

CONCORDANCE - United States to International Patent Classification

U.S. Subclass	IPC Subclass	IPC Notation	U.S. Subclass	IPC Subclass	IPC Notation	U.S. Subclass	IPC Subclass	IPC Notation	U.S. Subclass	IPC Subclass	IPC Notation	U.S. Subclass	IPC Subclass	IPC Notation
U.S. CLASS 433--Con.														
31	A 61 C	1 / 00		A 61 C	13 / 225		G 09 B	11 / 02	345-354	G 09 B	3 / 00	47	C 12 P	35 / 00
32	A 61 C	19 / 00	184-188	A 61 C	13 / 24	167	G 09 B	1 / 00	353-362	G 09 B	7 / 00	48	C 12 P	35 / 08
33	A 61 G	15 / 00	189	A 61 C	13 / 235		G 09 B	19 / 00	357	G 09 B	3 / 00	49	C 12 P	35 / 06
34	A 61 C	19 / 00	190	A 61 C	13 / 225	168	G 09 B	1 / 08	360-361	G 09 B	3 / 00	50	C 12 P	35 / 04
35-38	A 61 C	9 / 00	191-196	A 61 C	13 / 10		G 09 B	1 / 38	363-364	G 09 B	3 / 00	51	C 12 P	35 / 02
39	A 61 C	5 / 04	197-198	A 61 C	13 / 08	169	G 09 B	5 / 00	365-407	G 09 B	25 / 00	52	C 12 P	33 / 00
40-48	A 61 C	9 / 00	199.1-200.1	A 61 C	13 / 00	170	G 09 B	1 / 00	408-409	B 43 L	1 / 00	53	C 12 P	33 / 20
49	A 61 C	1 / 14	201.1	A 61 C	8 / 00	171	G 09 B	1 / 36	410	B 43 L	1 / 12	54	C 12 P	33 / 12
	A 61 C	3 / 04	202.1-212.1	A 61 C	13 / 08	172	G 09 B	1 / 00	411-421	B 43 L	1 / 00	55	C 12 P	33 / 16
50	A 61 C	3 / 00	213	A 61 C	11 / 00	173	G 09 B	1 / 24	415	B 43 L	23 / 00	56	C 12 P	33 / 18
51	A 61 C	3 / 06	214	A 61 C	9 / 00	174	G 09 B	1 / 00	417	B 43 L	21 / 00	57	C 12 P	33 / 14
52	A 61 C	3 / 00	215	A 61 C	5 / 00	175	G 09 B	1 / 28	418	B 43 L	7 / 00	58	C 12 P	33 / 06
53	A 61 C	19 / 00	216	A 61 C	15 / 00	176	G 09 B	3 / 02	422-425	B 43 L	1 / 02	59	C 12 P	33 / 08
54-67	A 61 C	11 / 00	217.1	A 61 C	5 / 00		G 09 B	7 / 02	426-429	G 09 B	25 / 00	60	C 12 P	33 / 10
59	A 61 C	19 / 00	218-222.1	A 61 C	5 / 08	177	A 63 F	9 / 00	430-431	G 09 B	29 / 00	61	C 12 P	33 / 02
68-69	A 61 C	19 / 04	223	A 61 C	5 / 10	178	G 09 B	17 / 00	432	A 47 B	39 / 00	62	C 12 P	33 / 04
70-71	A 61 C	9 / 00	224	A 61 C	5 / 02	179-181	G 09 B	17 / 04	433	A 47 B	41 / 00	63	C 12 P	31 / 00
72-73	A 61 C	19 / 04	225-227	A 61 C	5 / 04	181-183	G 09 B	17 / 02		G 09 B	19 / 00	64	C 12 P	29 / 00
74	A 61 C	19 / 00	228.1	A 61 C	5 / 00	183	G 09 B	17 / 04		G 09 B		65	C 12 P	27 / 00
75	A 61 C	3 / 00	229	A 61 B	5 / 117	184	G 09 B	17 / 00				66	C 12 P	25 / 00
76	A 61 C	3 / 02		A 61 C		185	G 09 B	19 / 04				67	C 12 P	23 / 00
77-79	A 61 C	13 / 38				186	G 09 B	23 / 00				68.1-69.1	C 12 P	21 / 06
	A 61 G	15 / 00					G 09 B	25 / 00				69.2-69.4	C 12 N	15 / 09
80	A 61 C	17 / 00					G 09 B	9 / 00				69.5	C 12 P	21 / 02
	A 61 C	17 / 02					G 09 B	23 / 02				69.51-71.3	C 12 P	21 / 04
	A 61 G	17 / 02					G 09 B	19 / 02						
81	A 61 C	5 / 02	1-10	G 09 B	9 / 00	187-188	G 09 B	23 / 02	1.1-1.3	A 01 N	1 / 00	72	C 12 P	19 / 00
	A 61 C	5 / 02	3-10	G 01 S		187-200	G 09 B	1 / 08	2	A 01 N	1 / 02	73	C 12 P	19 / 64
82	A 61 C	1 / 10	3-5	G 01 S	7 / 40	190	G 09 B	1 / 38	3	A 01 N	1 / 02	74	C 12 P	19 / 44
	A 61 C	1 / 12	6	G 01 S	7 / 52	192	B 43 L	1 / 00	4	C 12 Q	3 / 00	75	C 12 P	19 / 60
	A 61 C	17 / 02	7-10	G 09 B	9 / 56	193-196	G 09 B	1 / 00	3	C 12 Q	1 / 00	76	C 12 P	19 / 62
83	A 61 C	3 / 08	11-13	F 41 A	33 / 00	197	G 09 B	1 / 24	5	C 12 Q	1 / 70	77	C 12 P	19 / 58
84-85	A 61 C	1 / 10	14-17	G 09 B	19 / 00	198-200	G 09 B	1 / 02	6.1-6.19	C 12 Q	1 / 68	78	C 12 P	19 / 56
	A 61 C	1 / 12	16	F 41 A	33 / 00	201	G 09 B	5 / 00	7.1	G 01 N	33 / 53	79	C 12 P	19 / 46
	A 61 C	17 / 02		F 41 G	3 / 26	202-204	G 09 B	19 / 02	7.2	G 01 N	33 / 53	80	C 12 P	19 / 48
86	A 61 C	1 / 07	18	F 41 A	33 / 00	202	G 09 B	1 / 00	7.21	G 01 N	33 / 567	81	C 12 P	19 / 54
87	A 61 C	1 / 10	19-23	F 41 G	3 / 26	203-204	G 06 C	1 / 00	7.22	G 01 N	33 / 53	82	C 12 P	19 / 50
	A 61 C	1 / 12	24-25	G 09 B	19 / 00	205-210	G 09 B	1 / 00		G 01 N	33 / 569	83	C 12 P	19 / 52
	A 61 C	17 / 02	24-26	G 09 B	9 / 00	211-216	G 09 B	23 / 02	7.23	G 01 N	33 / 574	84	C 12 P	19 / 26
88	A 61 C	3 / 02	24	F 41 A	33 / 00		G 09 B	23 / 04	7.24-7.25	G 01 N	33 / 00	85	C 12 P	19 / 42
89-90	A 61 C	5 / 04	27	F 41 G	3 / 26	217-219	G 09 B	19 / 00	7.3-7.31	G 01 N	33 / 53	86	C 12 P	19 / 38
91-97	A 61 C	17 / 06	28	G 01 S		217	G 09 B	23 / 00		G 01 N	33 / 569	87	C 12 P	19 / 40
	A 61 C	17 / 14		G 09 B	9 / 00	218	G 09 B	25 / 00	7.32	G 01 N	33 / 554	88	C 12 P	19 / 30
98-101	A 61 C	1 / 02		G 09 B	9 / 26		G 09 B	9 / 00		G 01 N	33 / 569	89	C 12 P	19 / 36
102	A 61 C	5 / 02	29-71	G 09 B	19 / 16	220	G 09 B	19 / 14	7.33-7.35	G 01 N	33 / 569	90	C 12 P	19 / 34
103-109	A 61 C	1 / 00	29	G 09 B	9 / 02	221	G 09 B	19 / 00	7.36	G 01 N	33 / 571	91.4	C 12 N	15 / 64
110-111	A 61 C	1 / 06	30-59	G 09 B	9 / 08	222	G 09 B	19 / 26	7.37	G 01 N	33 / 569	91.41	C 12 N	15 / 64
	A 61 C	1 / 08	60	G 09 B	9 / 06	223-226	G 09 B	19 / 00	7.4	G 01 N	33 / 573		C 12 N	15 / 66
112	A 61 C	1 / 18	61-71	G 09 B	9 / 04	227-230	G 09 B	13 / 00	7.5-7.8	G 01 N	33 / 53	91.42	C 12 N	15 / 64
113	A 61 C	1 / 04	72-80	G 09 B	25 / 00	231-232	G 09 B	13 / 02	7.9	G 01 N	33 / 53	91.5-91.53	C 12 P	19 / 34
114	A 61 C	1 / 10	81-83	G 09 B	11 / 00	233	G 09 B	13 / 00		G 01 N	33 / 542	92	C 12 P	19 / 32
	A 61 C	3 / 00	84	G 09 B	11 / 10	234-238	G 09 B	19 / 00	7.91	G 01 N	33 / 53	93	C 12 C	1 / 00
115	A 61 C	1 / 05	85-87	G 09 B	11 / 00	234	G 09 B	25 / 02	7.92-7.95	G 01 N	33 / 00	94	C 12 P	19 / 24
116	A 61 C	1 / 16	88	G 09 B	11 / 04	239-244	G 01 S		8	C 12 Q	1 / 66	95	C 12 P	19 / 22
117	A 61 C	1 / 08		G 09 B	11 / 06		G 09 B	9 / 00	9	C 12 Q	1 / 64	96	C 12 P	19 / 20
118-124	A 61 C	1 / 07	89-92	G 09 B	11 / 00		G 09 B	9 / 26	10	C 12 Q	1 / 62	97	C 12 P	19 / 18
	A 61 C	3 / 03	93	G 09 B	25 / 08	245-251	G 09 B	19 / 00	11	C 12 Q	1 / 60	98	C 12 P	19 / 16
	A 61 C	3 / 08	94	G 09 B	19 / 10	246	A 44 C	23 / 00	12	C 12 Q	1 / 58	99	C 12 P	19 / 14
125	A 61 C	3 / 06	95	G 09 B	19 / 20	247-251	A 63 B	69 / 00	13	C 12 Q	1 / 56	100	C 12 P	19 / 12
126	A 61 C	1 / 08	96-106	G 09 B	19 / 00		G 09 B	9 / 00	14	C 12 Q	1 / 54	101	C 12 P	19 / 04
127-129	A 61 C	1 / 14	107-110	G 09 B	19 / 18	252	A 63 B	69 / 36	15	C 12 Q	1 / 48	102	C 12 P	19 / 10
130	A 61 C	1 / 12	111	G 01 C	21 / 02	253	A 63 B	69 / 18	16	C 12 Q	1 / 52	103	C 12 P	19 / 08
131	A 61 C	1 / 00		G 01 C	21 / 24	254	A 63 B	69 / 10	17	C 12 Q	1 / 50	104	C 12 P	19 / 06
132	A 61 C	1 / 05	112-114	G 09 B	21 / 00		A 63 B	69 / 12	18	C 12 Q	1 / 34	105	C 12 P	19 / 02
133	A 61 C	1 / 12	115	G 09 B	21 / 02	255-259	G 09 B	19 / 00	19	C 12 Q	1 / 44	106	C 12 P	13 / 04
134-135	A 61 C	3 / 06	116	G 06 K	9 / 00	260	G 09 B	19 / 24	20	C 12 Q	1 / 46	107	C 12 P	13 / 24
136-137	A 61 C	5 / 14	117	G 09 B	21 / 00	261	G 09 B	19 / 00	21	C 12 Q	1 / 42	108	C 12 P	13 / 22
138-139	A 61 C	5 / 12	118-127	G 09 B	19 / 00	262-275	G 09 B	23 / 28	22	C 12 Q	1 / 40	109	C 12 P	13 / 20
140	A 61 C	5 / 00	126	G 09 B	25 / 00	276	G 09 B	23 / 00	23-24	C 12 Q	1 / 37	110	C 12 P	13 / 14
141	A 61 C	3 / 00		G 09 B	9 / 00	277-282	G 09 B	23 / 26	25	C 12 Q	1 / 26	111	C 12 P	13 / 18
142	A 61 C	3 / 06	128-129	G 09 B	19 / 22	283	G 09 B	23 / 06	26	C 12 Q	1 / 32	112	C 12 P	13 / 16
143	A 61 C	17 / 00	130	G 09 B	25 / 06	284-286	G 09 B	23 / 00	27	C 12 Q	1 / 30	113	C 12 P	13 / 12
144-145	A 61 C	3 / 02	131-142	G 09 B	27 / 08		G 09 B	27 / 00	28	C 12 Q	1 / 28	114	C 12 P	13 / 10
146-147	A 61 C	3 / 00	136	G 09 B	27 / 02	287-288	G 09 B	27 / 06	29	C 12 Q	1 / 02	115	C 12 P	13 / 08
148-149	A 61 C	7 / 00	142	G 04 B	19 / 22	289	G 09 B	27 / 04	30	C 12 Q	1 / 24	116	C 12 P	13 / 06
150-151	A 61 C	3 / 08	143	G 09 B	27 / 02	290-294	G 09 B	27 / 02	31	C 12 Q	1 / 22	117	C 12 P	17 / 00
152-154	A 61 C	3 / 00	144-148	G 09 B	27 / 08	295-297	G 09 B							

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U.S. CLASS 435--Con.														
136	C 12 P	7/40	227	C 12 N	9/78	295.1	C 12 M	1/02	52-55	G 01 N	35/08	99	H 01 L	51/40
137	C 12 P	7/58	228	C 12 N	9/80		C 12 M	3/00	56	G 01 N	37/00	100-101	H 01 L	21/44
138	C 12 P	7/60	229	C 12 N	9/82	295.2	C 12 M	1/00	57-59	G 01 N	23/00	102-103	H 01 L	21/06
139	C 12 P	7/56	230	C 12 N	9/84		C 12 M	3/00	60-61	G 01 N	31/00	104	H 01 L	21/00
140	C 12 P	7/54	231	C 12 N	9/86	295.3	C 12 M	1/12		G 01 N	33/03		H 01 L	21/16
141	C 12 P	7/52	232	C 12 N	9/88		C 12 M	3/06		G 01 N	33/26	105-127	H 01 L	21/00
142	C 12 P	7/44	233	C 12 N	9/90	296.1	C 12 M	1/09	62	G 01 N	33/18	128-132	H 01 L	21/82
143	C 12 P	7/50	234	C 12 N	9/92		C 12 M	3/00	63-65	G 01 N	33/48	133-140	H 01 L	21/332
144	C 12 P	7/48	235.1	C 12 N	7/00	297.1-297.5	C 12 M	1/12	66-67	G 01 N	33/72	141	H 01 L	21/20
145	C 12 P	7/46		C 12 N	7/01	298.1	C 12 M	1/00	68	G 01 N	33/50	142-143	H 01 L	21/335
146	C 12 P	7/42	236	C 12 N	7/04		C 12 M	3/00	69-70	G 01 N	33/86		H 01 L	21/8232
147	C 12 P	7/24	237	C 12 N	7/08	298.2	C 12 M	1/10	71	G 01 N	33/92	144-148	H 01 L	21/339
148	C 12 P	7/26	238	C 12 N	7/06	299.1-299.2	C 12 M	1/14	72	G 01 N	33/00	149-166	H 01 L	21/00
149	C 12 P	7/38	239	C 12 N	7/02		C 12 M	3/04	73-84	G 01 N	33/20		H 01 L	21/84
150	C 12 P	7/28	242	C 12 N	3/00	300.1	C 12 M	1/107	85	G 01 N	33/44	167-185	H 01 L	21/338
151	C 12 P	7/36	243	C 12 N	1/00		C 12 M	3/00	86-136	G 01 N	33/00	186-196	H 01 L	21/337
152	C 12 P	7/34	244	C 12 N	1/38	301.1	C 12 M	1/21	137	G 01 N	33/22	197-198	H 01 L	21/336
153	C 12 P	7/32	245	C 12 N	1/36		C 12 M	3/00	138-146	G 01 N	33/00		H 01 L	21/8234
154	C 12 P	7/30	246	C 12 N	1/34	302.1	C 12 M	1/02	147	G 01 N	25/20	199-233	H 01 L	21/8238
155	C 12 P	7/02	247	C 12 N	1/32		C 12 M	3/00	148	G 01 N	7/00	234-236	H 01 L	21/8249
156	C 12 P	7/22	248	C 12 N	1/26	303.1-303.2	C 12 M	1/00	149	G 01 N	25/18	237	H 01 L	21/8234
157	C 12 P	7/04	249	C 12 N	1/28		C 12 M	3/00		G 01 N	27/00	238	H 01 L	21/8234
158	C 12 P	7/18	250	C 12 N	1/30	303.3	C 12 M	1/02	150	G 01 N	25/08		H 01 L	21/8244
159	C 12 P	7/20	251	C 12 N	1/24		C 12 M	3/00	151-152	G 01 N	27/416	239-256	H 01 L	21/8242
160	C 12 P	7/16	252	C 12 N	1/22	304.1-304.3	C 12 M	1/24	153	G 01 N	21/71	257-274	H 01 L	21/336
161	C 12 P	7/06	252.1	C 12 N	1/12		C 12 M	3/00	154-155	G 01 N	21/72	275	H 01 L	21/8234
162	C 12 P	7/14		C 12 N	1/20	305.1-305.4	C 12 M	1/22	156	G 01 N	25/54	276-278	H 01 L	21/8236
163	C 12 P	7/08	252.2-252.9	C 12 N	1/20		C 12 M	3/00	157-159	G 01 N	25/22	279-308	H 01 L	21/336
164	C 12 P	7/12	253.1	C 12 N	1/12	306.1	C 12 M	1/33	157	G 01 N	1/18	309-321	H 01 L	21/331
165	C 12 P	7/10		C 12 N	1/20		C 12 M	3/08	160	G 01 N	25/26		H 01 L	21/8222
166	C 12 P	5/00	253.2-253.6	C 12 N	1/20	307.1-308.1	C 12 M	1/00	161	G 01 N	30/02	322-327	H 01 L	21/8228
167	C 12 P	5/02	254.1-256.8	C 12 N	1/00		C 12 M	3/00	162	G 01 N	30/90	328-332	H 01 L	21/8222
168	C 12 P	3/00	257.1-257.6	C 12 N	1/12	309.1-309.4	C 12 M	1/26	163	G 01 N	31/16	333-335	H 01 L	21/331
169	C 12 P	1/06	258.1-258.4	C 12 N	1/10		C 12 M	3/00		G 01 N	31/22	336	H 01 L	21/8224
170	C 12 P	1/04	259	C 12 N	1/06	317.1	C 12 N	1/00	164	G 01 N	21/00	337-339	H 01 L	21/331
171	C 12 P	1/02	260	C 12 N	1/04	320.1	C 12 N	15/00		G 01 N	21/75	340	H 01 L	21/8222
173.1-173.9	C 12 N	13/00	261	C 12 N	1/02	325	C 12 N	5/00	165	G 01 N	21/03	341-378	H 01 L	21/331
174	C 12 N	11/00	262	C 02 F	3/34		C 12 N	5/02	166-168	G 01 N	21/75	379-399	H 01 L	21/20
	C 12 N	11/16		C 07 C		326-345	C 12 N	5/07	169-170	G 01 N	21/77	400-454	H 01 L	21/76
175	C 12 N	11/18		C 07 D			C 12 N	5/16	171	G 01 N	21/62	455-459	H 01 L	21/30
176	C 12 N	11/14		C 07 F		346	C 12 N	5/00	172	G 01 N	21/76		H 01 L	21/46
177	C 12 N	11/02		C 07 H		347	C 12 N	5/07	173	G 01 N	24/00	460-465	H 01 L	21/00
178	C 12 N	11/10		C 07 J		348-365.1	C 12 N	5/07	174-176	G 01 N	1/00	466-470	H 01 L	21/326
179	C 12 N	11/12		C 07 K			C 12 N	5/10	177-178	G 01 N	1/18		H 01 L	21/479
180	C 12 N	11/08	262.5	A 62 D	3/00	366-372.3	C 12 N	5/071	179-180	G 01 N	1/10	471-477	H 01 L	21/322
181	C 12 N	11/06		A 62 D	3/02	373-410	C 12 N	5/00	181	G 01 N	1/22	478-479	C 30 B	
182	C 12 N	11/04		B 09 B	3/00		C 12 N	5/02	182-183	G 01 N	33/00		H 01 L	21/20
183	C 12 N	9/00		B 09 C	1/10	411-417	C 12 N	5/04	500	G 01 N	33/53		H 01 L	21/36
184	C 12 N	9/99		C 12 S		418-419	C 12 N	5/04	501	G 01 N	33/566	480	C 30 B	
185	A 23 L	1/202	263-264	D 06 M	16/00		C 12 N	5/10	503-505	G 01 N	33/567		H 01 L	21/00
186	C 12 N	9/94	265	C 14 C	1/00	420-431	C 12 N	5/00	506-509	G 01 N	33/564	481	C 30 B	
187	C 12 N	9/98	266	A 61 L	9/01		C 12 N	5/02	510	G 01 N	33/53		H 01 L	21/20
188	C 12 N	9/96	267	C 12 P	1/00	440	C 12 N	15/00	512-513	G 01 N	33/563		H 01 L	21/36
188.5	C 07 K	16/00		C 12 S	3/00	441-448	C 12 N	15/01	514	G 01 N	33/558	482	C 30 B	
	C 12 N	9/00	268	C 07 G	15/00	449-450	C 12 N	15/02	515	G 01 N	33/559		H 01 L	21/00
	C 12 P	21/08	269	C 07 K	1/00	451	C 12 N	15/07	516	G 01 N	33/561	483	C 30 B	
189	C 12 N	9/02	270	C 12 N	1/08	452	C 12 N	15/08	517	G 01 N	33/557		H 01 L	21/20
190	C 12 N	9/04	271	C 11 C	1/00	453	C 12 N	15/06	518	G 01 N	33/543		H 01 L	21/36
191	C 12 N	9/06	272-273	C 07 K	1/00		C 12 N	15/08	519	G 01 N	33/554		H 01 L	31/20
192	C 12 N	9/08	274	C 08 B	37/00	453	C 12 N	15/05	520	G 01 N	33/555	484	C 23 C	16/54
193	C 12 N	9/10		C 08 B			C 12 N	15/08	521	G 01 N	33/556		C 30 B	
194	C 12 N	9/12	275	C 08 B	30/04	454-455	C 12 N	15/00	522	G 01 N	33/555		H 01 L	21/20
195	C 12 N	9/14	276	C 13 B	35/00	456-457	C 12 N	15/86	523	G 01 N	33/543		H 01 L	21/36
196	C 12 N	9/16	277	D 21 C	1/00	458	C 12 N	15/88	524	G 01 N	33/551	485	C 30 B	
197	C 12 N	9/18	278	D 21 C	3/00	459-467	C 12 N	15/87	525-526	G 01 N	33/553		H 01 L	21/00
198	C 12 N	9/20	279	D 01 C	1/04	468-470	C 12 N	15/82	527	G 01 N	33/552	486-487	C 30 B	
199	C 12 N	9/22	280	C 07 C		471-484	C 12 N	15/74	528-530	G 01 N	33/544		H 01 L	21/20
200	C 12 N	9/24		C 07 F		485	C 12 N	15/75	531	G 01 N	33/545		H 01 L	21/36
201	C 12 N	9/26		C 12 P	41/00	486	C 12 N	15/76	532	G 01 N	33/549	488	C 23 C	16/24
202	C 12 N	9/28	281-282	C 10 G	32/00	487	C 12 N	15/77	533-534	G 01 N	33/546		C 30 B	
203	C 12 N	9/30	283.1	C 12 M	1/00	488-489	C 12 N	15/74	535	G 01 N	33/544		H 01 L	21/20
204	C 12 N	9/32	284.1	A 01 N	1/00	490	C 12 N	15/87	536	G 01 N	33/536		H 01 L	21/36
205	C 12 N	9/34		A 01 N	1/02				537	G 01 N	33/542	489	C 30 B	
206	C 12 N	9/36	285.1	C 12 M	1/00				538	G 01 N	33/537		H 01 L	21/20
207	C 12 N	9/38		C 12 M	3/00				539	G 01 N	33/539		H 01 L	21/36
208	C 12 N	9/40	285.2	C 12 M	1/42				540	G 01 N	33/541	490	C 30 B	11/00
209	C 12 N	9/42		C 12 M	3/00				541	G 01 N	33/538		C 30 B	
210	C 12 N	9/44	285.3	C 12 M	1/00				542	G 01 N	33/536		H 01 L	21/20
211	C 12 N	9/46		C 12 M	3/00	1-19	G 01 N	31						