A supplement for use with

STAR TREK®
THE ROLE PLAYING GAME

2204S - Kinshaya

STARSHIP CONSTRUCTION MANUAL

HOLY ORDER OF THE KINSHAYA

fasa

COMPUTER CONTROL SYSTEM TYPES

Control Computer Type	System Mass (mt)	Approrpiate Ship Classes	SS Requirement	Maximum WDF Allowed	Availability	Cost (MCr)	Year
KM-1	470	I-VIII	0.2	6	III/1	8	2221
KM-2	1,100	II-XI	0.5	14	III/1	18	2226
KM-3	1,570	III-XIII	0.9	20	III/1	26	2230
KM-4	2,350	III-XV	1.1	30	III/1	38	2234
KM-5	3,900	IV-XVI	1.8	50	III/1	63	2240
KM-6	5,100	V-XVII	2.1	65	III/1	82	2250
KM-7	5,880	VII-XVIII	2.9	75	III/1	94	2255
KM-8	7,050	IX-XIX	3.2	90	III/1	113	2262
KM-9	9,400	X-XX	4.1	120	III/1	150	2264
KM-10	12,240	XI-XX	5.6	155	III/1	195	2265
KM-11	13,360	XI-XX	6.1	170	III/1	213	2273
KM-12	14,830	XII-XX	6.8	190	III/1	238	2280
KM-13	6,290	VI-XX	2.4	80	III/1	101	2283
KM-14	12,510	IX-XX	3.7	160	III/1	200	2293
KM-15	17,300	XIV-XX	4.8	220	III/1	276	2303
KM-16	20,380	XV-XX	5.9	260	III/1	325	2315
KM-17	22,140	XV-XX	6.1	280	III/1	372	2336
KM-18	23,600	XVII-XX	7.3	325	III/1	461	2338
KM-19	29,750	XVII-XX	7.9	375	III/1	533	2342
KM-20	9,950	XI-XX	3.9	200	III/1	290	2343
KM-21	16,210	XV-XX	6.3	295	III/1	364	2350
KM-22	32,650	XVI-XX	7.6	350	III/1	448	2352
KM-23	40,700	XVII-XX	8.1	380	III/1	560	2356
KM-24	41,200	XVI-XX	8.8	400	III/1	725	2359
KM-25	39,600	XIV-XX	7.6	365	III/1	610	2360
KM-26	44,850	XVIII-XX	9.7	450	III/1	960	2366

WARP ENGINE TYPES
Single Nacelle Use

Warp Engine Type	Total Mass (mt)	Power Units Available	Control Computer Required	Stress Column (Eng/SS)	SS Requirememnt	Availability	Cost (MCr)	Year
KMWA-1	2,800	7	KM-2	A/A	0.6	III/8	65	2230
KMWA-2	2,800	11	KM-1	A/A	0.6	III/6	70	2234
KMWB-1	4,600	9	KM-1	B/B	1.5	III/7	107	2231
KMWB-2	4,600	11	KM-2	B/B	1.5	III/6	115	2235
KMWC-1	5,600	13	KM-3	B/B	2.1	III/5	135	2240
KMWD-1	7,600	15	KM-4	C/C	2.1	III/4	190	2241
KMWE-1	30,000	16	KM-4	C/D	2.6	III/1	550	2242
KMWE-2	30,000	18	KM-5	C/D	2.6	III/1	672	2250
KMWE-3	30,000	22	KM-5	C/D	2.6	III/1	704	2255
KMWF-1	45,000	17	KM-4	B/C	2.3	III/1	925	2251
KMWF-2	45,000	21	KM-6	B/C	2.3	III/1	999	2252
KMWF-3	45,000	24	KM-7	B/C	2.3	III/1	1,105	2256
KMWF-4	45,000	28	KM-13	B/C	4	III/1	1,125	2262
KMWG-1	28,000	8	KM-1	C/D	2.5	III/7	700	2252
KMWG-2	28,000	12	KM-3	C/D	2.5	III/1	735	2253
KMWG-3	28,000	20	KM-6	C/D	2.5	III/1	806	2258
KMWH-1	56,000	24	KM-7	D/D	3.9	III/1	1,400	2257
KMWH-2	56,000	28	KM-13	D/D	3.9	III/1	1,503	2263
KMWH-3	56,000	30	KM-13	D/D	3.9	III/1	1,722	2288
KMWI-1	60,000	25	KM-13	D/E	4.2	III/1	1,533	2282
KMWI-2	60,000	30	KM-13	D/E	4.2	III/1	1,611	2301
KMWI-3	60,000	35	KM-13	D/E	4.2	III/1	1,742	2316
KMWJ-1	76,000	38	KM-14	E/E	6.1	III/1	1,900	2310
KMWJ-2	76,000	45	KM-14	E/E	6.1	III/1	2,033	2322
KMWK-1	69,500	46	KM-14	F/G	7.2	III/1	1,738	2340
KMWK-2	69,500	48	KM-14	F/G	7.2	III/1	1,944	2343
KMWK-3	69,500	52	KM-14	F/G	7.2	III/1	2,076	2356
KMWL-1	79,000	50	KM-14	F/H	8.1	III/1	1,975	2351
KMWL-2	79,000	56	KM-14	F/H	8.1	III/1	2,179	2353
KMWM-1	70,000	40	KM-14	H/H	6.9	III/1	1,750	2355
KMWM-2	70,000	44	KM-14	H/H	6.9	III/1	1,849	2357
KMWM-3	70,000	46	KM-14	H/H	6.9	III/1	1,931	2364
KMWN-1	47,400	20	KM-7	H/J	5.1	III/1	1,185	2361
KMWN-2	47,400	25	KM-13	H/J	5.1	III/1	1,288	2362
KMWN-3	47,400	30	KM-13	H/J	5.1	III/1	1,352	2364
KMWO-1	96,500	60	KM-14	H/I	9.9	III/1	2,413	2369
KMWO-2	96,500	65	KM-20	H/I	9.9	III/1	2,588	2374
KMWP-1	110,000	80	KM-22	I/J	11.9	III/1	2,750	2372

MOVEMENT POINT RATIO TABLE: SINGLE WARP ENGINE

Movement Point Ratios

Ship Class	1/1		2/1			3/1			4/1			5/1		6/1
I	**KMWA-1** *10* 5/6 **KMWA-2** *16* 5/6	**KMWB-1** *13* 6/7 **KMWB-2** *16* 6/7	**KMWA-1** *5* 4/6 **KMWA-2** *8* 4/6	**KMWB-1** *6.5* 5/7 **KMWB-2** *8* 5/7		**KMWA-1** *3.5* 4/5 **KMWA-2** *5* 4/5	**KMWB-2** *5* 5/6							
II	**KMWA-1** *10* 5/6 **KMWC-1** *18.5* 4/5		**KMWA-1** *5* 4/6 **KMWA-2** *8* 4/6	**KMWB-1** *6.5* 5/7 **KMWB-2** *8* 5/7	**KMWC-1** *9* 3/5 **KMWD-1** *11* 7/8	**KMWA-1** *3.5* 4/5 **KMWA-2** *5* 4/5	**KMWB-1** *4.5* 5/6 **KMWB-2** *5* 5/6	**KMWD-1** *7* 6/8	**KMWA-2** *4* 3/5 **KMWB-1** *3* 4/6			**KMWA-2** *3* 3/4		
III	**KMWC-1** *18.5* 4/5		**KMWC-1** *9* 3/5 **KMWD-1** *11* 7/8			**KMWB-1** *4.5* 5/6 **KMWB-2** *5* 5/6	**KMWC-1** *6* 3/4 **KMWD-1** *7* 6/8		**KMWB-1** *3* 4/6 **KMWB-2** *4* 4/6	**KMWD-1** *5* 6/7		**KMWB-1** *2.5* 4/5 **KMWB-2** *3* 4/5		
IV	**KMWG-1** *11.5* 6/8		**KMWE-1** *11.5* 6/8 **KMWE-2** *13* 6/8	**KMWE-3** *15.5* 6/8 **KMWG-1** *6* 6/7	**KMWG-2** *8.5* 6/8 **KMWG-3** *14* 6/8	**KMWE-1** *7.5* 6/7 **KMWE-2** *8.5* 6/7	**KMWE-3** *10* 6/7 **KMWG-2** *5.5* 6/7	**KMWG-3** *9* 6/7	**KMWD-1** *5* 6/7			**KMWD-1** *4* 5/7		**KMWD-1** *3.5* 5/6
V	**KMWG-1** *11.5* 6/8		**KMWE-1** *11.5* 6/8 **KMWE-2** *13* 6/8 **KMWE-3** *15.5* 6/8 **KMWF-1** *12* 7/8	**KMWF-3** *17* 7/8 **KMWG-1** *6* 6/7 **KMWG-2** *8.5* 6/8 **KMWG-3** *14* 6/8	**KMWH-1** *17* 7/8 **KMWN-1** *14* 7/9	**KMWE-1** *7.5* 6/7 **KMWE-2** *8.5* 6/7 **KMWE-3** *10* 6/7 **KMWF-1** *8* 7/8	**KMWF-2** *10* 7/8 **KMWF-4** *13.5* 7/8 **KMWG-1** *4* 5/7 **KMWG-2** *5.5* 6/7	**KMWG-3** *9* 6/7 **KMWH-2** *13.5* 7/8 **KMWN-2** *12* 7/9	**KMWE-1** *5.5* 5/7 **KMWE-2** *6.5* 5/7 **KMWF-1** *6* 6/8 **KMWH-3** *11* 7/8					
VI	**KMWG-1** *11.5* 6/8		**KMWE-1** *11.5* 6/8 **KMWE-2** *13* 6/8 **KMWE-3** *15.5* 6/8 **KMWF-1** *12* 7/8 **KMWF-3** *17* 7/8 **KMWG-1** *6* 6/7	**KMWG-2** *8.5* 6/8 **KMWG-3** *14* 6/8 **KMWH-1** *17* 7/8 **KMWN-1** *14* 7/9		**KMWE-1** *7.5* 6/7 **KMWE-2** *8.5* 6/7 **KMWE-3** *10* 6/7 **KMWF-1** *8* 6/8 **KMWF-1** *8* 7/8 **KMWF-2** *10* 7/8	**KMWF-3** *11.5* 6/8 **KMWF-4** *13.5* 7/8 **KMWG-1** *4* 5/7 **KMWG-2** *5.5* 6/7 **KMWG-3** *9* 6/7 **KMWH-2** *13.5* 7/8	**KMWI-1** *12* 7/9 **KMWI-2** *14* 7/9 **KMWI-3** *16.5* 7/9 **KMWM-1** *19* 7/8 **KMWN-2** *12* 7/9	**KMWE-1** *5.5* 5/7 **KMWE-2** *6.5* 5/7 **KMWE-3** *8* 5/7 **KMWF-1** *6* 6/8 **KMWF-4** *10* 6/8 **KMWH-2** *10* 6/8	**KMWH-3** *11* 7/8 **KMWK-1** *16.5* 7/8 **KMWK-2** *17* 7/8 **KMWK-3** *18.5* 7/8 **KMWM-2** *16* 7/8		**KMWH-3** *8.5* 6/8		
VII			**KMWE-2** *13* 6/8 **KMWE-3** *15.5* 6/8 **KMWF-1** *12* 7/8 **KMWF-3** *17* 7/8 **KMWG-1** *6* 6/7 **KMWG-2** *8.5* 6/8 **KMWG-3** *14* 6/8	**KMWH-1** *17* 7/8 **KMWN-1** *14* 7/9		**KMWE-1** *7.5* 6/7 **KMWE-2** *8.5* 6/7 **KMWE-3** *10* 6/7 **KMWF-1** *8* 6/8 **KMWF-1** *8* 7/8 **KMWF-2** *10* 7/8 **KMWF-3** *11.5* 6/8	**KMWF-4** *13.5* 7/8 **KMWG-1** *4* 5/7 **KMWG-2** *5.5* 6/7 **KMWG-3** *9* 6/7 **KMWH-1** *11.5* 6/8 **KMWH-2** *13.5* 7/8 **KMWI-1** *12* 7/9	**KMWI-2** *14* 7/9 **KMWI-3** *16.5* 7/9 **KMWJ-1** *18* 8/9 **KMWJ-2** *16* 8/9 **KMWM-1** *19* 7/8 **KMWN-2** *12* 7/9	**KMWE-1** *5.5* 5/7 **KMWE-2** *6.5* 5/7 **KMWE-3** *8* 5/7 **KMWF-1** *6* 6/8 **KMWF-2** *7.5* 6/8 **KMWF-4** *10* 6/8 **KMWG-1** *3* 5/6	**KMWH-2** *10* 6/8 **KMWH-3** *11* 7/8 **KMWK-1** *16.5* 7/8 **KMWK-2** *17* 7/8 **KMWK-3** *18.5* 7/8 **KMWL-1** *18* 6/8 **KMWM-2** *16* 7/8		**KMWE-1** *4.5* 5/6 **KMWH-3** *8.5* 6/8 **KMWL-2** *16* 6/8 **KMWM-3** *13* 7/8		
VIII			**KMWF-1** *12* 7/8 **KMWF-3** *17* 7/8 **KMWG-3** *14* 6/8 **KMWH-1** *17* 7/8 **KMWN-1** *14* 7/9 **KMWO-1** *17* 7/8 **KMWO-2** *18.5* 7/8			**KMWE-2** *8.5* 6/7 **KMWE-3** *10* 6/7 **KMWF-1** *8* 6/8 **KMWF-1** *8* 7/8 **KMWF-2** *10* 7/8 **KMWF-3** *11.5* 6/8 **KMWF-4** *13.5* 7/8 **KMWG-1** *4* 5/7	**KMWG-2** *5.5* 6/7 **KMWG-3** *9* 6/7 **KMWH-1** *11.5* 6/8 **KMWH-2** *13.5* 7/8 **KMWI-1** *12* 7/9 **KMWI-2** *14* 7/9 **KMWI-3** *16.5* 7/9 **KMWJ-1** *18* 8/9	**KMWJ-2** *16* 8/9 **KMWM-1** *19* 7/8 **KMWN-1** *9* 7/8 **KMWN-2** *12* 7/9 **KMWO-1** *14* 6/8 **KMWO-2** *15.5* 6/8	**KMWE-1** *5.5* 5/7 **KMWE-2** *6.5* 5/7 **KMWE-3** *8* 5/7 **KMWF-1** *6* 6/8 **KMWF-2** *7.5* 6/8 **KMWF-4** *10* 6/8 **KMWG-1** *3* 5/6 **KMWG-2** *4* 5/7	**KMWG-3** *7* 5/7 **KMWH-2** *10* 6/8 **KMWH-3** *11* 7/8 **KMWI-1** *9* 7/8 **KMWI-3** *12.5* 7/8 **KMWJ-1** *13.5* 7/9 **KMWK-1** *16.5* 7/8 **KMWK-2** *17* 7/8	**KMWK-3** *18.5* 7/8 **KMWL-1** *18* 6/8 **KMWM-2** *16* 7/8	**KMWE-1** *4.5* 5/6 **KMWE-2** *5* 5/6 **KMWE-3** *6* 5/6 **KMWF-1** *5* 6/7 **KMWG-1** *2* 4/6 **KMWH-3** *8.5* 6/8 **KMWL-1** *14* 6/7 **KMWL-2** *16* 6/8	**KMWM-3** *13* 7/8	**KMWE-1** *4* 4/6

MOVEMENT POINT RATIO TABLE: SINGLE WARP ENGINE

Movement Point Ratios

Ship Class	2/1	3/1			4/1				5/1				6/1				7/1			8/1
IX	**KMWF-1** *12* 7/8 **KMWH-1** *17* 7/8 **KMWN-1** *14* 7/9	**KMWE-2** *8.5* 6/7 **KMWF-1** *8* 7/8 **KMWF-2** *10* 7/8 **KMWF-3** *11.5* 6/8 **KMWF-4** *13.5* 7/8 **KMWG-3** *9* 6/7	**KMWH-1** *11.5* 6/8 **KMWH-2** *13.5* 7/8 **KMWI-1** *12* 7/9 **KMWI-2** *14* 7/9 **KMWI-3** *16.5* 7/9 **KMWJ-1** *18* 8/9	**KMWJ-2** *16* 8/9 KMWM-1 **19** *7/8* KMWN-1 **9** *7/8* KMWN-2 **12** *7/9* KMWO-1 **14** *6/8* KMWO-2 **15.5** *6/8*	**KMWE-2** *6.5* 5/7 **KMWE-3** *8* 5/7 **KMWF-1** *6* 6/8 **KMWF-2** *7.5* 6/8 **KMWF-3** *8.5* 6/7 **KMWF-4** *10* 6/8	**KMWG-2** *4* 5/7 **KMWG-3** *7* 5/7 **KMWH-1** *8.5* 6/7 **KMWH-2** *10* 6/8 **KMWH-3** *11* 7/8 **KMWI-1** *9* 7/8	**KMWI-2** *11* 7/8 KMWI-3 **12.5** *7/8* KMWJ-1 **13.5** *7/9* KMWJ-2 **13** *7/9* KMWK-1 **16.5** *7/8* KMWK-2 **17** *7/8*	**KMWK-3** *18.5* 7/8 **KMWL-1** *18* 6/8 KMWM-1 **14** *6/8* KMWM-2 **16** *7/8* KMWO-1 **12** *6/7* KMWO-2 **13** *6/7*	**KMWE-1** *4.5* 5/6 **KMWE-2** *5* 5/6 **KMWE-3** *6* 5/6 **KMWF-1** *5* 6/7 **KMWF-2** *6* 6/7 **KMWF-4** *8* 6/7	**KMWG-2** *3.5* 5/6 KMWH-3 **8.5** *6/8* KMWK-2 **14** *6/8* KMWK-3 **15** *6/8* KMWL-1 **14** *6/7* KMWL-2 **16** *6/8*	**KMWM-1** *11.5* 6/7 **KMWM-2** *12.5* 6/8 KMWM-3 **13** *7/8*		**KMWE-1** *4* 4/6 **KMWE-3** *5* 4/6 **KMWM-3** *11* 6/8 **KMWP-1** *19* 7/8				**KMWE-1** *3* 4/5			
X	**KMWF-1** *12* 7/8 **KMWN-1** *14* 7/9	**KMWF-1** *8* 7/8 **KMWF-2** *10* 7/8 **KMWF-3** *11.5* 6/8 **KMWF-4** *13.5* 7/8 KMWH-1 **11.5** *6/8* KMWH-2 **13.5** *7/8*	**KMWI-1** *12* 7/9 **KMWI-2** *14* 7/9 **KMWI-3** *16.5* 7/9 **KMWJ-2** *16* 8/9 KMWM-1 **19** *7/8* KMWN-1 **9** *7/8*	**KMWN-2** *12* 7/9 **KMWO-1** *14* 6/8 **KMWO-2** *15.5* 6/8	**KMWF-1** *6* 6/8 **KMWF-2** *7.5* 6/8 **KMWF-3** *8.5* 6/7 **KMWF-4** *10* 6/8 **KMWH-1** *8.5* 6/7 **KMWH-2** *10* 6/8	**KMWH-3** *11* 7/8 **KMWI-1** *9* 7/8 **KMWI-2** *11* 7/8 **KMWI-3** *12.5* 7/8 **KMWJ-1** *13.5* 7/9 **KMWJ-2** *13* 7/9	**KMWK-1** *16.5* 7/8 **KMWK-2** *17* 7/8 **KMWK-3** *18.5* 7/8 **KMWL-1** *18* 6/8 **KMWM-1** *14* 6/8 **KMWM-2** *16* 7/8	**KMWN-1** *7* 6/8 **KMWN-2** *9* 7/8 **KMWO-1** *12* 6/7 **KMWO-2** *13* 6/7	**KMWF-1** *5* 6/7 **KMWF-2** *6* 6/7 **KMWF-4** *8* 6/7 **KMWH-2** *8* 6/7 **KMWH-3** *8.5* 6/8 **KMWI-1** *7* 6/8	**KMWJ-1** *11* 7/8 **KMWK-1** *13* 6/8 **KMWK-2** *14* 6/8 **KMWK-3** *15* 6/8 **KMWL-1** *14* 6/7 **KMWL-2** *16* 6/8	**KMWM-1** *11.5* 6/7 **KMWM-2** *12.5* 6/8 **KMWM-3** *13* 7/8		**KMWH-3** *7* 6/7 **KMWL-2** *13.5* 6/7 **KMWM-3** *11* 6/8 **KMWP-1** *19* 7/8							
XI		**KMWF-1** *8* 6/8 **KMWH-1** *11.5* 6/8 **KMWI-1** *12* 7/9 **KMWM-1** *19* 7/8 **KMWO-1** *14* 6/8	**KMWO-2** *15.5* 6/8		**KMWF-1** *6* 6/8 **KMWF-2** *7.5* 6/8 **KMWF-3** *8.5* 6/7 **KMWF-4** *10* 6/8 **KMWH-1** *8.5* 6/7	**KMWH-2** *10* 6/8 **KMWI-1** *9* 7/8 **KMWI-2** *11* 7/8 **KMWJ-1** *13.5* 7/9 **KMWJ-2** *13* 7/9	**KMWK-1** *16.5* 7/8 **KMWK-2** *17* 7/8 **KMWL-1** *18* 6/8 **KMWM-1** *14* 6/8 **KMWM-2** *16* 7/8	**KMWN-1** *7* 6/8 **KMWN-2** *9* 7/8 **KMWO-1** *12* 6/7 **KMWO-2** *13* 6/7	**KMWF-1** *5* 6/7 **KMWF-2** *6* 6/7 **KMWF-3** *7* 5/7 **KMWF-4** *8* 6/7 **KMWH-2** *8* 6/7	**KMWI-1** *7* 6/8 **KMWI-3** *10* 6/8 **KMWJ-1** *11* 7/8 **KMWJ-2** *11* 7/8 **KMWK-1** *13* 6/8	**KMWK-2** *14* 6/8 **KMWK-3** *15* 6/8 **KMWL-1** *14* 6/7 **KMWL-2** *16* 6/8 **KMWM-1** *11.5* 6/7	**KMWM-2** *12.5* 6/8 **KMWM-3** *13* 7/8 **KMWN-1** *5.5* 6/7 **KMWN-2** *7* 6/8	**KMWF-1** *4* 5/7 **KMWF-2** *5* 5/7 **KMWF-3** *6* 5/6 **KMWF-4** *6.5* 5/7 **KMWH-3** *7* 6/7	**KMWK-3** *12.5* 6/7 **KMWL-1** *12* 5/7 **KMWL-2** *13.5* 6/7 **KMWM-3** *11* 6/8 **KMWP-1** *19* 7/8			**KMWF-4** *6* 5/6 **KMWH-3** *6* 5/7 **KMWM-3** *9.5* 6/7			
XII					**KMWF-1** *6* 6/7 **KMWF-3** *8.5* 6/7 **KMWH-1** *8.5* 6/7 **KMWO-1** *12* 6/7 **KMWO-2** *13* 6/7				**KMWF-1** *5* 6/7 **KMWF-2** *6* 6/7 **KMWF-3** *7* 5/7 **KMWH-1** *7* 5/7 **KMWH-2** *8* 6/7	**KMWI-1** *7* 6/8 **KMWI-2** *8.5* 6/8 **KMWI-3** *10* 6/8 **KMWJ-1** *11* 7/8 **KMWJ-2** *11* 7/8	**KMWK-1** *13* 6/8 **KMWK-2** *14* 6/8 **KMWL-1** *14* 6/7 **KMWL-2** *16* 6/8 **KMWM-1** *11.5* 6/7	**KMWM-2** *12.5* 6/8 **KMWN-1** *5.5* 6/7 **KMWN-2** *7* 6/8	**KMWF-1** *4* 5/7 **KMWF-2** *5* 5/7 **KMWF-3** *6* 5/6 **KMWF-4** *6.5* 5/7 **KMWH-2** *6.5* 5/7	**KMWH-3** *7* 6/7 **KMWI-1** *6* 6/7 **KMWI-3** *8.5* 6/7 **KMWJ-1** *9* 6/8 **KMWK-1** *11* 6/7	**KMWK-2** *11.5* 6/7 KMWK-3 **12.5** *6/7* KMWL-1 **12** *5/7* KMWL-2 **13.5** *6/7* KMWM-2 **10.5** *6/7*	**KMWM-3** *11* 6/8 **KMWP-1** *19* 7/8	**KMWF-1** *3.5* 5/6 **KMWF-4** *6* 5/6 **KMWH-3** *6* 5/7 **KMWL-1** *10* 5/6 **KMWL-2** *11.5* 5/7	**KMWM-3** *9.5* 6/7		
XIII					**KMWH-1** *8.5* 6/7 **KMWO-1** *12* 6/7				**KMWH-1** *7* 5/7 **KMWH-2** *8* 6/7 **KMWI-2** *8.5* 6/8	**KMWJ-1** *11* 7/8 **KMWJ-2** *11* 7/8 **KMWM-1** *11.5* 6/7	**KMWM-2** *12.5* 6/8 **KMWO-1** *11* 5/7 **KMWO-2** *11.5* 5/7		**KMWH-2** *6.5* 5/7 **KMWI-1** *6* 6/7 **KMWI-2** *7* 6/7	**KMWI-3** *8.5* 6/7 **KMWJ-1** *9* 6/8 **KMWK-1** *11* 6/7	**KMWL-1** *12* 5/7 **KMWL-2** *13.5* 6/7 **KMWM-1** *9.5* 5/7	**KMWM-2** *10.5* 6/7 **KMWP-1** *19* 7/8	**KMWH-3** *6* 5/7 **KMWI-1** *5* 5/7 **KMWK-2** *10* 5/7	**KMWK-3** *10.5* 5/6 KMWL-1 **10** *5/6* KMWL-2 **11.5** *5/7*	**KMWM-3** *9.5* 6/7 **KMWP-1** *16.5* 6/8	**KMWH-3** *5.5* 5/6 **KMWM-3** *8* 5/7

MOVEMENT POINT RATIO TABLE: SINGLE WARP ENGINE

Ship Class	Movement Point Ratios							
	5/1	6/1			7/1			8/1
XIV	**KMWO-1** *11* 5/7 **KMWO-2** *11.5* 5/7	**KMWI-1** *6* 6/7 **KMWI-2** *7* 6/7 **KMWI-3** *8.5* 6/7	**KMWJ-1** *9* 6/8 **KMWJ-2** *9* 6/8 **KMWK-1** *11* 6/7	**KMWM-1** *9.5* 5/7 **KMWM-2** *10.5* 6/7 **KMWP-1** *19* 7/8	**KMWI-1** *5* 5/7 **KMWK-1** *9.5* 5/7 **KMWK-2** *10* 5/7	**KMWK-3** *10.5* 5/7 **KMWL-1** *10* 5/6 **KMWL-2** *11.5* 5/7	**KMWM-3** *9.5* 6/7 **KMWP-1** *16.5* 6/8	**KMWL-2** *10* 5/6 **KMWM-3** *8* 5/7
XV	**KMWO-1** *11* 5/7 **KMWO-2** *11.5* 5/7	**KMWJ-1** *9* 6/8 **KMWJ-2** *9* 6/8	**KMWO-2** *10.5* 5/6 **KMWP-1** *19* 7/8		**KMWL-1** *10* 5/6 **KMWP-1** *16.5* 6/8			**KMWL-1** *9* 4/6 **KMWL-2** *10* 5/6
XVI		**KMWO-1** *9.5* 5/6	**KMWO-2** *10.5* 5/6		**KMWP-1** *16.5* 6/8			
XVII					**KMWP-1** *16.5* 6/8			

WARP ENGINE TYPES
Tandem Nacelle Use

Warp Engine Type	Total Mass (mt)	Power Units Available	Control Computer Required	Stress Column (Eng/SS)	SS Requirememnt	Availability	Cost (MCr)	Year
KMWA-1	5,600	8 ea.	KM-4	A/A	1.2	III/8	143	2230
KMWA-2	5,600	13 ea.	KM-2	A/A	1.2	III/6	154	2234
KMWB-1	9,200	10 ea.	KM-3	B/B	3	III/7	235	2231
KMWB-2	9,200	13 ea.	KM-3	B/B	3	III/6	253	2235
KMWC-1	11,200	15 ea.	KM-4	B/B	4.2	III/5	297	2240
KMWD-1	15,200	17 ea.	KM-6	C/C	4.2	III/4	418	2241
KMWE-1	60,000	18 ea.	KM-6	C/D	5.2	III/1	1,210	2242
KMWE-2	60,000	20 ea.	KM-7	C/D	5.2	III/1	1,478	2250
KMWE-3	60,000	25 ea.	KM-7	C/D	5.2	III/1	1,549	2255
KMWF-1	90,000	19 ea.	KM-6	B/C	4.6	III/1	2,035	2251
KMWF-2	90,000	24 ea.	KM-13	B/C	4.6	III/1	2,198	2252
KMWF-3	90,000	27 ea.	KM-13	B/C	4.6	III/1	2,431	2256
KMWF-4	90,000	31 ea.	KM-13	B/C	8	III/1	2,475	2262
KMWG-1	56,000	9 ea.	KM-2	C/D	5	III/7	1,540	2252
KMWG-2	56,000	14 ea.	KM-4	C/D	5	III/1	1,617	2253
KMWG-3	56,000	22 ea.	KM-13	C/D	5	III/1	1,773	2258
KMWH-1	112,000	27 ea.	KM-13	D/D	7.8	III/1	3,080	2257
KMWH-2	112,000	31 ea.	KM-13	D/D	7.8	III/1	3,307	2263
KMWH-3	112,000	33 ea.	KM-13	D/D	7.8	III/1	3,788	2288
KMWI-1	120,000	28 ea.	KM-13	D/E	8.4	III/1	3,373	2282
KMWI-2	120,000	33 ea.	KM-14	D/E	8.4	III/1	3,544	2301
KMWI-3	120,000	39 ea.	KM-14	D/E	8.4	III/1	3,832	2316
KMWJ-1	152,000	42 ea.	KM-14	E/E	12.2	III/1	4,180	2310
KMWJ-2	152,000	46 ea.	KM-14	E/E	12.2	III/1	4,473	2322
KMWK-1	139,000	48 ea.	KM-14	F/G	14.4	III/1	3,823	2340
KMWK-2	139,000	50 ea.	KM-14	F/G	14.4	III/1	4,277	2343
KMWK-3	139,000	54 ea.	KM-20	F/G	14.4	III/1	4,567	2356
KMWL-1	158,000	52 ea.	KM-20	F/H	16.2	III/1	4,345	2351
KMWL-2	158,000	58 ea.	KM-20	F/H	16.2	III/1	4,794	2353
KMWM-1	140,000	41 ea.	KM-20	H/H	13.8	III/1	3,850	2355
KMWM-2	140,000	46 ea.	KM-20	H/H	13.8	III/1	4,068	2357
KMWM-3	140,000	48 ea.	KM-20	H/H	13.8	III/1	4,248	2364
KMWN-1	94,800	21 ea.	KM-13	H/J	10.2	III/1	2,607	2361
KMWN-2	94,800	26 ea.	KM-13	H/J	10.2	III/1	2,834	2362
KMWN-3	94,800	32 ea.	KM-14	H/J	10.2	III/1	2,974	2364
KMWO-1	193,000	63 ea.	KM-20	H/I	19.8	III/1	5,308	2369
KMWO-2	193,000	66 ea.	KM-22	H/I	19.8	III/1	5,694	2374
KMWP-1	220,000	50 ea.	KM-23	I/J	23.8	III/1	6,050	2372

MOVEMENT POINT RATIO TABLE: SINGLE WARP ENGINE

Movement Point Ratios

Ship Class	2/1		3/1			4/1			5/1			6/1		7/1		8/1
II	**KMWA-1** *11.5* 4/6 **KMWA-2** *18.5* 4/6 **KMWB-1** *14* 5/6	**KMWB-2** *18.5* 5/6 **KMWC-1** *21.5* 6/7														
III	**KMWA-2** *18.5* 4/6 **KMWB-1** *14* 5/6	**KMWB-2** *18.5* 5/6 **KMWC-1** *21.5* 6/7	**KMWA-1** *7.5* 4/5 **KMWD-1** *16* 6/7													
IV	**KMWC-1** *21.5* 6/7		**KMWA-2** *12.5* 4/5 **KMWB-1** *9* 4/6	**KMWB-2** *12.5* 4/6 **KMWC-1** *14* 5/7	**KMWD-1** *16* 6/7											
V	**KMWC-1** *21.5* 6/7		**KMWB-2** *12.5* 4/6	**KMWC-1** *14* 5/7	**KMWD-1** *16* 6/7	**KMWD-1** *12* 5/7										
VI	**KMWG-1** *13* 6/7 **KMWG-2** *20* 6/7		**KMWD-1** *16* 6/7 **KMWE-1** *17* 7/8	**KMWE-2** *19* 7/8 **KMWG-3** *21* 6/7		**KMWD-1** *12* 5/7 **KMWE-3** *18* 7/8										
VII	**KMWG-1** *13* 6/7		**KMWE-1** *17* 7/8 **KMWE-2** *19* 7/8	**KMWF-1** *18* 6/8 **KMWG-1** *8.5* 5/7	**KMWG-2** *13.5* 5/7 **KMWN-1** *20* 7/8	**KMWE-3** *18* 7/8 **KMWG-3** *16* 5/7	**KMWN-2** *18.5* 7/8		**KMWN-3** *18* 8/9							
VIII	**KMWG-1** *13* 6/7		**KMWE-1** *17* 7/8 **KMWE-2** *19* 7/8	**KMWF-1** *18* 6/8 **KMWG-1** *8.5* 5/7	**KMWG-2** *13.5* 5/7 **KMWN-1** *20* 7/8	**KMWE-3** *18* 7/8 **KMWF-2** *17* 6/8	**KMWF-3** *19* 6/8 **KMWG-3** *16* 5/7	**KMWN-2** *18.5* 7/8	**KMWN-3** *18* 8/9							
IX			**KMWE-1** *17* 7/8 **KMWE-2** *19* 7/8 **KMWF-1** *18* 6/8	**KMWG-1** *8.5* 5/7 **KMWN-1** *20* 7/8		**KMWE-1** *13* 6/8 **KMWE-3** *18* 7/8 **KMWF-2** *17* 6/8	**KMWF-3** *19* 6/8 **KMWG-1** *6.5* 5/6 **KMWG-2** *10* 5/6	**KMWG-3** *16* 5/7 **KMWN-1** *15* 6/8 **KMWN-2** *18.5* 7/8	**KMWF-4** *18* 6/8 **KMWN-2** *15* 6/8 **KMWN-3** *18* 8/9							
X			**KMWE-2** *19* 7/8 **KMWF-1** *18* 6/8 **KMWG-1** *8.5* 5/7			**KMWE-1** *13* 6/8 **KMWE-2** *14* 6/8 **KMWE-3** *18* 7/8 **KMWF-2** *17* 6/8	**KMWF-3** *19* 6/8 **KMWG-1** *6.5* 5/6 **KMWG-2** *10* 5/6 **KMWG-3** *16* 5/7	**KMWH-1** *19* 7/9 **KMWI-1** *20* 7/8 **KMWN-1** *15* 6/8 **KMWN-2** *18.5* 7/8	**KMWE-3** *14* 6/8 **KMWF-3** *15.5* 6/7 **KMWF-4** *18* 6/8 **KMWH-2** *18* 7/9	**KMWH-3** *19* 7/9 **KMWI-2** *19* 7/8 **KMWN-1** *12* 6/7 **KMWN-2** *15* 6/8	**KMWN-3** *18* 8/9	**KMWI-3** *18.5* 7/8 **KMWM-1** *19.5* 6/8 **KMWN-3** *15* 7/9		**KMWM-3** *19.5* 6/8		
XI						**KMWE-1** *13* 6/8 **KMWE-2** *14* 6/8 **KMWE-3** *18* 7/8 **KMWF-1** *13.5* 6/7	**KMWF-2** *17* 6/8 **KMWF-3** *19* 6/8 **KMWG-1** *6.5* 5/6 **KMWG-2** *10* 5/6	**KMWG-3** *16* 5/7 **KMWH-1** *19* 7/9 **KMWI-1** *20* 7/8 **KMWN-1** *15* 6/8	**KMWE-1** *10* 6/7 **KMWE-3** *14* 6/8 **KMWF-3** *15.5* 6/7 **KMWF-4** *18* 6/8	**KMWG-1** *5* 4/6 **KMWH-2** *18* 7/9 **KMWH-3** *19* 7/9 **KMWI-2** *19* 7/8	**KMWN-1** *12* 6/7 **KMWN-2** *15* 6/8	**KMWF-4** *15* 6/7 **KMWH-2** *15* 7/8 **KMWI-3** *18.5* 7/8 **KMWM-1** *19.5* 6/8	**KMWN-3** *15* 7/9	**KMWK-1** *19.5* 6/8 **KMWK-2** *20.5* 6/8 **KMWM-1** *17* 6/7 **KMWM-2** *19* 6/8	**KMWM-3** *19.5* 6/8	**KMWK-3** *19* 6/8

MOVEMENT POINT RATIO TABLE: SINGLE WARP ENGINE

Movement Point Ratios

Ship Class	4/1	5/1			6/1			7/1			8/1			9/1		10/1
XII	**KMWE-2** *14* 6/8 **KMWF-1** *13.5* 6/7 **KMWG-2** *10* 5/6 **KMWH-1** *19* 7/9 **KMWI-1** *20* 7/8	**KMWE-1** *10* 6/7 **KMWE-2** *11.5* 6/7 **KMWE-3** *14* 6/8 **KMWF-2** *14* 6/7 **KMWF-3** *15.5* 6/7	**KMWF-4** *18* 6/8 **KMWG-1** *5* 4/6 **KMWG-3** *12.5* 5/6 **KMWH-2** *18* 7/9 **KMWH-3** *19* 7/9	**KMWI-1** *16* 6/8 **KMWI-2** *19* 7/8 **KMWN-1** *12* 6/7 **KMWN-2** *15* 6/8	**KMWE-1** *8.5* 5/7 **KMWF-4** *15* 6/7 **KMWH-2** *15* 7/8 **KMWH-3** *16* 7/8 **KMWI-3** *18.5* 7/8	**KMWJ-1** *20* 7/9 **KMWM-1** *19.5* 6/8 **KMWN-3** *15* 7/9		**KMWJ-2** *19* 7/9 **KMWK-1** *19.5* 6/8 **KMWK-2** *20.5* 6/8 **KMWL-1** *21* 6/7 **KMWM-1** *17* 6/7	**KMWM-2** *19* 6/8 **KMWM-3** *19.5* 6/8		**KMWK-3** *19* 6/8 **KMWL-2** *21* 6/7			**KMWO-1** *20* 7/8 **KMWO-2** *21* 7/8		
XIII		**KMWE-2** *11.5* 6/7 **KMWF-1** *11* 5/7 **KMWF-2** *14* 6/7 **KMWF-3** *15.5* 6/7 **KMWF-4** *18* 6/8	**KMWH-1** *15.5* 7/8 **KMWI-1** *16* 6/8 **KMWI-2** *19* 7/8 **KMWN-1** *12* 6/7 **KMWN-2** *15* 6/8		**KMWE-1** *8.5* 5/7 **KMWE-3** *12* 6/7 **KMWF-3** *13* 5/7 **KMWF-4** *15* 6/7 **KMWH-2** *15* 7/8	**KMWH-3** *16* 7/8 **KMWI-2** *16* 6/8 **KMWI-3** *18.5* 7/8 **KMWJ-1** *20* 7/9 **KMWM-1** *19.5* 6/8	**KMWN-1** *10* 5/7 **KMWN-2** *12.5* 6/7 **KMWN-3** *15* 7/9	**KMWI-3** *16* 6/8 **KMWJ-2** *19* 7/9 **KMWK-1** *19.5* 6/8 **KMWK-2** *20.5* 6/8 **KMWL-1** *21* 6/7	**KMWM-1** *17* 6/7 **KMWM-2** *19* 6/8 **KMWM-3** *19.5* 6/8 **KMWN-3** *13* 7/8 **KMWP-1** *20.5* 7/9		**KMWJ-2** *16.5* 7/8 **KMWK-3** *19* 6/8 **KMWL-2** *21* 6/7 **KMWM-1** *14.5* 5/7 **KMWM-2** *16.5* 6/7	**KMWM-3** *17* 6/7 **KMWP-1** *18* 7/8		**KMWO-1** *20* 7/8 **KMWO-2** *21* 7/8		
XIV		**KMWE-2** *11.5* 6/7 **KMWF-1** *11* 5/7 **KMWF-3** *15.5* 6/7 **KMWH-1** *15.5* 7/8	**KMWI-1** *16* 6/8 **KMWN-1** *12* 6/7 **KMWN-2** *15* 6/8		**KMWE-3** *12* 6/7 **KMWF-2** *11.5* 5/7 **KMWF-3** *13* 5/7 **KMWF-4** *15* 6/7	**KMWH-2** *15* 7/8 **KMWH-3** *16* 7/8 **KMWI-2** *16* 6/8 **KMWJ-1** *20* 7/9	**KMWN-1** *10* 5/7 **KMWN-2** *12.5* 6/7 **KMWN-3** *15* 7/9	**KMWH-2** *12.5* 6/8 **KMWI-3** *16* 6/8 **KMWJ-2** *19* 7/9 **KMWK-2** *20.5* 6/8	**KMWL-1** *21* 6/7 **KMWM-1** *17* 6/7 **KMWM-2** *19* 6/8 **KMWM-3** *19.5* 6/8	**KMWN-3** *13* 7/8 **KMWP-1** *20.5* 7/9	**KMWJ-2** *16.5* 7/8 **KMWK-1** *17* 6/7 **KMWK-3** *19* 6/8 **KMWL-2** *21* 6/7	**KMWM-1** *14.5* 5/7 **KMWM-2** *16.5* 6/7 **KMWM-3** *17* 6/7 **KMWP-1** *18* 7/8		**KMWK-3** *17* 6/7 **KMWO-1** *20* 7/8 **KMWO-2** *21* 7/8		**KMWO-2** *19* 6/8
XV		**KMWF-1** *11* 5/7 **KMWH-1** *15.5* 7/8 **KMWI-1** *16* 6/8			**KMWF-2** *11.5* 5/7 **KMWF-3** *13* 5/7 **KMWF-4** *15* 6/7 **KMWH-2** *15* 7/8	**KMWH-3** *16* 7/8 **KMWI-1** *13.5* 6/7 **KMWI-2** *16* 6/8 **KMWJ-1** *20* 7/9	**KMWN-1** *10* 5/7 **KMWN-2** *12.5* 6/7	**KMWH-2** *12.5* 6/8 **KMWH-3** *13.5* 6/8 **KMWI-2** *13.5* 6/7 **KMWI-3** *16* 6/8	**KMWJ-1** *17* 7/8 **KMWK-2** *20.5* 6/8 **KMWL-1** *21* 6/7 **KMWM-1** *17* 6/7	**KMWN-3** *13* 7/8 **KMWP-1** *20.5* 7/9	**KMWI-3** *14* 6/7 **KMWJ-2** *16.5* 7/8 **KMWK-1** *17* 6/7 **KMWK-2** *18* 6/7	**KMWL-2** *21* 6/7 **KMWM-1** *14.5* 5/7 **KMWM-2** *16.5* 6/7 **KMWM-3** *17* 6/7	**KMWP-1** *18* 7/8	**KMWK-3** *17* 6/7 **KMWM-2** *14.5* 5/7 **KMWO-1** *20* 7/8 **KMWO-2** *21* 7/8		**KMWO-1** *18* 6/8 **KMWO-2** *19* 6/8
XVI		**KMWF-1** *11* 5/7 **KMWH-1** *15.5* 7/8			**KMWF-2** *11.5* 5/7 **KMWF-3** *13* 5/7 **KMWF-4** *15* 6/7 **KMWH-3** *16* 7/8	**KMWI-1** *13.5* 6/7 **KMWI-2** *16* 6/8 **KMWN-1** *10* 5/7 **KMWN-2** *12.5* 6/7		**KMWF-4** *12.5* 5/7 **KMWH-2** *12.5* 6/8 **KMWH-3** *13.5* 6/8 **KMWI-2** *13.5* 6/7	**KMWI-3** *16* 6/8 **KMWJ-1** *17* 7/8 **KMWM-1** *17* 6/7		**KMWI-3** *14* 6/7 **KMWJ-2** *16.5* 7/8 **KMWK-1** *17* 6/7 **KMWK-2** *18* 6/7	**KMWL-1** *18.5* 5/7 **KMWM-1** *14.5* 5/7 **KMWM-2** *16.5* 6/7 **KMWM-3** *17* 6/7	**KMWN-3** *11.5* 6/8 **KMWP-1** *18* 7/8	**KMWK-3** *17* 6/7 **KMWL-2** *18.5* 5/7 **KMWM-2** *14.5* 5/7 **KMWM-3** *15* 5/7	**KMWO-1** *20* 7/8 **KMWO-2** *21* 7/8 **KMWP-1** *16* 6/8	**KMWO-1** *18* 6/8 **KMWO-2** *19* 6/8

MOVEMENT POINT RATIO TABLE: SINGLE WARP ENGINE

Movement Point Ratios

Ship Class	5/1	6/1	7/1		8/1			9/1			10/1			11/1	
XVII	**KMWH-1** *15.5* 7/8	**KMWF-4** *15* 6/7 **KMWI-1** *13.5* 6/7	**KMWF-4** *12.5* 5/7 **KMWH-2** *12.5* 6/8 **KMWH-3** *13.5* 6/8 **KMWI-2** *13.5* 6/7	**KMWJ-1** *17* 7/8	**KMWI-3** *14* 6/7 **KMWJ-2** *16.5* 7/8 **KMWK-1** *17* 6/7 **KMWK-2** *18* 6/7	**KMWL-1** *18.5* 5/7 **KMWM-1** *14.5* 5/7 **KMWM-2** *16.5* 6/7 **KMWM-3** *17* 6/7	**KMWN-3** *11.5* 6/8 **KMWP-1** *18* 7/8	**KMWJ-2** *14.5* 6/8 **KMWK-3** *17* 6/7 **KMWL-2** *18.5* 5/7 **KMWM-2** *14.5* 5/7	**KMWM-3** *15* 5/7 **KMWP-1** *16* 6/8		**KMWK-3** *15.5* 5/7 **KMWO-1** *18* 6/8 **KMWO-2** *19* 6/8				
XVIII		**KMWI-1** *13.5* 6/7	**KMWH-2** *12.5* 6/8 **KMWI-1** *11.5* 5/7 **KMWI-2** *13.5* 6/7	**KMWJ-1** *17* 7/8	**KMWI-3** *14* 6/7 **KMWJ-1** *15* 6/8 **KMWJ-2** *16.5* 7/8	**KMWK-1** *17* 6/7 **KMWK-2** *18* 6/7 **KMWL-1** *18.5* 5/7	**KMWM-1** *14.5* 5/7 **KMWM-2** *16.5* 6/7 **KMWP-1** *18* 7/8	**KMWJ-2** *14.5* 6/8 **KMWL-2** *18.5* 5/7 **KMWM-1** *13* 5/6	**KMWM-2** *14.5* 5/7 **KMWM-3** *15* 5/7 **KMWP-1** *16* 6/8		**KMWK-3** *15.5* 5/7 **KMWO-1** *18* 6/8 **KMWO-2** *19* 6/8			**KMWO-2** *17* 6/7	
XIX			**KMWI-1** *11.5* 5/7		**KMWJ-1** *15* 6/8 **KMWK-1** *17* 6/7	**KMWK-2** *18* 6/7 **KMWL-1** *18.5* 5/7	**KMWM-1** *14.5* 5/7	**KMWJ-2** *14.5* 6/8 **KMWK-1** *15* 5/7	**KMWJ-2** *14.5* 6/8 **KMWK-1** *15* 5/7	**KMWP-1** *16* 6/8	**KMWK-3** *15.5* 5/7 **KMWL-2** *16.5* 5/6	**KMWM-2** *13* 5/6 **KMWO-2** *19* 6/8	**KMWM-2** *13* 5/6 **KMWO-2** *19* 6/8	**KMWM-2** *12* 4/6 **KMWO-1** *16.5* 6/7	**KMWO-2** *17* 6/7
XX					**KMWJ-1** *15* 6/8 **KMWL-1** *18.5* 5/7			**KMWJ-2** *14.5* 6/8 **KMWK-1** *15* 5/7	**KMWM-1** *13* 5/6 **KMWP-1** *16* 6/8		**KMWL-2** *16.5* 5/6 **KMWM-2** *13* 5/6	**KMWP-1** *14* 6/7		**KMWM-2** *12* 4/6 **KMWO-2** *17* 6/7	

IMPULSE ENGINE TYPES

Impulse Engine Type	Total Mass (mt)	Power Units Available	Control Computer Required	Ship Classes Powered	SS Requirememnt	Availability	Cost (MCr)	Year
KMIA-1	172	2	2	I-VI	0.1	III/01	4	2221
KMIA-2	172	3	2	I-IX	0.1	III/01	5	2223
KMIA-3	172	4	2	II-XII	0.1	III/01	8	2229
KMIA-4	172	5	2	II-XV	0.1	III/01	11	2238
KMIA-5	172	7	2	III-XVI	0.1	III/01	14	2241
KMIB-1	257	3	2	I-XVII	0.1	III/01	5	2229
KMIB-2	257	6	2	II-XV	0.1	III/01	10	2241
KMIB-3	257	8	7	III-XVIII	0.1	III/01	12	2250
KMIC-1	856	10	16	II-XVI	0.1	III/01	17	2236
KMIC-2	856	14	16	III-XIV	0.1	III/01	26	2247
KMIC-3	856	16	25	IV-XV	0.1	III/01	30	2249
KMIC-4	856	20	25	VII-XIX	0.1	III/01	46	2256
KMID-1	1633	19	25	V-XVII	0.1	III/01	40	2243
KMID-2	1633	24	25	VIII-XX	0.1	III/01	49	2259
KMIE-1	1879	22	25	VII-XX	0.1	III/01	34	2248
KMIE-2	1879	28	40	IX-XVIII	0.1	III/01	58	2254
KMIE-3	1879	30	60	X-XX	0.1	III/01	67	2263
KMIE-4	1879	40	60	XIII-XX	0.1	III/01	88	2269

MOVEMENT POINT RATIO TABLE: IMPULSE ENGINE

Movement Point Ratios

Ship Class	1/1			2/1			3/1			4/1			5/1			6/1			7/1			8/1		
I	KMIA-1 3	KMIB-1 4		KMIA-1 1.5	KMIB-1 2		KMIA-1 1	KMIB-1 1.5																
II	KMIA-1 3	KMIA-2 4	KMIB-1 4	KMIA-1 1.5	KMIA-2 2	KMIB-1 2	KMIA-1 1	KMIA-2 1.5	KMIB-1 1.5	KMIA-1 0.5	KMIA-2 1	KMIB-1 1	KMIA-1 0.5	KMIA-2 1	KMIB-1 1									
III	KMIA-1 3 KMIA-2 4			KMIA-1 1.5 KMIA-2 2	KMIA-3 3 KMIA-4 3.5	KMIB-1 2	KMIA-1 1 KMIA-2 1.5	KMIA-3 2 KMIA-4 2.5	KMIB-1 1.5	KMIA-1 0.5 KMIA-2 1	KMIA-3 1.5 KMIA-4 2	KMIB-1 1	KMIA-1 0.5 KMIA-2 1	KMIA-3 1 KMIA-4 1.5	KMIB-1 1									
IV	KMIA-1 3 KMIA-2 4 KMIA-3 5.5	KMIA-4 7 KMIA-5 10 KMIB-1 4	KMIB-2 8.5 KMIC-2 20 KMIC-3 23	KMIA-1 1.5 KMIA-2 2 KMIA-3 3	KMIA-4 3.5 KMIA-5 5 KMIB-1 2	KMIB-2 4 KMIC-2 10 KMIC-3 11.5	KMIA-1 1 KMIA-2 1.5 KMIA-3 2	KMIA-4 2.5 KMIA-5 3.5 KMIB-1 1.5	KMIB-2 3 KMIC-2 6.5 KMIC-3 7.5	KMIA-1 0.5 KMIA-2 1 KMIA-3 1.5	KMIA-4 2 KMIA-5 2.5 KMIB-1 1	KMIB-2 2 KMIC-2 5 KMIC-3 5.5	KMIA-1 0.5 KMIA-2 1 KMIA-3 1	KMIA-4 1.5 KMIA-5 2 KMIB-1 1	KMIB-2 1.5 KMIC-2 4 KMIC-3 4.5	KMIA-1 0.5 KMIA-2 0.5 KMIA-3 1	KMIA-4 1 KMIA-5 1.5 KMIB-1 0.5	KMIB-2 1.5 KMIC-2 3.5 KMIC-3 4						
V	KMIA-1 3 KMIA-3 5.5 KMIA-4 7 KMIA-5 10	KMIB-1 4 KMIB-2 8.5 KMIB-3 11.5 KMIC-1 14	KMIC-2 20 KMIC-3 23	KMIA-1 1.5 KMIA-3 3 KMIA-4 3.5 KMIA-5 5	KMIB-1 2 KMIB-2 4 KMIB-3 6 KMIC-1 7	KMIC-2 10 KMIC-3 11.5	KMIA-1 1 KMIA-3 2 KMIA-4 2.5 KMIA-5 3.5	KMIB-1 1.5 KMIB-2 3 KMIB-3 4 KMIC-1 5	KMIC-2 6.5 KMIC-3 7.5	KMIA-1 0.5 KMIA-3 1.5 KMIA-4 2 KMIA-5 2.5	KMIB-1 1 KMIB-2 2 KMIB-3 3 KMIC-1 3.5	KMIC-2 5 KMIC-3 5.5	KMIA-1 0.5 KMIA-3 1 KMIA-4 1.5 KMIA-5 2	KMIB-1 1 KMIB-2 1.5 KMIB-3 2 KMIC-1 3	KMIC-2 4 KMIC-3 4.5	KMIA-4 1 KMIA-5 1.5 KMIB-1 0.5 KMIB-2 1.5	KMIC-2 3.5 KMIC-3 4								
VI	KMIA-1 3 KMIA-3 5.5 KMIA-4 7 KMIA-5 10	KMIB-1 4 KMIB-2 8.5 KMIB-3 11.5 KMIC-1 14	KMIC-2 20 KMIC-3 23	KMIA-1 1.5 KMIA-3 3 KMIA-4 3.5 KMIA-5 5	KMIB-1 2 KMIB-2 4 KMIB-3 6 KMIC-1 7	KMIC-2 10 KMIC-3 11.5	KMIA-1 1 KMIA-3 2 KMIA-4 2.5 KMIA-5 3.5	KMIB-1 1.5 KMIB-2 3 KMIB-3 4 KMIC-1 5	KMIC-2 6.5 KMIC-3 7.5	KMIA-1 0.5 KMIA-3 1.5 KMIA-4 2 KMIA-5 2.5	KMIB-1 1 KMIB-2 2 KMIB-3 3 KMIC-1 3.5	KMIC-2 5 KMIC-3 5.5	KMIA-1 0.5 KMIA-3 1 KMIA-4 1.5 KMIA-5 2	KMIB-1 1 KMIB-2 1.5 KMIB-3 2 KMIC-1 3	KMIC-2 4 KMIC-3 4.5	KMIA-4 1 KMIA-5 1.5 KMIB-1 0.5 KMIB-2 1.5	KMIC-2 3.5 KMIC-3 4								
VII				KMIA-3 3 KMIA-4 3.5 KMIA-5 5 KMIB-1 2	KMIB-2 4 KMIB-3 6 KMIC-1 7 KMIC-2 10	KMIC-3 11.5 KMIC-4 14	KMIA-3 2 KMIA-4 2.5 KMIA-5 3.5 KMIB-1 1.5	KMIB-2 3 KMIB-3 4 KMIC-1 5 KMIC-2 6.5	KMIC-3 7.5 KMIC-4 9	KMIA-3 1.5 KMIA-4 2 KMIA-5 2.5 KMIB-1 1	KMIB-2 2 KMIB-3 3 KMIC-1 3.5 KMIC-2 5	KMIC-3 5.5 KMIC-4 7	KMIA-3 1 KMIA-4 1.5 KMIA-5 2 KMIB-1 1	KMIB-2 1.5 KMIB-3 2 KMIC-1 3 KMIC-2 4	KMIC-3 4.5 KMIC-4 5.5	KMIA-4 1 KMIA-5 1.5 KMIB-1 0.5 KMIB-2 1.5	KMIC-2 3.5 KMIC-3 4								
VIII				KMIA-4 3.5 KMIA-5 5 KMIB-1 2 KMIB-2 4	KMIB-3 6 KMIC-1 7 KMIC-2 10 KMIC-3 11.5	KMIC-4 14 KMID-1 13.5 KMIE-1 15.5	KMIA-4 2.5 KMIA-5 3.5 KMIB-1 1.5 KMIB-2 3	KMIB-3 4 KMIC-1 5 KMIC-2 6.5 KMIC-3 7.5	KMIC-4 9 KMID-1 9 KMIE-1 10	KMIA-4 2 KMIA-5 2.5 KMIB-1 1 KMIB-2 2	KMIB-3 3 KMIC-1 3.5 KMIC-2 5 KMIC-3 5.5	KMIC-4 7 KMID-1 7 KMIE-1 8	KMIA-4 1.5 KMIA-5 2 KMIB-1 1 KMIB-2 1.5	KMIB-3 2 KMIC-1 3 KMIC-2 4 KMIC-3 4.5	KMIC-4 5.5 KMID-1 5.5 KMIE-1 6	KMIA-4 1 KMIA-5 1.5 KMIB-1 0.5 KMIB-2 1.5	KMIB-3 2 KMIC-1 2 KMIC-2 3.5 KMIC-3 4	KMIC-4 5 KMID-1 4.5 KMIE-1 5								
IX				KMIB-1 2 KMIB-2 4 KMIB-3 6 KMIC-1 7	KMIC-2 10 KMIC-3 11.5 KMIC-4 14 KMID-1 13.5	KMID-2 17 KMIE-1 15.5	KMIB-1 1.5 KMIB-2 3 KMIB-3 4 KMIC-1 5	KMIC-2 6.5 KMIC-3 7.5 KMIC-4 9 KMID-1 9	KMID-2 11.5 KMIE-1 10	KMIB-1 1 KMIB-2 2 KMIB-3 3 KMIC-1 3.5	KMIC-2 5 KMIC-3 5.5 KMIC-4 7 KMID-1 7	KMID-2 8.5 KMIE-1 8	KMIB-1 1 KMIB-2 1.5 KMIB-3 2 KMIC-1 3	KMIC-2 4 KMIC-3 4.5 KMIC-4 5.5 KMID-1 5.5	KMID-2 7 KMIE-1 6	KMIB-1 0.5 KMIB-2 1.5 KMIB-3 2 KMIC-1 2	KMIC-2 3.5 KMIC-3 4 KMIC-4 5 KMID-1 4.5	KMID-2 6 KMIE-1 5	KMIB-1 0.5 KMIB-2 1 KMIB-3 1.5 KMIC-1 2	KMIC-2 3 KMIC-3 3 KMIC-4 4 KMID-1 4	KMID-2 5 KMIE-1 4.5			
X				KMIB-2 4 KMIB-3 6 KMIC-1 7 KMIC-2 10	KMIC-3 11.5 KMIC-4 14 KMID-1 13.5 KMID-2 17	KMIE-1 15.5 KMIE-2 20	KMIB-2 3 KMIB-3 4 KMIC-1 5 KMIC-2 6.5	KMIC-3 7.5 KMIC-4 9 KMID-1 9 KMID-2 11.5	KMIE-1 10 KMIE-2 13.5	KMIB-2 2 KMIB-3 3 KMIC-1 3.5 KMIC-2 5	KMIC-3 5.5 KMIC-4 7 KMID-1 7 KMID-2 8.5	KMIE-1 8 KMIE-2 10	KMIB-2 1.5 KMIB-3 2 KMIC-1 3 KMIC-2 4	KMIC-3 4.5 KMIC-4 5.5 KMID-1 5.5 KMID-2 7	KMIE-1 6 KMIE-2 8	KMIB-2 1.5 KMIB-3 2 KMIC-1 2 KMIC-2 3.5	KMIC-3 4 KMIC-4 5 KMID-1 4.5 KMID-2 6	KMIE-1 5 KMIE-2 6.5	KMIB-2 1 KMIB-3 1.5 KMIC-1 2 KMIC-2 3	KMIC-3 3 KMIC-4 4 KMID-1 4 KMID-2 5	KMIE-1 4.5 KMIE-2 6			
XI							KMIB-3 4 KMIC-1 5 KMIC-2 6.5	KMIC-3 7.5 KMIC-4 9 KMID-1 9	KMID-2 11.5 KMIE-1 10 KMIE-2 13.5	KMIB-3 3 KMIC-1 3.5 KMIC-2 5	KMIC-3 5.5 KMIC-4 7 KMID-1 7	KMID-2 8.5 KMIE-1 8 KMIE-2 10	KMIB-3 2 KMIC-1 3 KMIC-2 4	KMIC-3 4.5 KMIC-4 5.5 KMID-1 5.5	KMID-2 7 KMIE-1 6 KMIE-2 8	KMIB-3 2 KMIC-1 2 KMIC-2 3.5	KMIC-3 4 KMIC-4 5 KMID-1 4.5	KMID-2 6 KMIE-1 5 KMIE-2 6.5	KMIB-3 1.5 KMIC-1 2 KMIC-2 3	KMIC-3 3 KMIC-4 4 KMID-1 4	KMID-2 5 KMIE-1 4.5 KMIE-2 6	KMIB-3 1.5 KMIC-1 2 KMIC-2 2.5	KMIC-3 3 KMIC-4 3.5 KMID-1 3.5	KMID-2 4 KMIE-1 4 KMIE-2 5

MOVEMENT POINT RATIO TABLE: IMPULSE ENGINE

Movement Point Ratios

Ship Class	4/1		5/1		6/1		7/1		8/1		9/1		10/1		11/1	
XII	KMIB-3 3 KMIC-1 3.5 KMIC-2 5 KMIC-3 5.5 KMIC-4 7	KMID-1 7 KMID-2 8.5 KMIE-1 8 KMIE-2 10 KMIE-3 11	KMIB-3 2 KMIC-1 3 KMIC-2 4 KMIC-3 4.5 KMIC-4 5.5	KMID-1 5.5 KMID-2 7 KMIE-1 6 KMIE-2 8 KMIE-3 8.5	KMIB-3 2 KMIC-1 2 KMIC-2 3.5 KMIC-3 4 KMIC-4 5	KMID-1 4.5 KMID-2 6 KMIE-1 5 KMIE-2 6.5 KMIE-3 7	KMIB-3 1.5 KMIC-1 2 KMIC-2 3 KMIC-3 3 KMIC-4 4	KMID-1 4 KMID-2 5 KMIE-1 4.5 KMIE-2 6 KMIE-3 6	KMIB-3 1.5 KMIC-1 2 KMIC-2 2.5 KMIC-3 3 KMIC-4 3.5	KMID-1 3.5 KMID-2 4 KMIE-1 4 KMIE-2 5 KMIE-3 5.5	KMIB-3 1 KMIC-1 1.5 KMIC-2 2 KMIC-3 2.5 KMIC-4 3	KMID-1 3 KMID-2 4 KMIE-1 3.5 KMIE-2 4.5 KMIE-3 5				
XIII	KMIC-2 5 KMIC-3 5.5 KMIC-4 7 KMID-1 7	KMID-2 8.5 KMIE-1 8 KMIE-2 10 KMIE-3 11	KMIC-2 4 KMIC-3 4.5 KMIC-4 5.5 KMID-1 5.5	KMIE-2 8 KMIE-3 8.5	KMIC-2 3.5 KMIC-3 4 KMIC-4 5 KMID-1 4.5	KMID-2 6 KMIE-1 5 KMIE-2 6.5 KMIE-3 7	KMIC-2 3 KMIC-3 3 KMIC-4 4 KMID-1 4	KMID-2 5 KMIE-1 4.5 KMIE-2 6 KMIE-3 6	KMIC-2 2.5 KMIC-3 3 KMIC-4 3.5 KMID-1 3.5	KMID-2 4 KMIE-1 4 KMIE-2 5 KMIE-3 5.5	KMIC-2 2 KMIC-3 2.5 KMIC-4 3 KMID-1 3	KMID-2 4 KMIE-1 3.5 KMIE-2 4.5 KMIE-3 5				
XIV			KMIC-2 4 KMIC-3 4.5 KMIC-4 5.5 KMID-1 5.5 KMID-2 7	KMIE-1 6 KMIE-2 8 KMIE-3 8.5 KMIE-4 11.5	KMIC-2 3.5 KMIC-3 4 KMIC-4 5 KMID-1 4.5 KMID-2 6	KMIE-1 5 KMIE-2 6.5 KMIE-3 7 KMIE-4 9.5	KMIC-2 3 KMIC-3 3 KMIC-4 4 KMID-1 4 KMID-2 5	KMIE-1 4.5 KMIE-2 6 KMIE-3 6 KMIE-4 8	KMIC-2 2.5 KMIC-3 3 KMIC-4 3.5 KMID-1 3.5 KMID-2 4	KMIE-1 4 KMIE-2 5 KMIE-3 5.5 KMIE-4 7	KMIC-2 2 KMIC-3 2.5 KMIC-4 3 KMID-1 3 KMID-2 4	KMIE-1 3.5 KMIE-2 4.5 KMIE-3 5 KMIE-4 6.5	KMIC-2 2 KMIC-3 2 KMIC-4 3 KMID-1 3 KMID-2 3.5	KMIE-1 3 KMIE-2 4 KMIE-3 4 KMIE-4 6		
XV			KMIC-3 4.5 KMIC-4 5.5 KMID-1 5.5 KMID-2 7	KMIE-1 6 KMIE-2 8 KMIE-3 8.5 KMIE-4 11.5	KMIC-3 4 KMIC-4 5 KMID-1 4.5 KMID-2 6	KMIE-1 5 KMIE-2 6.5 KMIE-3 7 KMIE-4 9.5	KMIC-3 3 KMIC-4 4 KMID-1 4 KMID-2 5	KMIE-1 4.5 KMIE-2 6 KMIE-3 6 KMIE-4 8	KMIC-3 3 KMIC-4 3.5 KMID-1 3.5 KMID-2 4	KMIE-1 4 KMIE-2 5 KMIE-3 5.5 KMIE-4 7	KMIC-3 2.5 KMIC-4 3 KMID-1 3 KMID-2 4	KMIE-1 3.5 KMIE-2 4.5 KMIE-3 5 KMIE-4 6.5	KMIC-3 2 KMIC-4 3 KMID-1 3 KMID-2 3.5	KMIE-1 3 KMIE-2 4 KMIE-3 4 KMIE-4 6		
XVI			KMIC-4 5.5 KMID-1 5.5 KMID-2 7 KMIE-1 6	KMIE-2 8 KMIE-3 8.5 KMIE-4 11.5	KMIC-4 5 KMID-1 4.5 KMID-2 6 KMIE-1 5	KMIE-2 6.5 KMIE-3 7 KMIE-4 9.5	KMIC-4 4 KMID-1 4 KMID-2 5 KMIE-1 4.5	KMIE-2 6 KMIE-3 6 KMIE-4 8	KMIC-4 3.5 KMID-1 3.5 KMID-2 4 KMIE-1 4	KMIE-2 5 KMIE-3 5.5 KMIE-4 7	KMIC-4 3 KMID-1 3 KMID-2 4 KMIE-1 3.5	KMIE-2 4.5 KMIE-3 5 KMIE-4 6.5	KMIC-4 3 KMID-1 3 KMID-2 3.5 *KMIE-1* **3**	KMIE-2 4 KMIE-3 4 KMIE-4 6		
XVII			KMIC-4 5.5 KMID-1 5.5 KMID-2 7 KMIE-1 6	KMIE-2 8 KMIE-3 8.5 KMIE-4 11.5	KMIC-4 5 KMID-1 4.5 KMID-2 6 KMIE-1 5	KMIE-2 6.5 KMIE-3 7 KMIE-4 9.5	KMIC-4 4 KMID-1 4 KMID-2 5 KMIE-1 4.5	KMIE-2 6 KMIE-3 6 KMIE-4 8	KMIC-4 3.5 KMID-1 3.5 KMID-2 4 KMIE-1 4	KMIE-2 5 KMIE-3 5.5 KMIE-4 7	KMIC-4 3 KMID-1 3 KMID-2 4 KMIE-1 3.5	KMIE-2 4.5 KMIE-3 5 KMIE-4 6.5	KMIC-4 3 KMID-1 3 KMID-2 3.5 KMIE-1 3	KMIE-2 4 KMIE-3 4 KMIE-4 6		
XVIII					KMIC-4 5 KMID-1 4.5 KMID-2 6	KMIE-2 6.5 KMIE-3 7 KMIE-4 9.5	KMIC-4 4 KMID-1 4 KMID-2 5	KMIE-2 6 KMIE-3 6 KMIE-4 8	KMIC-4 3.5 KMID-1 3.5 KMID-2 4	KMIE-2 5 KMIE-3 5.5 KMIE-4 7	KMIC-4 3 KMID-1 3 KMID-2 4	KMIE-2 4.5 KMIE-3 5 KMIE-4 6.5	KMIC-4 3 KMID-1 3 KMID-2 3.5	KMIE-2 4 KMIE-3 4 KMIE-4 6	KMIC-4 2.5 KMID-1 2.5 KMID-2 3	KMIE-2 3.5 KMIE-3 4 KMIE-4 5
XIX							KMIC-4 4 KMID-1 4 KMID-2 5	KMIE-3 6 KMIE-4 8	KMIC-4 3.5 KMID-1 3.5 KMID-2 4	KMIE-3 5.5 KMIE-4 7	KMIC-4 3 KMID-1 3 KMID-2 4	KMIE-3 5 KMIE-4 6.5	KMIC-4 3 KMID-1 3 KMID-2 3.5	KMIE-3 4 KMIE-4 6	KMIC-4 2.5 KMID-1 2.5 KMID-2 3	KMIE-2 3.5 KMIE-3 4 KMIE-4 5
XX							KMID-2 5 KMIE-3 6	KMIE-4 8	KMID-2 4 KMIE-3 5.5	KMIE-4 7	KMID-2 4 KMIE-3 5	KMIE-4 6.5	KMID-2 3.5 KMIE-3 4	KMIE-4 6	KMID-2 3 KMIE-3 4	KMIE-4 5

SHIELD GENERATOR TYPES

Shield Generator Type	Total Mass (mt)	Control Computer Requirement	Shield Efficiency Rating	SS Requirememnt	Availability	Cost (MCr)	Year
KMSA	288	KZPC-1	1	2.4	III/10	9	2221
KMSB	306	KZPC-2	1	2.1	III/9	10	2224
KMSC	328	KPZC-4	1	2.1	III/7	12	2229
KMSD	336	KPZC-5	2	2.9	III/6	18	2232
KMSE	359	KPZC-5	1	2.9	III/6	15	2235
KMSF	426	KPZC-6	1	3.1	III/5	19	2238
KMSG	378	KPZC-6	2	2.7	III/4	17	2243
KMSH	332	KPZC-7	3	2.5	III/3	20	2257
KMSI	240	KPZC-9	4	2.1	III/2	9	2264
KMSJ	312	KPZC-9	4	2.7	III/2	21	2268
KMSK	349	KPZC-9	3	2	III/3	22	2269
KMSL	445	KPZC-9	3	2.8	III/2	50	2270
KMSM	477	KPZC-9	3	3.8	III/1	67	2272
KMSN	521	KPZC-10	3	3.9	III/1	80	2273
KMSO	583	KPZC-11	4	3.5	III/1	66	2278
KMSP	704	KPZC-10	3	4.6	III/1	106	2280
KSMQ	910	KPZC-11	3	4.9	III/1	199	2290
KSMR	1,033	KPZC-11	3	5.3	III/1	283	2296
KSMS	1,055	KPZC-11	4	3.9	III/1	161	2303
KSMT	1,136	KPZC-11	4	4.7	III/1	173	2318
KSMU	1,224	KPZC-11	4	6.3	III/1	184	2333
KSMV	1,303	KPZC-11	4	6.9	III/1	290	2347
KSMW	1,510	KPZC-11	4	7.4	III/1	301	2355
KSMX	1,720	KPZC-11	4	7.9	III/1	318	2361

MAXIMUM SHIELD POWER
Shield Types/Shield Point Ratios

Ship Class	1/1					1/2		1/3								1/4								
	KMSA	KMSB	KMSC	KMSE	KMSF	KMSD	KMSG	KMSH	KMSK	KMSL	KMSM	KMSN	KMSP	KSMQ	KSMR	KMSI	KMSJ	KMSO	KSMS	KSMT	KSMU	KSMV	KSMW	KSMX
I	12 *17*	13 *18.5*	14 *20*	15 *21*	18 *25.5*	14 *10*	16 *11.5*	14 *6.5*	15 *7*	19 *9*	20 *9.5*	22 *10.5*	30 *14*	42 *20*	57 *27*	10 *3.5*	13 *4.5*	25 *9*	34 *12*	45 *16*	48 *17*	56 *20*	60 *21.5*	68 *24*
II	12 *17*	13 *18.5*	14 *20*	15 *21*	18 *25.5*	14 *10*	16 *11.5*	14 *6.5*	15 *7*	19 *9*	20 *9.5*	22 *10.5*	29 *14*	42 *20*	57 *27*	10 *3.5*	13 *4.5*	24 *8.5*	34 *12*	45 *16*	48 *17*	56 *20*	60 *21.5*	68 *24*
III	12 *17*	13 *18.5*	14 *20*	15 *21*	18 *25.5*	14 *10*	16 *11.5*	14 *6.5*	15 *7*	18 *8.5*	19 *9*	21 *10*	29 *14*	41 *19.5*	57 *27*	10 *3.5*	13 *4.5*	24 *8.5*	34 *12*	45 *16*	48 *17*	56 *20*	60 *21.5*	68 *24*
IV	12 *17*	13 *18.5*	14 *20*	15 *21*	18 *25.5*	14 *10*	16 *11.5*	14 *6.5*	15 *7*	18 *8.5*	19 *9*	21 *10*	28 *13*	41 *19.5*	57 *27*	10 *3.5*	13 *4.5*	23 *8*	34 *12*	45 *16*	48 *17*	56 *20*	60 *21.5*	67 *24*
V	12 *17*	13 *18.5*	14 *20*	15 *21*	17 *24*	14 *10*	16 *11.5*	14 *6.5*	15 *7*	17 *8*	18 *8.5*	21 *10*	27 *13*	41 *19.5*	57 *27*	10 *3.5*	13 *4.5*	23 *8*	34 *12*	45 *16*	48 *17*	56 *20*	60 *21.5*	67 *24*
VI	12 *17*	13 *18.5*	14 *20*	14 *20*	17 *24*	14 *10*	15 *10.5*	13 *6*	14 *6.5*	17 *8*	18 *8.5*	20 *9.5*	26 *12.5*	40 *19*	57 *27*	10 *3.5*	13 *4.5*	22 *8*	34 *12*	45 *16*	47 *17*	56 *20*	60 *21.5*	67 *24*
VII	12 *17*	13 *18.5*	14 *20*	14 *20*	17 *24*	14 *10*	15 *10.5*	13 *6*	14 *6.5*	16 *7.5*	17 *8*	20 *9.5*	26 *12.5*	40 *19*	57 *27*	10 *3.5*	12 *4*	21 *7.5*	33 *12*	45 *16*	47 *17*	56 *20*	60 *21.5*	67 *24*
VIII	12 *17*	13 *18.5*	14 *20*	14 *20*	17 *24*	14 *10*	15 *10.5*	13 *6*	14 *6.5*	16 *7.5*	17 *8*	20 *9.5*	25 *12*	40 *19*	57 *27*	10 *3.5*	12 *4*	21 *7.5*	33 *12*	45 *16*	47 *17*	56 *20*	60 *21.5*	67 *24*
IX	12 *17*	13 *18.5*	14 *20*	14 *20*	17 *24*	14 *10*	15 *10.5*	13 *6*	14 *6.5*	15 *7*	16 *7.5*	19 *9*	24 *11.5*	39 *18.5*	56 *26.5*	10 *3.5*	12 *4*	20 *7*	33 *12*	45 *16*	47 *17*	56 *20*	60 *21.5*	67 *24*
X	12 *17*	13 *18.5*	14 *20*	14 *20*	17 *24*	14 *10*	15 *10.5*	13 *6*	14 *6.5*	15 *7*	16 *7.5*	19 *9*	23 *11*	39 *18.5*	56 *26.5*	10 *3.5*	12 *4*	19 *6*	33 *12*	45 *16*	47 *17*	56 *20*	60 *21.5*	66 *23.5*
XI	12 *17*	13 *18.5*	14 *20*	14 *20*	17 *24*	14 *10*	15 *10.5*	13 *6*	14 *6.5*	14 *6.5*	15 *7*	19 *9*	23 *11*	39 *18.5*	56 *26.5*	10 *3.5*	12 *4*	19 *6*	33 *12*	45 *16*	47 *17*	56 *20*	60 *21.5*	66 *23.5*
XII	12 *17*	13 *18.5*	14 *20*	14 *20*	17 *24*	14 *10*	15 *10.5*	13 *6*	14 *6.5*	14 *6.5*	15 *7*	18 *8.5*	22 *10.5*	39 *18.5*	56 *26.5*	10 *3.5*	12 *4*	18 *6.5*	33 *12*	45 *16*	47 *17*	56 *20*	60 *21.5*	66 *23.5*
XIII	12 *17*	13 *18.5*	14 *20*	14 *20*	16 *23*	14 *10*	15 *10.5*	13 *6*	14 *6.5*	13 *6*	14 *6.5*	18 *8.5*	21 *10*	38 *18*	56 *26.5*	10 *3.5*	12 *4*	18 *6.5*	33 *12*	45 *16*	47 *17*	56 *20*	60 *21.5*	66 *23.5*
XIV	12 *17*	13 *18.5*	14 *20*	14 *20*	16 *23*	14 *10*	14 *10*	13 *6*	14 *6.5*	13 *6*	14 *6.5*	18 *8.5*	20 *9.5*	38 *18*	56 *26.5*	10 *3.5*	12 *4*	17 *6*	33 *12*	44 *16*	46 *16.5*	56 *20*	60 *21.5*	66 *23.5*
XV	12 *17*	13 *18.5*	14 *20*	13 *18.5*	16 *23*	14 *10*	14 *10*	13 *6*	13 *6*	12 *5.5*	13 *6*	17 *8*	20 *9.5*	38 *18*	56 *26.5*	10 *3.5*	12 *4*	16 *5.5*	33 *12*	44 *16*	46 *16.5*	56 *20*	60 *21.5*	66 *23.5*
XVI	12 *17*	13 *18.5*	13 *18.5*	13 *18.5*	16 *23*	13 *9*	14 *10*	12 *5.5*	13 *6*	12 *5.5*	13 *6*	17 *8*	19 *9*	37 *17.5*	55 *26*	10 *3.5*	12 *4*	16 *5.5*	33 *12*	44 *16*	46 *16.5*	56 *20*	60 *21.5*	65 *23*
XVII	12 *17*	12 *17*	13 *18.5*	13 *18.5*	16 *23*	13 *9*	14 *10*	12 *5.5*	13 *6*	11 *5*	12 *5.5*	17 *8*	18 *8.5*	37 *17.5*	55 *26*	10 *3.5*	11 *4*	15 *5.5*	33 *12*	44 *16*	46 *16.5*	56 *20*	60 *21.5*	65 *23*
XVIII	11 *15.5*	12 *17*	13 *18.5*	13 *18.5*	16 *23*	13 *9*	14 *10*	12 *5.5*	13 *6*	11 *5*	12 *5.5*	16 *7.5*	17 *8*	37 *17.5*	55 *26*	10 *3.5*	11 *4*	14 *5*	33 *12*	44 *16*	46 *16.5*	56 *20*	60 *21.5*	65 *23*
XIX	11 *15.5*	12 *17*	13 *18.5*	13 *18.5*	16 *23*	13 *9*	14 *10*	12 *5.5*	13 *6*	10 *4.5*	11 *5*	16 *7.5*	17 *8*	36 *17*	55 *26*	10 *3.5*	11 *4*	14 *5*	32 *11.5*	44 *16*	46 *16.5*	54 *19*	59 *21*	65 *23*
XX	11 *15.5*	12 *17*	13 *18.5*	13 *18.5*	15 *21*	13 *9*	14 *10*	12 *5.5*	13 *6*	10 *4.5*	11 *5*	16 *7.5*	16 *7.5*	36 *17*	55 *26*	10 *3.5*	11 *4*	13 *4.5*	32 *11.5*	44 *16*	46 *16.5*	52 *18.5*	58 *21*	65 *23*

LASER BEAM WEAPON TYPES

Phaser Weapon Type	Total Mass (mt)	Maximum Beam Power	Damage Modifiers +3	Damage Modifiers +2	Damage Modifiers +1	Maximum Range (Hex)	Firing Chart	Weapon Damaging Factor	SS Requirements (single / bank)	Availability	Cost (MCr)	Year
KL-1	84	3	(-)	(1-6)	(7-12)	12	I	1.7	0.5 / 1	III/1	58	2235
KL-2	274	5	(-)	(-)	(1-10)	12	L	2.6	1.3 / 2.6	III/1	97	2238
KL-3	368	6	(1-4)	(5-9)	(10-16)	18	P	3.8	1.8 / 3.6	III/1	117	2239
KL-4	466	7	(-)	(-)	(1-12)	16	R	4.6	2.4 / 4.8	III/1	137	2245
KL-5	372	5	(-)	(1-4)	(5-14)	16	S	3.9	2.5 / 5	III/1	98	2250
KL-6	160	5	(-)	(-)	(1-8)	16	S	3.5	1.3 / 2.6	III/1	108	2262
KL-7	353	8	(-)	(1-9)	(10-18)	18	P	5.3	2.1 / 4.2	III/1	156	2263
KL-8	548	9	(1-4)	(5-10)	(11-16)	16	R	6.7	3.4 / 6.8	III/1	176	2264
KL-9	647	10	(-)	(1-6)	(7-14)	16	S	7.2	4.1 / 8.2	III/1	195	2267

DISRUPTOR BEAM WEAPON TYPES

Phaser Weapon Type	Total Mass (mt)	Maximum Beam Power	Damage Modifiers +3	Damage Modifiers +2	Damage Modifiers +1	Maximum Range (Hex)	Firing Chart	Weapon Damaging Factor	SS Requirements (single / bank)	Availability	Cost (MCr)	Year
KB-1	476	4	(-)	(1-8)	(9-10)	10	H	1.9	1 / 1.4	III/1	75	2252
KB-2	572	5	(-)	(1-9)	(10-16)	16	R	3.9	1.4 / 1.8	III/1	98	2253
KB-3	185	3	(1-5)	(6-14)	(15-18)	18	T	3.3	1.2 / 1.7	III/1	59	2255
KB-4	468	6	(-)	(-)	(1-8)	10	H	2.2	2.1 / 2.8	III/1	117	2258
KB-5	674	5	(1-4)	(5-13)	(14-20)	24	Y	5.8	1.8 / 2.5	III/1	98	2259
KB-6	565	7	(-)	(1-12)	(13-16)	16	S	5.6	2.7 / 3.7	III/1	137	2262
KB-7	655	8	(1-6)	(7-12)	(13-18)	18	T	6.6	2.3 / 3.1	III/1	156	2263
KB-8	840	10	(-)	(1-8)	(9-18)	20	U	7.5	2.6 / 3.4	III/1	196	2270
KB-9	935	12	(1-5)	(6-10)	(11-16)	20	U	9.2	3.5 / 4.8	III/1	235	2272
KB-10	1127	14	(1-6)	(7-10)	(11-14)	21	V	10.9	4.3 / 5.8	III/1	274	2281
KB-11	1406	18	(-)	(1-6)	(7-15)	18	T	12.4	5.3 / 7.2	III/1	352	2288
KB-12	746	10	(-)	(1-5)	(6-18)	20	W	8.5	3 / 4.1	III/1	196	2296

PHASER BEAM WEAPON TYPES

Phaser Weapon Type	Total Mass (mt)	Maximum Beam Power	Damage Modifiers +3	Damage Modifiers +2	Damage Modifiers +1	Maximum Range (Hex)	Firing Chart	Weapon Damaging Factor	SS Requirements (single / bank)	Availability	Cost (MCr)	Year
KH-1	290	2	(1-12)	(13-15)	(16-17)	18	T	2.9	0.8 / 1.1	III/1	55	2254
KH-2	384	3	(1-14)	(15-20)	(21-24)	24	Y	4.8	1.1 / 1.5	III/1	83	2259
KH-3	481	4	(1-9)	(10-17)	(18-20)	21	V	4.4	1.9 / 2.6	III/1	110	2260
KH-4	567	6	(-)	(1-10)	(11-18)	20	W	5.7	1.9 / 2.5	III/1	165	2267
KH-5	274	5	(1-5)	(6-8)	(9-18)	21	V	4.6	1.9 / 2.6	III/1	138	2272
KH-6	360	8	(1-12)	(13-14)	(15-16)	16	R	6.5	3 / 4.1	III/1	220	2273
KH-7	956	10	(1-8)	(9-14)	(15-20)	22	X	9.5	3.1 / 4.2	III/1	276	2278
KH-8	747	9	(1-10)	(11-16)	(17-18)	20	W	8.8	2.3 / 3.1	III/1	248	2288
KH-9	668	6	(1-10)	(11-18)	(19-24)	24	Y	7.3	2.2 / 3.3	III/1	166	2294
KH-10	939	12	(-)	(1-10)	(11-20)	20	W	10.4	3.9 / 5.3	III/1	331	2308

PHOTON TORPEDO WEAPON TYPES

Missile Weapon Type	Mass (mt)	Power to Arm	Damage	Range	Firing Chart	WDF	SS	Availability	Cost (MCr)	Year
KT-1	226	2	8	8	F	2.1	0.8	III/01	46	2261
KT-2	347	1	12	10	H	3.9	1.4	III/01	77	2263
KT-3	430	2	15	10	J	5.9	1.6	III/01	92	2274
KT-4	565	3	20	18	P	10.9	2.6	III/01	114	2278
KT-5	851	3	30	16	R	17.8	3.4	III/01	175	2285

PLASMA TORPEDO WEAPON TYPES

Missile Weapon Type	Mass (mt)	Power to Arm	Damage	Range	Firing Chart	WDF	SS	Availability	Cost (MCr)	Year
KPB-1	216	8	18	8	F	4.5	4.1	III/01	110	2221
KPB-2	378	10	20	10	B	3.6	4.9	III/01	127	2227
KPB-3	600	14	28	12	L	12.3	5.6	III/01	169	2230
KPB-4	354	6	16	18	T	10.2	3.3	III/01	93	2235
KPB-5	730	16	32	10	G	8.8	5.9	III/01	209	2238
KPB-6	411	12	25	16	R	14.9	4.8	III/01	148	2243
KPB-7	831	20	40	12	I	14.8	6.4	III/01	230	2249
KPB-8	672	15	38	14	O	19.7	5.9	III/01	216	2256
KPB-9	458	8	30	16	R	17.9	7	III/01	182	2267

Create new starship for your Kinshaya adventures.

This supplement to the Ship Construction Manual contains all the information necessary to construct Kinshayan based starships for your Star Trek Role Playing Games. From cruisers to scouts, this book allow you to design state-of-the-art starships using Kinshaya components. The easy-to-use format combined with the comprehensive data provides both historical and modern equipment and components necessary to build a variety of Kinshaya ships in the FASA Star Trek Universe.

This rulebook includes tables for computers, enginer weapons and shields that are used by the Kinshaya. These charts can help starship engineers create accuarte vessels for both the Star Trek Role Playing Game as well as Star Trek Starship Tactical Combat Simulator.

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