	H2FC	SE
61	ESMQ	56,67853747	16,28802004	ESSB	59,354444	17,939722	
228,8657534		313,3784894	76	4	0,752847873	H2FC	SE
62	ESMS	55,53579534	13,37233971	ESSA	59,65190125	17,91860008	
1526,643836		532,1912485	76	22	0,913064495	H2FC	SE
63	ESMS	55,53579534	13,37233971	ESSB	59,354444	17,939722	
1275,484932		505,2783017	76	18	0,932372026	H2FC	SE
64	ESMX	56,92540077	14,73195822	ESSB	59,354444	17,939722	
177,9643836		329,5369278	34	6	0,872374429	H2FC	SE
65	ESNN	62,52650241	17,43675715	ESSA	59,65190125	17,91860008	
370,2273973		321,0524337	76	6	0,811902187	H2FC	SE
66	ESNN	62,52650241	17,43675715	ESSB	59,354444	17,939722	
159,0438356		354,1622115	34	6	0,779626645	H2FC	SE
67	ESNQ	67,82603874	20,33476942	ESSA	59,65190125	17,91860008	
712,0356164		917,5339596	76	10	0,936888969	H2FC	SE
68	ESNS	64,62339452	21,06801554	ESSA	59,65190125	17,91860008	
724,4547945		577,0058701	76	10	0,953229993	H2FC	SE
69	ESNU	63,79310599	20,28932292	EFHK	60,3172	24,963301	
79,78082192		457,1009912	19	6	0,699831771	H2FC	SE
70	ESNU	63,79310599	20,28932292	ESSA	59,65190125	17,91860008	
1893,638356		477,5771192	76	26	0,958319006	H2FC	SE

ESNU	63,79310599	20,28932292	ESSB	59,354444	17,939722	
464,0493151	509,4791331	76 8	0,763239005	H2FC	SE SE	
72	ESNZ	63,19848131	14,49790395	ESSA	59,65190125	17,91860008
920,9342466	434,6557579	76 14	0,865539705	H2FC	SE SE	
73	ESNZ	63,19848131	14,49790395	ESSB	59,354444	17,939722
255,2356164	465,7024426	76 4	0,839590844	H2FC	SE SE	
74	ESPA	65,54895689	22,12365207	ESGG	57,66279984	12,27980042
60,4	1018,292174	9	8 0,83888889	SAF	SE	SE
75	ESPA	65,54895689	22,12365207	ESSA	59,65190125	17,91860008
2865,561644	690,5414864	220 14	0,930377157	SAF	SE SE	SE
76	ESSA	59,65190125	17,91860008	EKCH	55,618056	12,656111
3801,490411	547,3607729	220 18	0,959972326	SAF	SE	DK
77	ESSA	59,65190125	17,91860008	EFHK	60,3172 24,963301	
3404,539726	399,024539	220 16	0,967198786	SAF	SE	FI
78	ESSA	59,65190125	17,91860008	EFTU	60,514099	22,2628
236,6630137	259,5300269	34 8	0,870084609	EL	SE	FI
79	ESSA	59,65190125	17,91860008	EFVA	63,050701	21,762199
247,5561644	430,2226063	76 4	0,814329488	H2FC	SE	FI
80	ESSA	59,65190125	17,91860008	ENBR	60,293611	5,21056
348,9534247	710,4006398	76 6	0,765248738	H2FC	SE	NO
81	ESSA	59,65190125	17,91860008	ENGM	60,193901	11,1004
3778,915068	384,9678474	220 18	0,954271482	SAF	SE	NO
82	ESSA	59,65190125	17,91860008	ENVA	63,457802	10,924
206,2356164	562,4611541	76 4	0,678406633	H2FC	SE	NO
83	ESSA	59,65190125	17,91860008	ESDF	56,25516572	15,2666662
316,660274	409,213934	76 6	0,694430425	H2FC	SE	SE
84	ESSA	59,65190125	17,91860008	ESGG	57,66279984	12,27980042
2145,687671	394,3129089	220 10	0,975312578	SAF	SE	SE
85	ESSA	59,65190125	17,91860008	ESMQ	56,67853747	16,28802004
287,290411	344,5442414	76 4	0,945034247	H2FC	SE	SE
86	ESSA	59,65190125	17,91860008	ESMS	55,53579534	13,37233971
1528,049315	532,193251	76 22	0,913905093	H2FC	SE	SE
87	ESSA	59,65190125	17,91860008	ESNN	62,52650241	17,43675715
369,7643836	321,0535411	76 6	0,810886806	H2FC	SE	SE
88	ESSA	59,65190125	17,91860008	ESNO	63,4118879	18,99138011
225,030137	422,4077993	76 4	0,740230714	H2FC	SE	SE
89	ESSA	59,65190125	17,91860008	ESNQ	67,82603874	20,33476942
713,4630137	917,5371244	76 10	0,938767123	H2FC	SE	SE
90	ESSA	59,65190125	17,91860008	ESNS	64,62339452	21,06801554
726,2027397	577,0078603	76 10	0,955529921	H2FC	SE	SE
91	ESSA	59,65190125	17,91860008	ESNU	63,79310599	20,28932292
1893,249315	477,5786916	76 26	0,958122123	H2FC	SE	SE
92	ESSA	59,65190125	17,91860008	ESNZ	63,19848131	14,49790395
922,1972603	434,6571209	76 14	0,866726748	H2FC	SE	SE
93	ESSA	59,65190125	17,91860008	ESPA	65,54895689	22,12365207
2866,027397	690,5434352	220 14	0,930528376	SAF	SE	SE
94	ESSA	59,65190125	17,91860008	ESSV	57,66081974	18,3383648
411,4054795	222,9794247	34 14	0,864297226	EL	SE	SE
95	ESSA	59,65190125	17,91860008	ESTA	56,28738479	12,86804508
474,8191781	478,4784099	76 8	0,780952596	H2FC	SE	SE
96	ESSB	59,354444	17,939722	EFHK	60,3172 24,963301	
373,7287671	407,0142432	76 6	0,81958063	H2FC	SE	FI
97	ESSB	59,354444	17,939722	ESDF	56,25516572	15,2666662
241,139726	379,630887	76 4	0,793222783	H2FC	SE	SE
98	ESSB	59,354444	17,939722	ESGG	57,66279984	12,27980042
948,9753425	379,0215385	76 14	0,891894119	H2FC	SE	SE
99	ESSB	59,354444	17,939722	ESGT	58,31662226	12,35040768
101,430137	341,9678867	76 2	0,667303533	H2FC	SE	SE
100	ESSB	59,354444	17,939722	ESMK	55,9241312	14,08117614
108,9917808	445,5745273	76 2	0,71705119	H2FC	SE	SE
101	ESSB	59,354444	17,939722	ESMQ	56,67853747	16,28802004
228,8054795	313,3804547	76 4	0,752649603	H2FC	SE	SE
102	ESSB	59,354444	17,939722	ESMS	55,53579534	13,37233971
1275,063014	505,2813912	76 18	0,932063607	H2FC	SE	SE
103	ESSB	59,354444	17,939722	ESMT	56,68191638	12,81497511
299,6767123	423,8274698	76 4	0,985778659	H2FC	SE	SE
104	ESSB	59,354444	17,939722	ESMX	56,92540077	14,73195822
178,1726027	329,5389945	34 6	0,873395111	H2FC	SE	SE
105	ESSB	59,354444	17,939722	ESNN	62,52650241	17,43675715
159,2246575	354,164377	34 6	0,780513027	H2FC	SE	SE
106	ESSB	59,354444	17,939722	ESNU	63,79310599	20,28932292
464,2849315						

107	509,4819288	76	8	0,763626532	H2FC	SE	SE
254,8219178	59,354444	17,939722	ESNZ	63,19848131		14,49790395	
108	465,7049251	76	4	0,838229993	H2FC	SE	SE
617,2739726	59,354444	17,939722	ESSV	57,66081974		18,3383648	
109	189,9575588	34	20	0,907755842	EL	SE	SE
556,3232877	59,354444	17,939722	ESTA	56,28738479		12,86804508	
110	454,7081596	76	8	0,915005407	H2FC	SE	SE
83,73150685	57,66081974	18,3383648	ESGG	57,66279984		12,27980042	
111	360,6566673	19	6	0,734486902	H2FC	SE	SE
52,35068493	57,66081974	18,3383648	ESMS	55,53579534		13,37233971	
112	385,3032263	34	2	0,769863014	H2FC	SE	SE
410,3452055	57,66081974	18,3383648	ESSA	59,65190125		17,91860008	
113	222,9800539	34	14	0,862069759	EL	SE	SE
616,7041096	57,66081974	18,3383648	ESSB	59,354444		17,939722	
114	189,9577078	34	20	0,906917808	EL	SE	SE
474,4438356	56,28738479	12,86804508	ESSA	59,65190125		17,91860008	
115	478,4798352	76	8	0,780335256	H2FC	SE	SE
553,9260274	56,28738479	12,86804508	ESSB	59,354444		17,939722	
116	454,7085873	76	8	0,911062545	H2FC	SE	SE
257,1683907	62,5625 6,1197	ENBR	60,293611	5,21056 359,2082192			
117	34 12	0,880412302	EL	NO	NO		
374,0670044	62,5625 6,1197	ENGM	60,193901	11,1004 1794,079452			
118	76 24	0,983596191	H2FC	NO	NO		
262,3075908	62,5625 6,1197	ENVA	63,457802	10,924 151,0246575			
119	34 6	0,740316949	EL	NO	NO		
472,9534247	69,97609711	23,37170029	ENGM	60,193901		11,1004	
120	1226,393551	76	8	0,777883922	H2FC	NO	NO
460,630137	69,97609711	23,37170029	ENTC	69,683296		18,9189	
121	173,9613147	34	14	0,967710372	EL	NO	NO
67,06575342	67,269203	14,3653 ENAN		69,292503		16,144199	
122	236,8369379	34	2	0,98626108	EL	NO	NO
222,9121168	67,269203	14,3653 ENBN		65,461098		12,2175 94,52054795	
123	34 4	0,695004029	EL	NO	NO		
895,5715994	67,269203	14,3653 ENBR		60,293611		5,21056 136,5726027	
124	76 2	0,898503965	H2FC	NO	NO		
115,0219178	67,269203	14,3653 ENEV		68,49130249		16,67810059	
125	167,0326113	34	4	0,845749396	EL	NO	NO
803,624794	67,269203	14,3653 ENGM		60,193901		11,1004 2293,786301	
126	220 12	0,868858447	SAF	NO	NO		
297,6712329	67,269203	14,3653 ENLK		68,15249634		13,6093998	
127	103,3788357	34	10	0,875503626	EL	NO	NO
173,0205678	67,269203	14,3653 ENMS		65,783997		13,2149 73,45479452	
128	19 4	0,966510454	EL	NO	NO		
130,7260274	67,269203	14,3653 ENRA		66,36389923		14,30140018	
129	100,8199442	34	4	0,96122079	EL	NO	NO
109,1927176	67,269203	14,3653 ENSH		68,243301		14,6692 214,7123288	
130	34 8	0,789383562	EL	NO	NO		
216,2027397	67,269203	14,3653 ENSK		68,578827		15,033417	
131	148,4446392	34	8	0,794863014	EL	NO	NO
168,4097146	67,269203	14,3653 ENST		65,956802		12,4689 69,75616438	
132	19 4	0,917844268	EL	NO	NO		
326,6393807	67,269203	14,3653 ENTC		69,683296		18,9189 352,2273973	
133	76 6	0,772428503	H2FC	NO	NO		
453,1897383	67,269203	14,3653 ENVA		63,457802		10,924 409,4821918	
134	76 6	0,897987263	H2FC	NO	NO		
1183,049315	60,293611	5,21056 EKCH		55,618056		12,656111	
1085,226463	680,5815846	76 16	0,972902397	H2FC	NO	DK	
135	60,293611	5,21056 EFHK		60,3172 24,963301		152,0410959	
136	90 2	0,844672755	SAF	NO	FI		
257,1691971	60,293611	5,21056 ENAL		62,5625 6,1197		356,2328767	
137	34 12	0,873119796	EL	NO	NO		
895,5735651	60,293611	5,21056 ENBO		67,269203		14,3653 167,6438356	
138	120 2	0,698515982	SAF	NO	NO		
284,3527524	60,293611	5,21056 ENCN		58,2038889		8,085 410,0739726	
139	76 6	0,899285028	H2FC	NO	NO		
161,2410959	60,293611	5,21056 ENFL		61,58359909		5,024720192	
140	143,9565128	34	6	0,790397529	EL	NO	NO
325,4998904	60,293611	5,21056 ENGM		60,193901		11,1004 5489,276712	
141	220 26	0,959663761	SAF	NO	NO		
171,9178082	60,293611	5,21056 ENKB		63,1119444		7,8261111	
142	342,6982385	34	6	0,842734354	H2FC	NO	NO

ENBR	60,293611	5,21056	ENML	62,744722	7,2625	143,9232877
293,76851	76 2	0,946863735	H2FC	NO	NO	
143	ENBR	60,293611	5,21056	ENTC	69,683296	18,9189 301,9945205
1222,10782	76 4	0,993403028	H2FC	NO	NO	
144	ENBR	60,293611	5,21056	ENTO	59,186666	10,258611
435,9561644	308,7345029	76 6	0,95604422	H2FC	NO	NO
145	ENBR	60,293611	5,21056	ENVA	63,457802	10,924 946,8821918
462,2226014	76 14	0,889926872	H2FC	NO	NO	
146	ENBR	60,293611	5,21056	ENZV	58,876701	5,63778 1407,794521
159,56115	76 20	0,926180606	H2FC	NO	NO	
147	ENBR	60,293611	5,21056	ESSA	59,65190125	17,91860008
378,6657534	710,4081022	76 6	0,830407354	H2FC	NO	SE
148	ENCN	58,2038889	8,085	EKCH	55,618056	12,656111
212,1643836	399,8892938	76 4	0,697909156	H2FC	NO	DK
149	ENCN	58,2038889	8,085	ENBR	60,293611	5,21056 410,1424658
284,3532428	76 6	0,899435232	H2FC	NO	NO	
150	ENCN	58,2038889	8,085	ENGM	60,193901	11,1004 1397,471233
280,3405692	76 20	0,919388969	H2FC	NO	NO	
151	ENCN	58,2038889	8,085	ENVA	63,457802	10,924 166,5972603
604,6779035	120 2	0,694155251	SAF	NO	NO	
152	ENDU	69,05580139	18,54039955	ENGM	60,193901	11,1004
673,0465753	1046,655296	76 10	0,885587599	H2FC	NO	NO
153	ENEV	68,49130249	16,67810059	ENBO	67,269203	14,3653
84,95068493	167,0333707	19 6	0,745181447	EL	NO	NO
154	ENEV	68,49130249	16,67810059	ENGM	60,193901	11,1004
1656,769863	961,081596	76 22	0,990891066	H2FC	NO	NO
155	ENEV	68,49130249	16,67810059	ENTC	69,683296	18,9189
59,01643836	159,7802077	34 2	0,867888799	EL	NO	NO
156	ENEV	68,49130249	16,67810059	ENVA	63,457802	10,924
117,5972603	617,4574104	76 2	0,773666186	H2FC	NO	NO
157	ENGM	60,193901	11,1004	EKBI	55,740278	9,151944
486,4438356	508,9086773	76 8	0,800072098	H2FC	NO	DK
158	ENGM	60,193901	11,1004	EKCH	55,618056	12,656111
4027,835616	517,6049603	220 20	0,915417186	SAF	NO	DK
159	ENGM	60,193901	11,1004	EFHK	60,3172 24,963301	1405,827397
764,3768884	76 20	0,924886446	H2FC	NO	FI	
160	ENGM	60,193901	11,1004	ENAL	62,5625 6,1197	1794,117808
374,0695262	76 24	0,983617219	H2FC	NO	NO	
161	ENGM	60,193901	11,1004	ENAT	69,97609711	23,37170029
473,6767123	1226,401626	76 8	0,77907354	H2FC	NO	NO
162	ENGM	60,193901	11,1004	ENBO	67,269203	14,3653 2294,857534
803,6294557	220 12	0,869264218	SAF	NO	NO	
163	ENGM	60,193901	11,1004	ENBR	60,293611	5,21056 5488,783562
325,5010642	220 26	0,959577546	SAF	NO	NO	
164	ENGM	60,193901	11,1004	ENCN	58,2038889	8,085 1397,372603
280,3411845	76 20	0,919324081	H2FC	NO	NO	
165	ENGM	60,193901	11,1004	ENDU	69,05580139	18,54039955
673,0465753	1046,65743	76 10	0,885587599	H2FC	NO	NO
166	ENGM	60,193901	11,1004	ENEV	68,49130249	16,67810059
1656,879452	961,0834042	76 22	0,99095661	H2FC	NO	NO
167	ENGM	60,193901	11,1004	ENHD	59,3433333	5,2125 1298,882192
343,2031353	76 18	0,949475286	H2FC	NO	NO	
168	ENGM	60,193901	11,1004	ENKB	63,1119444	7,8261111
509,0465753	367,9672312	76 8	0,837247657	H2FC	NO	NO
169	ENGM	60,193901	11,1004	ENKR	69,7258 29,8913	604,5890411
1370,248574	76 8	0,99438987	H2FC	NO	NO	
170	ENGM	60,193901	11,1004	ENML	62,744722	7,2625 969,8958904
349,5591536	76 14	0,911556288	H2FC	NO	NO	
171	ENGM	60,193901	11,1004	ENOV	62,18000031	6,074100018
229,139726	348,5606519	76 4	0,753749099	H2FC	NO	NO
172	ENGM	60,193901	11,1004	ENSB	78,24610138	15,46560001
318,9452055	2015,674593	220 2	0,724875467	SAF	NO	NO
173	ENGM	60,193901	11,1004	ENTC	69,683296	18,9189 3405,375342
1116,757169	220 16	0,967436177	SAF	NO	NO	
174	ENGM	60,193901	11,1004	ENVA	63,457802	10,924 5771,068493
363,4675197	220 28	0,936861768	SAF	NO	NO	
175	ENGM	60,193901	11,1004	ENZV	58,876701	5,63778 4606,39726
341,2768071	220 22	0,951734971	SAF	NO	NO	
176	ENGM	60,193901	11,1004	ESSA	59,65190125	17,91860008
3858,915068	384,9735812	220 18	0,974473502	SAF	NO	SE
177	ENHD	59,3433333	5,2125	ENGM	60,193901	11,1004 1297,10411
343,2036733						

ENVA	63,457802	10,924	ENGM	60,193901	11,1004	5757,306849
363,4697421	220 28	0,934627735	SAF	NO	NO	
214	ENVA	63,457802	10,924	ENMS	65,783997	13,2149 124,539726
281,0427563	76 2	0,819340303	H2FC	NO	NO	
215	ENVA	63,457802	10,924	ENNM	64,472198	11,5786 87,38082192
117,3678694	19 6	0,766498438	EL	NO	NO	
216	ENVA	63,457802	10,924	ENRA	66,36389923	14,30140018
140,3315068	360,5503605	76 2	0,923233598	H2FC	NO	NO
217	ENVA	63,457802	10,924	ENRM	64,83830261	11,14610004
74,6109589	154,0609568	19 4	0,981723143	EL	NO	NO
218	ENVA	63,457802	10,924	ENST	65,956802	12,4689 102,2630137
287,7182367	76 2	0,672782985	H2FC	NO	NO	
219	ENVA	63,457802	10,924	ENTO	59,186666	10,258611
276,8246575	476,8022153	76 4	0,910607426	H2FC	NO	NO
220	ENVA	63,457802	10,924	ENZV	58,876701	5,63778 356,1205479
583,1976732	76 6	0,780966114	H2FC	NO	NO	
221	ENVA	63,457802	10,924	ESSA	59,65190125	17,91860008
205,3041096	562,4734116	76 4	0,675342466	H2FC	NO	SE
222	ENZV	58,876701	5,63778	EKCH	55,618056	12,656111
806,4219178	556,5252132	76 12	0,884234559	H2FC	NO	DK
223	ENZV	58,876701	5,63778	ENBR	60,293611	5,21056 1581,734247
159,5630762	76 22	0,946013305	H2FC	NO	NO	
224	ENZV	58,876701	5,63778	ENGM	60,193901	11,1004 4605,290411
341,2794289	220 22	0,951506283	SAF	NO	NO	
225	ENZV	58,876701	5,63778	ENTO	59,186666	10,258611
218,8684932	266,8824347	34 8	0,804663578	EL	NO	NO
226	ENZV	58,876701	5,63778	ENVA	63,457802	10,924 355,0849315
583,1982218	76 6	0,778695025	H2FC	NO	NO	
227	ENZV	58,876701	5,63778	ESSA	59,65190125	17,91860008
75,68767123	703,0026859	50 2	0,756876712	SAF	NO	SE