

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 106--Con.																	
692-696	C 04 B	28/06	83	A 47 B	1/08	44-49	E 05 G	1/00	184	F 23 J	11/00	286-288	F 23 K	3/10			
	C 04 B	7/32	84-87	A 47 B	1/02	44	G 08 B	13/06	185	F 23 N	5/00	289-291	F 23 K	3/12			
	C 04 B	7/36	88	A 01 H	5/08	49.5	E 06 B	9/00	186	F 23 N	5/18	292-293	F 23 K	3/00			
	C 04 B	9/11	89	A 47 B	1/00	50	E 05 G	1/00	187	F 23 N	5/00	294	F 23 H	13/00			
697	C 04 B	18/18	90	A 47 B	13/08	51-52	E 05 G	1/04	188-189	F 23 N	5/18	295-296	F 23 B	10/00			
698-704	C 04 B	7/00	91	A 47 B	7/00	53-57	E 05 G	1/00	190	F 23 N	5/02	297	F 23 L				
698	C 04 B	14/00	92-101	A 47 B	57/00	58	E 05 G	1/024	191	F 23 N	5/22		F 23 M	5/08			
	C 04 B	14/18	102-105	A 47 B	11/00		E 05 G	1/026	192	F 23 N	5/20	298-300	F 23 H	3/00			
699-704	C 04 B	14/40	106-110	A 47 B	9/00		E 06 B	5/00		F 23 N	5/22	301	F 23 J	7/00			
705-710	C 04 B	14/00	115	A 47 B	3/00	58.5	E 06 B	5/10	193	F 23 N	5/24		F 23 L				
	C 04 B	18/06	116-120	A 47 B	3/02		E 06 B	7/30	194	F 23 G	1/00	302-304	F 23 L	15/00			
711	C 04 B	14/38	121-135	A 47 B	3/00			1/04	195	B 21 J	19/00	305	F 23 L	15/00			
712	C 04 B	14/00	136	A 47 B	9/02	59T	E 05 B	65/00	196-197	F 23 B	10/00		F 23 L	9/00			
	C 04 B	16/00	137-143	A 47 B	11/00	64-65	E 05 G	1/026		F 23 B	40/00	306-307	F 23 L	15/00			
	C 04 B	24/00	144.11-147.17	A 47 B	9/00	64	E 06 B	3/00	198-202	F 22 B	13/06		F 23 L	7/00			
713	C 04 B	28/00	147.18	A 47 B	9/08	66	E 06 B	7/32		F 23 B	99/00	308	F 23 L	15/00			
	C 04 B	28/04	147.19-147.21	A 47 B	9/20	67-68	E 06 B	7/00	203	F 23 J	15/00	309-313	F 23 L	13/00			
	C 04 B	7/00	147.22	A 47 B	9/16	69-72	E 05 D	15/56	204-207	F 23 B	70/00	314	F 23 L	9/00			
	C 04 B	9/12	148	A 47 B	9/00		E 06 B	3/50		F 23 B	80/02	315	F 23 L	1/00			
714-715	C 04 B	11/00	149	A 47 B	5/00	73	E 06 B	3/34		F 23 C	9/00	316	F 23 L	13/00			
	C 04 B	28/14	150-151	A 47 B	13/02	74	E 06 B	3/36	208-209	F 23 B	10/00	317	F 23 M	5/00			
	C 04 B	7/14	152	A 47 B	5/00	75	E 06 B	7/16		F 23 B	70/00	318	F 23 M	5/06			
	C 04 B	7/19	153.1	A 47 B	13/00	76	E 06 B	3/04		F 23 B	80/00	319	F 23 M	3/14			
716-722	C 04 B	14/00		A 47 B	91/00	77	E 06 B	1/04		F 27 D	1/00	320	F 23 M	3/22			
	C 04 B	16/00	154-156	A 47 B	3/06	78	E 04 B	2/00	210-214	F 23 B	10/00	321	F 23 B	99/00			
	C 04 B	24/00		A 47 B	47/00		E 04 C	2/00		F 23 B	70/00		F 23 C	3/00			
	C 04 B	28/10	157.1-157.18	A 47 B	13/00		E 05 G	1/02		F 23 B	80/00		F 23 J	1/00			
723	C 04 B	7/00	158-159	A 47 B	3/06	79-85	E 04 B	2/02		F 23 C	9/00	322-326	F 23 M	9/00			
724-732	C 04 B	24/00		A 47 B	47/00	87	E 04 F	15/00		F 23 C	9/06	327	F 23 K	3/00			
724-738	C 04 B	14/00	158.11-158.13	A 47 B	13/00					F 23 G	7/06	328	F 23 H	17/00			
733-738	C 04 B	7/00		A 47 B	91/00					F 23 J	15/00	329	F 23 H	11/18			
739-775	C 04 B	2/10	159	A 47 B	3/12					F 23 J	3/00	330	F 23 H	11/20			
744-745	C 04 B	7/45	159.11-161	A 47 B	13/00					F 23 J	3/04	331-335	F 23 M	5/06			
745	C 04 B	11/036	162	A 47 B	3/00					F 23 K	1/00	336	F 23 M	5/00			
746	C 04 B	7/46		A 47 B	31/04					F 23 G	5/02	337	F 23 M	3/00			
748	C 04 B	7/48	163	A 47 B	55/02	101A-101C	F 23 K	3/00		F 23 G	5/04		F 23 M	5/00			
751	C 04 B	7/26		A 47 B	96/14	101CA-101CC	F 23 K	3/00		F 23 G	5/02	338-340	F 23 M	5/02			
752	C 04 B	7/60	164	A 47 B	5/04	101CD	F 23 K	3/00		F 23 G	5/04	341-343	F 23 B	90/00			
757	C 04 B	7/52	165	A 47 B	43/02		F 23 K	3/22		B 23 K	3/02		F 23 B	99/00			
771	C 04 B	7/38		A 47 B	55/06	101CF	F 23 K	3/00		B 44 B	7/02	344	F 23 J	3/00			
772-774	C 04 B	28/14	166	A 47 B	5/00	101R	F 23 K	3/00		F 23 D	14/00	345	F 23 J	11/00			
772-788	C 04 B	11/00	167-175	A 47 B	3/083	102-103	F 23 K	3/00		D 06 F	75/00		F 23 J	15/00			
	C 04 B	9/04	176-178	A 47 B	3/02	104A	F 23 K	3/02		F 23 G	5/12	346	F 23 G	5/00			
776-788	C 04 B	28/14		A 47 B	5/06	104B	F 23 D	1/00		D 06 F	75/00		F 23 G				
789-791	C 04 B	28/08		A 47 B	91/00		F 23 K	3/02		F 23 B	80/02	347	F 23 D	1/00			
	C 04 B	5/00	179	A 47 B	3/00			3/02		F 23 G	5/12	348	F 23 L	9/00			
	C 04 B	7/14		A 47 B	31/04	106	F 23 K	1/00		F 23 K	1/00		F 23 L				
792-801	C 04 B	2/00	180	A 47 B	47/00		F 23 K	3/02		F 23 B	30/00	349	F 23 B	99/00			
796-798	C 04 B	28/10	181	A 47 B	55/02	107	F 23 K	3/16		F 23 B	99/00						
801	C 04 B	28/30		A 47 B	96/14	108	F 23 K	3/10		B 09 B	3/00						
	C 04 B	9/00	182	A 47 B	5/02		F 23 K	3/16		F 23 D	14/00						
802-803	C 04 B	24/10	183	A 47 B	47/00	109	F 23 K	3/12		F 23 G	5/00						
802-810	C 04 B	16/00	184	A 47 B	13/12		F 23 K	3/16		F 23 G	7/00						
	C 04 B	24/00	185	A 47 B	47/00	110	F 23 K	3/14		F 23 G	7/00	7.1-7.4	A 01 C	23/02			
	C 04 B	7/00	186-193	A 47 B	91/00		F 23 K	3/16		F 23 G	7/04	8-13	A 01 C	15/00			
804-805	C 04 B	16/02		A 47 B	96/14	111-115	F 23 K	3/18		F 23 D	11/00		A 01 C	7/00			
811-812	C 04 B	14/00				116-118	F 23 K	3/16		F 23 D	3/00		A 01 C	7/08			
813	C 04 B	7/00				119	F 23 J	15/00		F 23 D	5/00		A 01 C	7/18			
814	C 04 B	14/00				120	F 23 B	70/00		F 23 D	7/00		A 01 C	5/00			
815-818	C 04 B	7/00					F 23 J	15/00		F 23 D	9/00	92-98	A 01 C	5/02			
815	C 04 B	28/26				121-129	F 23 J	3/00		F 23 G	5/00	99	A 01 C	5/00			
816-818	C 04 B	14/00				145	F 23 J	11/00		F 23 G	7/00	100-101	A 01 G	23/02			
819-823	C 04 B	40/00				146	F 23 J	11/04		A 47 J	36/00	100-117	A 01 C	11/00			
						147-148	F 23 J	11/00		A 47 J	36/24	118-129	A 01 C	23/00			
							F 23 L	13/00		F 23 G	5/00	130-133	A 01 C	17/00			
							F 23 N	3/00		F 23 G	7/00		A 01 C	7/08			
							F 23 N	17/16		F 23 G	5/00	134-138	A 01 C	13/00			
							F 23 L	11/02		F 23 G	5/00		A 01 C	5/00			
							F 23 L	13/00		F 23 G	5/12	134-148	A 01 B	49/04			
							F 23 L	17/16		F 23 G	7/00	149-169	A 01 C	5/00			
							F 23 N	3/00		F 23 G	5/00	170-188	A 01 C	7/00			
							F 23 L	17/00		F 23 G	5/00		A 01 C	9/00			
							F 23 L	3/08		F 23 G	7/00		A 01 C	13/00			
							F 23 L	1/00		F 23 C	1/02	189-198	A 01 C	13/00			
							F 23 L	13/00		F 23 C	1/04	190-198	A 01 C	5/00			
							F 23 N	3/02		F 23 C	1/10	199	A 01 C	7/00			

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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 112--Con.														
16	D 05 B	27 / 18	125-128	D 05 B	37 / 00	314	D 05 B	27 / 00	39.11	B 63 B	35 / 00	187	B 63 B	15 / 00
17	D 05 B	67 / 00	129-130	D 05 B	37 / 04	315-316	D 05 B	27 / 22	39.12-39.19	B 63 H	9 / 00		B 63 B	19 / 00
18-19	D 05 B	27 / 00	131	A 41 H	1 / 06	317-319	D 05 B	27 / 00	39.21-39.32	B 63 B	35 / 00	188	B 63 B	29 / 04
20	D 05 B	23 / 00		D 05 B	35 / 00	320	D 05 B	27 / 04	40-42	B 63 B	35 / 08	189	B 63 B	29 / 02
	D 05 B	35 / 00	132-135	D 05 B	35 / 08	321	D 05 B	27 / 20	43	B 62 B	15 / 00	190	B 63 C	9 / 22
21-22	B 42 B	2 / 00	136	D 05 B	35 / 00	322	D 05 B	27 / 00	44	B 63 C	7 / 00	191	B 63 B	29 / 12
21	B 42 B	2 / 02	137-138	D 05 B	35 / 06	323	D 05 B	27 / 02	45-48	B 63 C	1 / 02	192-193	B 63 B	29 / 10
22	B 42 B	2 / 08	139-140	D 05 B	35 / 00	324	D 05 B	27 / 00	49-55	B 63 C	7 / 00	194-195	B 63 B	29 / 04
23-24	D 05 B	23 / 00	139	D 05 C	7 / 08	400-403	D 05 B	93 / 00	55.5-55.58	B 63 B	35 / 73	197-198	B 63 B	13 / 00
25-27	D 05 B	7 / 00	141-143	D 05 B	35 / 02	400	B 32 B	7 / 08		B 63 B		199	B 63 B	21 / 08
27	D 05 B	27 / 00	144-146	D 05 B	35 / 08	403	B 32 B	7 / 08	55.58	A 63 B	35 / 12	200	B 63 B	21 / 18
28	D 05 B	15 / 00	147-151	D 05 B	35 / 00	404	D 05 C	17 / 00	56.1-60	B 63 B	1 / 00	201A-201R	B 63 B	19 / 14
29-43	D 05 B	15 / 02	150	D 05 B	29 / 00	405	B 32 B	7 / 08	61.1-63	B 63 B	1 / 00		B 63 B	19 / 26
41-42	D 05 B	67 / 00	152-153	D 05 B	35 / 10	406-408	A 41 F	1 / 00	65A	B 63 B	5 / 14	201R	B 63 B	19 / 16
43	D 05 B	71 / 00	154	D 05 B	1 / 00	407	A 44 B	13 / 00	65R	B 63 B	3 / 00	202	B 63 B	19 / 18
44	D 05 B	15 / 06	155	D 05 B	25 / 00	408	A 44 B	1 / 18		B 63 B	5 / 00	203	B 63 B	19 / 12
45	D 05 B	15 / 02	156	D 05 B	23 / 00	409	B 32 B	7 / 08		B 63 B	9 / 06	204-205	B 63 H	9 / 10
46	D 05 B	15 / 06	157	D 05 B	3 / 04	410-411	D 05 C	17 / 02	66	B 63 B	35 / 00	210	B 63 B	21 / 22
47-62	D 05 B	15 / 00	159	D 05 B	3 / 02	412-417	D 05 B	93 / 00	67A-67R	B 63 B	1 / 38	211-212	B 63 J	2 / 00
47	D 05 B	27 / 26	160-161	D 05 B	3 / 04	413-429	B 32 B	7 / 08	67R	B 63 B	1 / 34	213-217	F 16 G	11 / 00
48-49	D 05 B	27 / 00	162	D 05 B	1 / 20	429-437	D 05 C	17 / 00		B 63 B	1 / 36	218	B 63 B	21 / 04
50-51	D 05 B	35 / 10		D 05 B	57 / 06	431	A 41 F	1 / 02	68-69	B 63 B	43 / 10	219-220	B 63 B	59 / 02
52	D 05 B	31 / 02	163-164	D 05 B	1 / 08	437	A 41 F	1 / 02	70	B 63 B	27 / 14	221A-221R	B 63 G	7 / 04
60-61	D 05 B	29 / 04	165-166	D 05 B	1 / 06	438	D 05 B	93 / 00		B 63 B	35 / 00	221A	B 63 B	9 / 00
62	D 05 B	39 / 00		D 05 B	1 / 10	439	D 05 C	17 / 00	71	B 63 B	29 / 02	221R	B 63 B	21 / 12
	D 05 B	75 / 00	167	D 05 B	1 / 08	440-441	B 32 B	7 / 08		B 63 B	29 / 22		B 63 B	21 / 54
63-64	D 05 B	23 / 00	168	D 05 B	1 / 14	443-445	D 05 B	3 / 02	72	B 63 B	25 / 00	222	B 63 B	59 / 00
65-77	D 05 B	3 / 00	169	D 05 B	1 / 00	444-445	D 05 B	35 / 12	73	B 63 B	25 / 02	223	B 25 B	25 / 00
78	D 05 C	3 / 00	170-172	D 05 B	23 / 00	445	D 05 B	19 / 00		B 63 B	25 / 08	224	B 63 B	9 / 00
80.01	D 05 C	15 / 00	172	D 05 B	1 / 20	446-449	D 05 B	3 / 06	77A	B 63 B	3 / 02	227-229	B 63 B	43 / 16
	D 05 C	15 / 04	173-175	D 05 B	1 / 04	446	D 05 B	3 / 08		B 63 B	9 / 06	230.1-231	B 63 B	21 / 00
80.02	D 05 C	15 / 02	176-178	D 05 B	1 / 24	447	D 05 B	19 / 00	77R	B 63 B	3 / 08	230.13-230.14	B 63 B	22 / 02
80.03-80.06	D 05 C	15 / 06	177-178	D 05 B	57 / 06	449	D 05 B	21 / 00		B 63 B	9 / 00	230.15-230.19	E 02 B	3 / 24
80.04	D 05 C	15 / 08	179	D 05 B	1 / 00	449	D 05 B	21 / 00		B 63 B	9 / 04	232-234	B 63 B	39 / 10
80.07-80.08	D 05 C	15 / 00		D 05 B	47 / 00	450-467	D 05 B	3 / 02	78	B 63 B	3 / 56	238-239	B 63 B	1 / 00
80.15-80.17	D 05 C	15 / 20	180	D 05 B	57 / 26	450	D 05 B	5 / 00		B 63 B	3 / 00		B 63 B	5 / 00
80.15	D 05 C	15 / 22	181-184	D 05 B	57 / 14	452	D 05 B	55 / 10	82	B 63 B	5 / 02	240A-240R	B 63 G	9 / 00
80.18	D 05 C	15 / 08	185-186	D 05 B	57 / 10	453-458	D 05 B	19 / 00	83-88	B 63 B	3 / 00	240E	F 41 H	11 / 05
	D 05 C	15 / 18	187	D 05 B	61 / 00		D 05 B	21 / 00	84-88	B 63 B	5 / 00		B 63 B	9 / 04
80.23-80.24	D 05 C	15 / 26	188	D 05 B	57 / 00	461	D 05 B	27 / 00	89-101	B 63 B	15 / 00	240R	B 63 G	9 / 02
80.3	D 05 C	15 / 08	189-191	D 05 B	57 / 08	462	D 05 B	27 / 22		B 63 H	9 / 10	242	B 63 B	21 / 56
	D 05 C	15 / 14	192-193	D 05 B	57 / 12		D 05 B	3 / 04	102.1-102.33	B 63 H	9 / 04	243	F 15 D	1 / 10
80.31	D 05 C	15 / 28	194-195	D 05 B	57 / 08	464	D 05 B	27 / 22	104-115	B 63 H	9 / 04	244	B 63 B	21 / 66
80.32-80.33	D 05 C	15 / 14	196	D 05 B	57 / 00	467	D 05 B	57 / 00	116-120	B 63 B	19 / 00		B 63 G	8 / 42
80.4	D 05 C	15 / 00	197-202	D 05 B	1 / 06	470.01-470.05	D 05 B	19 / 00	116	B 63 B	11 / 00		B 63 G	9 / 00
80.41	D 05 C	15 / 30		D 05 B	1 / 10	470.06-470.11	D 05 B	21 / 00	117-120	E 05 F		245	B 63 G	8 / 14
80.42-80.44	D 05 C	15 / 20	198	D 05 B	85 / 06	470.12-470.13	D 05 B	23 / 00	117	E 05 C	9 / 06		B 63 G	8 / 22
80.42	D 05 C	15 / 32	199-200	D 05 B	57 / 00	470.14-470.18	D 05 B	39 / 00	120	B 63 B	43 / 24	246	B 63 H	25 / 00
80.43	D 05 C	15 / 34	201	D 05 B	57 / 04	470.19	D 05 B	3 / 12	121	B 63 B	43 / 06	247-248	B 63 B	21 / 56
80.44	D 05 C	15 / 26	202	D 05 B	57 / 02	470.21-470.26	D 05 B	23 / 00		B 63 B	43 / 08	249-250	B 63 B	21 / 58
80.45	D 05 C	15 / 10	217	D 05 B	27 / 00	470.27	D 05 B	11 / 00		B 63 B	9 / 08	251	B 63 B	21 / 04
	D 05 C	15 / 12	217.1-217.2	A 47 B	29 / 00	470.28-470.34	D 05 B	23 / 00	122	B 63 B	39 / 00	252	B 63 B	21 / 06
80.5	D 05 C	15 / 22		D 05 B	75 / 00	470.35	D 05 B	3 / 00		B 63 B	43 / 02	253	B 63 B	21 / 04
	D 05 C	15 / 26	217.3-221	D 05 B	69 / 00	470.36	D 05 B	33 / 00	123	B 63 B	43 / 14		B 63 B	21 / 56
80.51-80.53	D 05 C	15 / 00	222	D 05 B	85 / 00		D 05 B	81 / 00	124-125	B 63 B	39 / 03	254	B 63 B	21 / 16
80.54	D 05 C	15 / 22	223	D 05 B	85 / 04	475.01-475.07	D 05 B	1 / 00	124	B 63 B	39 / 02	255	B 63 B	35 / 14
	D 05 C	15 / 32		D 05 B	85 / 14	475.01	D 05 B	97 / 00		B 63 B	43 / 08	256-257	B 65 D	88 / 78
80.55	D 05 C	15 / 24	224-225	D 05 B	87 / 00	475.08-475.13	D 05 B	23 / 00	125	B 63 B	43 / 06	258	B 63 B	35 / 44
80.56-80.59	D 05 C	15 / 36	225	D 05 B	53 / 00	475.08	D 05 B	11 / 00	126	B 63 B	39 / 06	259-260	B 63 B	35 / 40
80.57-80.6	D 05 C	15 / 24		D 05 B	55 / 00		D 05 B	13 / 00		B 63 B	43 / 04	261-262	B 63 B	35 / 50
80.7-80.71	D 05 C	15 / 26	226	D 05 B	55 / 02		D 05 B	15 / 00	127-139	B 63 B	41 / 00	263-267	B 63 B	35 / 44
80.7	D 05 C	15 / 16	227	D 05 B	51 / 00	475.14	D 05 B	3 / 12	127-140	B 63 B	3 / 38	263	E 02 B	3 / 00
80.71	D 05 C	15 / 34		D 05 B	55 / 06		D 05 B	3 / 18	141	B 63 B	41 / 00	268	B 63 B	27 / 00
80.72-80.73	D 05 C	15 / 18	228-231	D 05 B	57 / 14	475.15	D 05 B	3 / 14	142	B 63 B	3 / 44	269	B 63 B	35 / 00
81-82	D 05 B	9 / 00	232-234	D 05 B	57 / 10		D 05 B	3 / 16		B 63 B	39 / 06	271	B 63 B	1 / 00
83	D 05 C	3 / 04	235-239	D 05 B	29 / 00	475.16	D 05 B	3 / 12	143	B 63 B	41 / 00	272-273	B 63 B	1 / 16
84-86	D 05 C	5 / 00	236	D 05 C	9 / 00	475.17-475.18	D 05 B	3 / 00	144A-144B	B 63 H	25 / 02	274	B 63 B	1 / 24
85-86	D 05 C	7 / 04	240	D 05 B	29 / 12	475.19	D 05 C	5 / 02		G 05 D	1 / 02		B 63 B	1 / 26
87-97	D 05 C	3 / 04	241-248	D 05 B	49 / 00	475.21-475.22	D 05 C	3 / 00	144C-144R	B 63 H	25 / 04	275-277	B 63 B	1 / 28
88	D 05 C	7 / 08	249	D 05 B	49 / 02	475.23	D 05 C	15 / 00	144E-144RE	G 05 D	1 / 02	278-279	B 63 B	1 / 24
89-92	D 05 C	7 / 04	250	D 05 B	49 / 00	475.24	D 05 B	1 / 24	144R	B 63 H	25 / 10		B 63 B	1 / 26
93	D 05 C	11 / 00	253	D 05 B	53 / 00	475.25	D 05 B	3 / 06	144RE	B 63 H	25 / 00	280-281	B 63 B	1 / 28
95	D 05 C	11 / 18	254-255	D 05 B	47 / 00	475.26	D 05 B	1 / 20	145A-145R	B 63 H	25 / 44	282	B 63 B	1 / 30
97	D 05 C	11 / 08	256	D 05 B	71 / 00				145R	B 63 H	25 / 48	283	B 63 B	1 / 20
98-102	D 05 C	3 / 02	257-260	D 05 B	75 / 00	U.S. CLASS 114 SHIPS								
99-101	D 05 C	7 / 08	261	D 05 B	83 / 00									
102	D 05 C	7 / 04	270	B 65 H	59 / 00	1	B 63 G	1 / 00	146	B 63 H	20 / 12	284-287	B 63 B	1 / 22
102.5	D 05 B	21 / 00		D 05 B	51 / 00	2-3	B 63 G	9 / 00	147-148	B 63 H	25 / 42	288-291	B 63 B	1 / 32
103	D 05 C	7 / 04		D 05 B	81									