

CONCORDANCE - United States to International Patent Classification

U.S.			IPC			U.S.			IPC			U.S.			IPC		
Subclass	Subclass	Notation	Subclass	Subclass	Notation	Subclass	Subclass	Notation	Subclass	Subclass	Notation	Subclass	Subclass	Notation	Subclass	Subclass	Notation
U.S. CLASS 242--Con.																	
607.1-607.2	B 65 H	75 / 24		B 64 C	33 / 00	92-93	B 64 C	17 / 00	125	B 64 B	1 / 02	171.1-171.5	B 64 G	1 / 40			
608-612	B 65 H	75 / 14	22	B 64 C	29 / 00	92	B 64 C	27 / 82		B 64 B	1 / 06	171.6	B 64 G	1 / 00			
	B 65 H	75 / 18	23R	B 64 C	23 / 00	94-95	B 64 B	1 / 70	126	B 64 B	1 / 14	171.7-171.9	B 64 G	1 / 52			
613-613.2	B 65 H	75 / 08		B 64 C	39 / 00		B 64 C	17 / 08	127	B 64 B	1 / 22	171.9	B 64 G	1 / 60			
613.3	B 65 H	75 / 06	24	B 64 B	1 / 06	96	B 64 B	1 / 02		B 64 B	1 / 24	172.1	B 64 G	1 / 52			
613.4-613.5	B 65 H	75 / 08		B 64 B			B 64 B	1 / 06	128	B 64 B	1 / 58		B 64 G	1 / 60			
614-614.1	B 65 H	75 / 12	25	B 64 B	1 / 20	97	B 64 B	1 / 58	129.1	B 64 C	1 / 00	172.2-172.3	B 64 G	1 / 00			
	B 65 H	75 / 14	26	B 64 B	1 / 34	98-99	B 64 B	1 / 62	129.2	B 64 C	45 / 00	172.4-172.5	B 64 G	1 / 64			
615	B 65 H	23 / 04	27-30	B 64 B	1 / 06	99.1-99.9	B 64 C	13 / 00	129.3-129.5	B 64 C	1 / 14	172.6	B 64 G	1 / 22			
	B 65 H	57 / 00	30	B 64 B	1 / 02		B 64 C	3 / 38	129.6	B 64 C	1 / 24	172.7-172.9	B 64 G	1 / 44			
	G 03 B	1 / 42	31	B 64 B	1 / 40		B 64 C	5 / 10	130	B 64 C	1 / 38	173.1-173.3	B 64 G	1 / 00			
615.1	B 65 H	23 / 16		B 64 B	1 / 58		B 64 C	9 / 00	131	B 64 C	1 / 06	174	B 64 C	13 / 00			
	B 65 H	57 / 28		F 41 J	9 / 08	100A	B 64 C	25 / 56	132	B 64 C	1 / 12	175	B 64 C	13 / 18			
	G 03 B	1 / 42	32	B 64 B	1 / 48	100C	B 64 C	25 / 38	133	B 64 C	1 / 00		G 05 D	1 / 00			
615.11	B 65 H	23 / 24	33	B 64 B	1 / 50	100R	B 64 C	25 / 00	134A	B 64 D	15 / 16	177-179	G 05 D	1 / 10			
	G 03 B	1 / 52	34A-34R	B 64 C	39 / 06		B 64 C	25 / 52	134B	B 64 D	15 / 02	180-182	G 05 D	1 / 08			
615.12	B 65 H	23 / 24	34R-35A	B 64 C	3 / 00		B 64 C	25 / 60	134C	B 64 D	15 / 06	183-188	G 05 D	1 / 12			
	B 65 H	23 / 32	34R	B 64 C	5 / 00	101	B 64 C	25 / 54	134D	B 64 D	15 / 12	189-190	B 64 C	13 / 20			
615.2	B 65 H	23 / 04	35A	B 64 C	30 / 00		B 64 C	35 / 00	134E	B 64 D	15 / 00	191-197	G 05 D	1 / 00			
	B 65 H	57 / 14	35R	B 64 C	3 / 14	102A-102R	B 64 C	25 / 10	134F	B 64 D	15 / 20	198	B 64 C	3 / 00			
	G 03 B	1 / 46		B 64 C	39 / 00	102R	B 64 C	25 / 14	134R	B 64 D	15 / 04		B 64 C	5 / 00			
615.21	B 65 H	23 / 32		B 64 C	39 / 10		B 64 C	25 / 20		B 64 D	15 / 16	199.1-199.4	B 64 C	23 / 06			
	G 03 B	1 / 42	36	B 64 C	1 / 00	102SL	B 64 C	25 / 26		B 64 F	5 / 00	200-200.1	B 64 C	21 / 10			
615.3	B 65 H	23 / 04		B 64 C	3 / 00	102SS	B 64 C	25 / 10	135A	B 64 D	39 / 00	201	B 64 C	9 / 00			
	B 65 H	57 / 04	37	B 64 C	3 / 18	103R	B 64 C	25 / 00	135B	B 64 D	37 / 02	202	B 64 C	13 / 02			
	B 65 H	57 / 06	38	B 64 C	1 / 26		B 64 C	25 / 32	135C	B 64 C	17 / 10	203	B 64 C	13 / 16			
	G 03 B	1 / 44	39	B 64 C	27 / 00		B 64 C	25 / 50		B 64 D	37 / 14	204-205	B 64 C	21 / 00			
615.4	B 65 H	23 / 04	45A-45R	B 64 C	39 / 12	103S	B 64 C	25 / 40	135R	B 64 D	37 / 02	205	B 64 C	23 / 00			
	B 65 H	57 / 00	45A	B 64 C	5 / 04	103W-104R	B 64 C	25 / 50		B 64 D	37 / 04	206	B 64 C	23 / 02			
	G 03 B	1 / 42		B 64 C	5 / 12	104CS-104LS	B 64 C	25 / 58		B 64 D	37 / 12	207-208	B 64 C	21 / 04			
899	B 65 H			B 64 C	3 / 38	104R-104LS	B 64 C	25 / 00	136	B 64 D	1 / 00	207	B 64 C	3 / 00			
	G 03 D	13 / 14	49	B 64 C	3 / 56	105-106	B 64 C	35 / 00	137.1-137.2	B 64 C	1 / 22	208-209	B 64 C	21 / 06			
			50	B 64 C	25 / 50	107	B 64 C	25 / 54		B 64 D	1 / 08	210	B 64 C	9 / 16			
			51-52	B 64 C	15 / 00		B 64 D	25 / 18	137.3-137.4	B 64 D	1 / 12	211	B 64 C	9 / 28			
			51	B 64 C	27 / 82		B 64 D	45 / 04	138A	B 64 D	19 / 02	212	B 64 C	9 / 22			
			52	B 64 B	1 / 36	108	B 64 C	25 / 52		B 64 D	17 / 00	213	B 64 C	3 / 58			
			53A	B 64 D	31 / 00	109	B 64 C	25 / 00		B 64 D	19 / 00	214-215	B 64 C	3 / 50			
1A	B 64 D	45 / 02		B 64 F	1 / 34	110A	B 64 F	1 / 02	138R	B 64 D	1 / 02	216	B 64 C	9 / 16			
1N	B 64 C	1 / 40	53B	B 64 D	33 / 02	110B	F 02 K	1 / 54		B 64 D	21 / 00	217	B 64 C	9 / 00			
	B 64 C	23 / 00		B 64 D	27 / 00	110C	B 64 F	1 / 02	140	B 64 D	25 / 12		B 64 C	9 / 32			
1R	B 64 C		53R	B 64 B	1 / 24	110D	B 64 C	9 / 32	141	B 64 D	25 / 10	218	B 64 C	3 / 54			
	B 64 D	45 / 00		B 64 D	29 / 00	110E	B 64 F	1 / 00	142-143	B 64 D	17 / 00	219	B 64 C	3 / 44			
	B 64 D	47 / 00		B 64 D	31 / 00	110F	B 64 F	1 / 02	142	B 64 D	19 / 00	220-223	B 64 C	13 / 04			
	B 64 F	1 / 00		B 64 D	33 / 00	110G	B 64 C	25 / 68		B 64 D	21 / 00	223	B 64 C	13 / 46			
1TD	B 65 D	3 / 00	56	B 64 D	29 / 00	110H	B 64 F	1 / 02	144	B 64 D	19 / 00	224	B 64 C	13 / 14			
	B 65 D	47 / 00	57	B 64 D	33 / 10	110H-110R	B 64 F	1 / 02	145	B 64 D	17 / 02	225	B 64 C	13 / 04			
2	B 64 C	37 / 02	58	B 64 D	41 / 00	110I	B 64 C	25 / 42	146-147	B 64 D	17 / 00	226-227	B 64 C	13 / 40			
	B 64 D	5 / 00	59	B 64 D	27 / 00	110R	B 64 C	25 / 68		B 64 D	17 / 00	228	B 64 C	13 / 48			
3	B 64 D	3 / 00	60	B 64 D	35 / 00		B 64 F	1 / 12	148	B 64 D	17 / 40	229	B 64 C	13 / 50			
	F 41 J	9 / 10	61	B 64 B	1 / 24	111-112	B 64 C	25 / 42	149	B 64 D	17 / 52	230	B 64 C	13 / 12			
3.1-3.22	F 41 G	7 / 00	62	B 64 D	37 / 00	113	B 64 C	9 / 32		B 64 D	17 / 62	231	B 64 C	13 / 26			
3.1	F 41 G	9 / 00		B 64 C	27 / 00	114B	B 64 F	1 / 26	150	B 64 D	17 / 58	232-233	B 64 C	13 / 30			
	F 42 B	10 / 00		B 64 C	39 / 00	114R	B 64 F	1 / 00	151A	B 64 D	17 / 30	234	B 64 C	13 / 04			
	F 42 B	15 / 00	63	B 64 F	1 / 04		B 64 F	1 / 36	151B	B 64 D	17 / 38	235	B 64 C	19 / 02			
3.12	F 41 G	7 / 20	64	B 64 C	31 / 04		E 01 F	3 / 00	151R	B 64 D	17 / 22	236	B 64 C	13 / 50			
	F 42 B	15 / 01	65	B 64 C	11 / 00	115-116	B 64 F	1 / 12		B 64 D	17 / 30	237	B 64 C	13 / 04			
	G 06 F	19 / 00	66	B 64 C	27 / 52	117A	B 64 C	1 / 38	152	B 64 D	17 / 36						
3.15-3.22	F 42 B	10 / 00	67	B 64 C	27 / 00		B 64 G	1 / 58			27 / 08						
	F 42 B	10 / 06	68	B 64 C	11 / 00	117R	B 64 C	1 / 00			31 / 06						
3.15-3.3	F 42 B	15 / 01	69	B 64 C	11 / 46		B 64 C	30 / 00			9 / 08						
	G 06 F	19 / 00	70-71	B 64 C	27 / 08	118.1-118.3	B 64 D	1 / 20	155A	A 63 H	27 / 00						
3.23	F 42 B	10 / 06	72	B 64 C	39 / 00		B 64 C	1 / 22	155R	A 63 H	27 / 08						
3.24-3.3	F 42 B	15 / 01	73B-73C	B 64 C	33 / 02		B 64 D	47 / 00		A 63 H	33 / 20	1	B 21 F	27 / 00			
4A-4R	B 64 C	29 / 00		B 64 C	11 / 00	118.5-118.6	B 64 D	13 / 00		B 64 C	31 / 06	1.5	B 60 C	15 / 04			
	B 64 C	39 / 02		B 64 C	21 / 00	118.5	B 64 D	11 / 00	158.1-158.3	B 64 G	1 / 00	2	B 21 F	27 / 08			
4R	B 64 C	39 / 00		B 64 C	23 / 00	118.6	B 64 D	11 / 06	158.4-158.8	B 64 G	1 / 10	3	B 21 F	31 / 00			
	B 64 C			B 64 C	1 / 36	119-120	B 64 C	1 / 00	158.9	B 64 G	1 / 00	4	B 21 F	27 / 00			
5	B 64 B	1 / 20		B 64 C	15 / 00	121	B 64 C	1 / 10	159.1-159.2	B 64 G	1 / 00	5-8	B 21 F	27 / 08			
	B 64 C	1 / 00		B 64 C	13 / 00	122A	B 64 D	7 / 00	159.3	B 64 G	1 / 14	9	B 21 F	27 / 08			
	B 64 C	17 / 00	75.1-76	B 64 C	13 / 00		B 64 D	11 / 06	159.4-159.6	B 64 G	1 / 00	10	B 21 F	27 / 00			
6-10	B 64 C	27 / 22	75.1														

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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 246--Con.														
U.S. CLASS 246														
RAILWAY SWITCHES AND SIGNALS														
20-21	B 61 L	21/00	272	B 61 L	29/18	98	A 63 B	55/08		F 21 V	21/00	316.1-316.7	A 47 G	1/10
22-26	B 61 L	21/04	273-276	B 61 L		99-101	B 65 B	67/04		F 21 V	35/00	316.8	A 47 F	5/00
27-28	B 61 L	21/00	273	E 01 B	7/00	102	A 47 D	15/00	213.1	A 47 B	96/06	317-334.1	A 47 H	1/10
28E-28R	B 61 L	21/00	274-275	A 01 H	5/02		A 61 J	9/06		A 47 G	25/06	335-344	B 42 F	13/00
29A-29R	B 61 L	3/06	276	E 01 B	7/14	103-107	A 47 D	15/00		A 47 K	1/00	345	H 05 K	5/02
29A	B 61 L	11/00	277	B 61 L	23/32	108-109	B 65 D	35/56		A 47 K	5/00	345.1	A 47 B	95/00
29R	B 61 L	13/00	278-283	B 61 L	11/02	110-113	A 46 B	17/02		E 04 G	3/00	346.01-346.11	A 47 B	91/00
30-33	B 61 L	21/00	284-291	B 61 L	11/04	114-116	A 47 F	7/00		E 04 G	5/06		A 47 G	29/00
30	B 61 L	1/10	292-313	B 61 L	13/00	117.1	D 06 F	75/40		E 05 D	1/00		B 65 D	19/00
63A	B 61 L	3/12	292	B 61 L	29/00		D 06 F	79/02		E 05 D	11/00	346.2-346.5	A 47 B	91/00
63C	B 61 L	3/22	293-296	B 61 L	29/24	117.2-117.7	D 06 F	79/02		E 05 D	3/00	349.1	A 47 B	91/00
63R	B 61 L	1/08	297-313	B 61 L	29/00	118	B 68 G	5/00		E 05 D	7/00		A 47 B	95/00
108-110	B 61 L	1/00	314-358	B 61 L	11/02	118.1-118.5	B 43 L	15/00		F 16 B		351-354.7	A 47 F	5/00
111-117	B 61 L	23/00	359	B 61 L	1/00	121	F 16 L	3/00		F 16 C	11/00		E 04 G	25/00
118-121	B 61 L	23/04	360	B 61 L	13/00	122.1-125.9	A 47 F	5/00		F 16 L	3/08		F 16 M	13/00
122A	B 61 L	25/02	361-373	B 61 L	1/02		A 47 F	7/00		F 21 V	21/00	357	E 04 G	25/00
122R	B 61 L	23/34	361-374	B 61 L	13/04	126	F 16 M	11/00	213.2	F 21 V	35/00		F 16 M	13/00
123-124	B 61 L	25/00	373-381	B 61 L	13/00	127	F 16 M	13/00		A 47 B	96/06	362	A 45 D	42/14
125-130	B 61 L	1/02	E 01 B	B 61 L	1/00		A 47 G	29/00		A 47 G	29/18	363	A 45 D	42/14
131	B 61 L	19/00	E 01 B	B 61 L	23/32	128-129	A 47 J	47/16		A 47 K	1/00		F 16 B	47/00
132	B 61 L	19/06	E 01 B	B 61 L	7/18	130-131	A 47 K	1/04		A 47 K	5/00	364	E 05 D	13/00
133-135	B 61 L	19/14	E 01 B	B 61 L	7/30	132	A 47 F	5/02		A 47 K	5/00	370-372.1	A 47 G	29/00
136-163	B 61 L	19/02	E 01 B	B 61 L	7/16	133-142	A 47 F	5/12		B 44 D	3/12	393-398	A 45 D	19/04
146	B 61 L	19/14	E 01 B	B 61 L	5/20	143-145.6	A 47 J	47/16		B 67 B	5/00		A 47 J	47/16
164-165	B 61 L	23/00	E 01 B	B 61 L	9/00	146-154	A 47 G	23/02		B 67 B	5/06	404-414	F 16 M	11/00
166	B 61 L	1/00	E 01 B	B 61 L	5/12	155-155.5	A 45 D	19/04		E 04 G	3/00	415-430	F 16 M	13/00
166.1	B 61 L	15/00	E 01 B	B 61 L	5/20	157	A 47 J	47/16		F 16 B	3/08	431-436	F 16 M	11/38
167A	B 61 L	23/06	E 01 B	B 61 L	9/00	158-160	A 45 F	3/44		F 16 L	3/08	439-440.1	F 16 M	11/32
167D	B 61 L	23/34	E 01 B	B 61 L	5/20	161-162.1	A 47 J	47/16	213.3-213.4	F 21 V	21/00	441.1	A 47 B	19/00
167M-167R	B 61 L	3/18	E 01 B	B 61 L	5/20	163.1-163.2	F 16 M	11/00		A 47 B	96/06		A 47 B	23/00
167M	B 61 L	1/08	E 01 B	B 61 L	5/12	164	F 16 M	11/32		A 47 K	1/00	442	A 47 F	97/04
167R	B 61 L	3/00	E 01 B	B 61 L	5/20	165	F 16 M	11/20		A 47 K	5/00		G 04 B	37/14
168.1	B 61 L	3/10	E 01 B	B 61 L	9/00	166-173	F 16 M	11/38		E 04 G	3/00	442.2	B 41 J	11/02
169A-169D	B 61 K	9/04	E 01 B	B 61 L	5/12	174-175	A 45 D	19/04		E 04 G	5/06	443	G 10 G	5/00
169D	B 61 K	9/06	E 01 B	B 61 L	5/20	176.1-176.2	A 47 J	47/16		F 16 B	3/08	444	A 47 B	97/04
169R	B 61 K	1/00	E 01 B	B 61 L	5/12	177.1-181.1	F 16 M	11/02		F 16 L	21/00	444.1	A 47 B	5/04
169S	B 61 K	3/00	E 01 B	B 61 L	5/02	181.2-184.1	F 16 M	11/14		F 21 V	21/00	445-446	A 47 B	23/00
170-181	B 61 L	3/00	E 01 B	B 61 L	5/02	185.1-186.1	F 16 M	11/06		F 24 D	19/00	447	A 47 B	97/04
182A	B 61 K	7/12	E 01 B	B 61 L	5/12	186.2	F 16 M	11/08		F 24 D	19/02	447.1	A 47 B	23/04
182AA-182AB	B 61 L	17/00	E 01 B	B 61 L	5/12	187	F 16 M	11/04	214-220.43	A 47 B	9/06	447.2	A 47 B	97/04
182B-182R	B 61 L	3/00	E 01 B	B 61 L	5/12	188	F 16 M	11/16		A 47 G	29/00		A 47 B	97/06
182BH	B 60 T	7/12	E 01 B	B 61 L	5/12	188.1	F 16 M	11/20		A 47 K	1/00	448-453	A 47 B	97/04
182R	B 61 K	17/12	E 01 B	B 61 L	5/12	188.2-188.4	F 16 M	11/24		A 47 K	3/00	454-457	A 47 G	1/24
183-207	B 61 L	3/00	E 01 B	B 61 L	5/12	188.5	F 16 M	11/26		E 04 G	5/06	458-465	A 47 B	97/04
189-190	B 61 B	13/08	E 01 B	B 61 L	5/12	188.6	F 16 M	11/38		F 21 V	21/00	465.1	A 47 B	23/00
208	B 61 L	15/00	E 01 B	B 61 L	5/12	188.7-188.91	A 47 B	91/00	221.11-227.4	F 21 V	35/00		A 47 B	41/06
209	B 61 L	5/12	E 01 B	B 61 L	5/12	200	F 16 M	11/20		A 47 B	96/00	466-474	A 47 F	97/04
210-211	B 61 L	5/20	E 01 B	B 61 L	5/12	200.1	F 16 M	11/00		A 47 K	1/00		A 47 F	5/01
212-214	B 61 L	5/22	E 01 B	B 61 L	5/12	201-202.1	E 04 G	25/00		A 47 K	5/00		A 47 F	1/14
215-217	B 61 L	5/20	E 01 B	B 61 L	5/12	205.1	F 16 M	11/00		E 04 G	5/06	475.1	A 47 G	7/14
218-244	B 61 L	5/00	E 01 B	B 61 L	5/12		F 16 M	11/00	228.1-230.9	F 21 V	35/00		A 47 G	1/16
218-252	B 61 L	11/08	E 01 B	B 61 L	5/12		F 16 M	11/00		A 47 B	96/06	476-487	A 47 G	1/24
245-252	B 61 L	13/04	E 01 B	B 61 L	5/12		F 16 M	11/00		E 04 G	3/00		B 60 R	1/02
253-257	B 61 L	5/00	E 01 B	B 61 L	5/12		F 16 M	11/00		F 16 B	1/00	488	A 47 F	7/14
257-258	B 61 L	7/04	E 01 B	B 61 L	5/12		F 16 M	11/00		G 09 F	7/18		A 47 G	1/04
257-260	B 61 L	11/06	E 01 B	B 61 L	5/12		F 16 M	11/00		A 47 B	96/06	231.21-231.85	B 60 R	1/02
260	B 61 L	5/04	E 01 B	B 61 L	5/12		F 16 M	11/00		E 04 G	5/06		A 47 G	1/16
261	B 61 L	29/08	E 01 B	B 61 L	5/12		F 16 M	11/00		A 47 F	5/08	231.9-231.91	A 47 G	1/24
262	B 61 L	11/02	E 01 B	B 61 L	5/12		F 16 M	11/00		F 24 H	9/06	232-234	A 47 G	1/16
	B 61 L	13/02	E 01 B	B 61 L	5/12		F 16 M	11/00		A 47 G	29/02	235-250	B 65 D	63/00
	B 61 L	3/04	E 01 B	B 61 L	5/12		F 16 M	11/00		E 04 G	3/20	251-260	A 47 B	97/00
	B 61 L	5/02	E 01 B	B 61 L	5/12		F 16 M	11/00		E 06 B	7/28	261-265	F 16 M	13/00
	B 61 L	7/02	E 01 B	B 61 L	5/12		F 16 M	11/00		A 47 H	1/14	266-273	F 16 M	13/00
263	B 61 L	11/08	E 01 B	B 61 L	5/12		F 16 M	11/00		A 47 H	1/10		A 47 G	33/12
	B 61 L	13/04	E 01 B	B 61 L	5/12		F 16 M	11/00		A 47 H	1/10		A 47 G	33/12
	B 61 L	3/08	E 01 B	B 61 L	5/12		F 16 M	11/00		A 47 H	1/13		H 01 Q	1/12
	B 61 L	5/06	E 01 B	B 61 L	5/12		F 16 M	11/00		A 47 H	9/17		A 01 K	97/10
	B 61 L	7/06	E 01 B	B 61 L	5/12		F 16 M	11/00		E 04 G	3/00	274.1-280.11	A 45 B	25/28
264	B 61 L	11/00	E 01 B	B 61 L	5/12		F 16 M	11/00		A 47 F	5/00	281.11	A 47 G	25/12
265	B 61 L	11/08	E 01 B	B 61 L	5/12		F 16 M	11/00		F 16 M	11/00		A 47 G	33/12
266-269	B 61 L	11/02	E 01 B	B 61 L	5/12		F 16 M	11/00		E 04 G	3/00	282.1-287.1	H 01 Q	1/12
270A-270R	B 61 L	11/00	E 01 B	B 61 L	5/12		F 16 M	11/00		A 47 F	5/00	288.11-289.31	F 16 M	13/00
	B 61 L	1/00	E 01 B	B 61 L	5/12		F 16 M	11/00		F 16 M	11/00	290.1-294.1	F 16 M	1/00
271	B 61 L	11/06	E 01 B	B 61 L	5/12		F 16 M	11/00		E 04 G	3/00	295.11	F 16 M	11/00
			E 01 B	B 61 L	5/12		F 16 M	11/00		A 47 G	3/00	296.1-297.11	F 16 M	11/00
			E 01 B	B 61 L	5/12		F 16 M	11/00		A 47 F	1/10	297.21-297.51	F 16 M	3/00
			E 01 B	B 61 L	5/12		F 16 M	11/00		A 47 F	5/00	298.1-30		