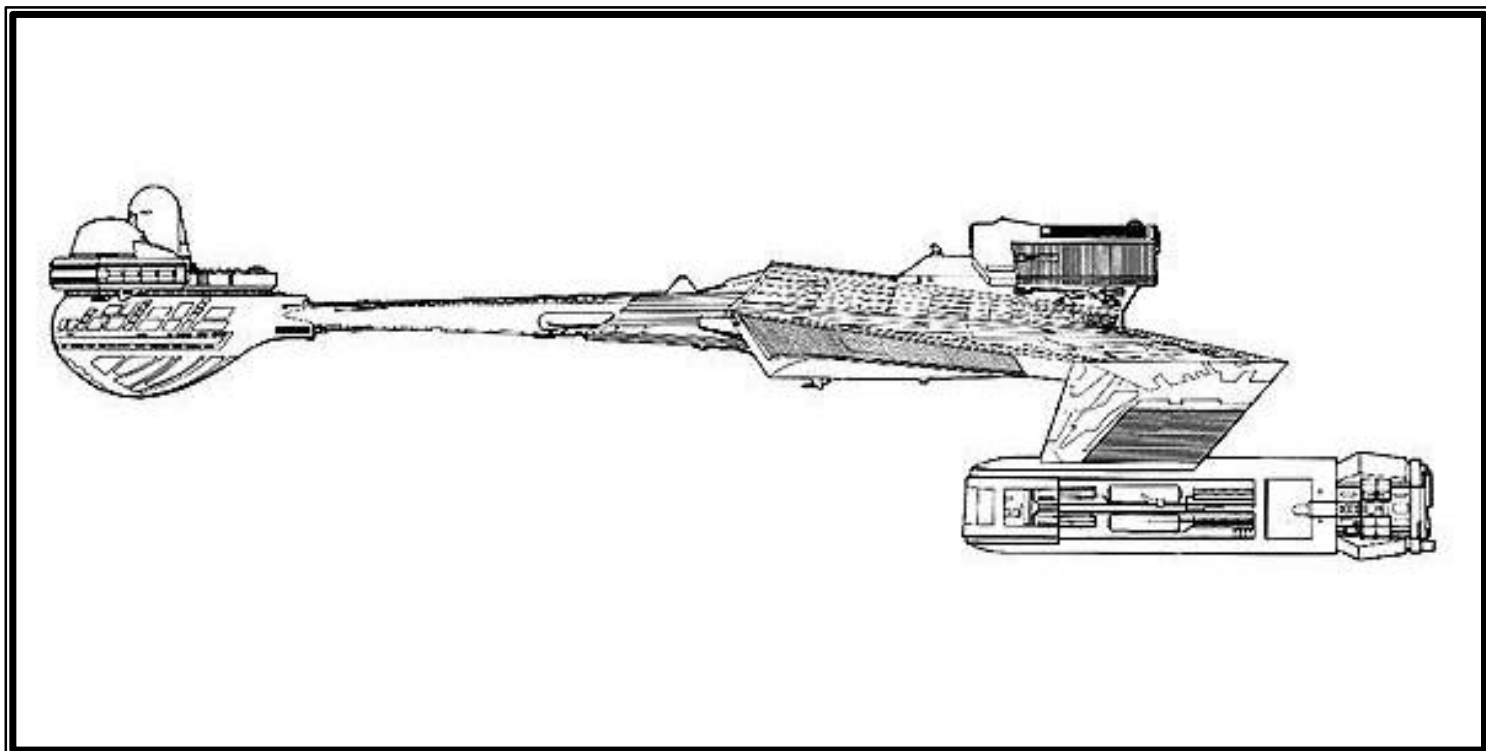

KLINGON STARSHIP CONSTRUCTION MODULE 2230-2330

KLINGON EMPIRE
IMPERIAL KLINGON NAVY COMMAND
VERSION 1.0



Created by: William Colley
Christopher Cornelius
Bryan Jecko
Sidney Maurer

Update/Upgrade: Compilation Material from
William Colley
Christopher Cornelius
Bryan Jecko
Sidney Maurer

Includes material from various official and unofficial Star Trek resources.

CONTENTS

This document is for designing Federation starships for use in the FASA Star Trek Starship Tactical Combat Simulator Game. Presented in this document is the statistics and game data for the warp engines, impulse engines, ship's computer, shields, hull, and the superstructure requirements for the Federation starships of the Star Trek universe. Star Trek is a trademark/copyright of Paramount Pictures Corporation. No infringement intended.

Formula's:

The formula's used to create the Impulse Engine Movement Efficiency Rating (IER), Warp Engine Movement Efficiency Rating (WER), Shield Efficiency Rating (SER), and Weapon Damage Factor (WDF) for this module were created by Sidney Maurer.

Starship Picture Credits:

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TITLE

AUTHOR

Klingon Starship Construction Module 2230 through 2330
William Colley / Christopher Cornelius / Bryan Jecko / Sidney Maurer

Control Computers
Bryan Jecko

Cloaking Devices
Bryan Jecko

Warp Engines
William Colley / Bryan Jecko

Impulse Engines
William Colley / Bryan Jecko

Shield Generators
Bryan Jecko

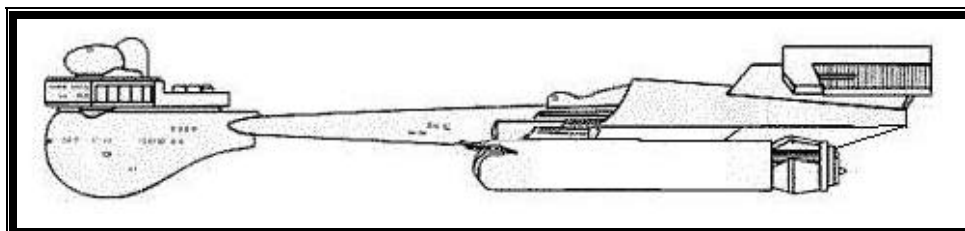
Weapon Systems
William Colley / Christopher Cornelius / Bryan Jecko

KLINGON STARSHIP CONSTRUCTION MODULE 2230 THROUGH 2330

| Control Computer Type | | | | | |
|-----------------------|------------------|--------------------------|----------------|---------------------|----------------------|
| Control Computer Type | System Mass (mt) | Appropriate Ship Classes | SS Requirement | Maximum WDF Allowed | Date Entered Service |
| ZD-9 | 12500 | IX-XX | 3.2 | 120 | 2285 |
| ZD-10 | 17640 | XII-XVII | 3.6 | 165 | 2287 |
| ZD-11 | 19550 | XII-XIX | 4 | 180 | 2298 |
| ZD-12 | 20075 | XIII-XX | 4.8 | 230 | 2314 |
| ZD-13 | 20250 | XIV-XX | 5.2 | 290 | 2329 |

| Cloaking Device Type | | | | | |
|----------------------|--------------------------|-------------------|------------------------------|----------------|----------------------|
| Cloaking Device Type | Appropriate Ship Classes | Power to Energize | Control Computer Requirement | SS Requirement | Date Entered Service |
| KDE | XII-XV | 72 | ZD-8 | None | 2308 |
| KDF | XVI-XVIII | 100 | ZD-9 | None | 2308 |

| WARP ENGINE TYPES | | | | | | |
|-------------------|-----------------|-----------------------|---------------------------|------------------------|----------------|----------------------|
| Single Engine Use | | | | | | |
| Warp Engine Type | Total Mass (mt) | Power Units Available | Control Computer Required | Stress Column (Eng/SS) | SS Requirement | Date Entered Service |
| KWF-2 | 35,000 | 17 | ZD-4 | H/I | 2.8 | 2287 |
| KWG-2 | 65,000 | 30 | ZD-6 | I/M | 4.1 | 2290 |
| KWG-3 | 65,000 | 40 | ZD-7 | J/M | 4.1 | 2328 |
| KWH-1 | 8,000 | 14 | ZD-2 | J/K | 0.8 | 2289 |
| KWH-2 | 8,000 | 18 | ZD-2 | J/K | 0.8 | 2310 |
| Tandem Engine Use | | | | | | |
| Warp Engine Type | Total Mass (mt) | Power Units Available | Control Computer Required | Stress Column (Eng/SS) | SS Requirement | Date Entered Service |
| KWF-2 | 70,000 | 18ea | ZD-4 | H/J | 5.6 | 2287 |
| KWG-2 | 130,000 | 32ea | ZD-8 | I/M | 8.2 | 2290 |
| KWG-3 | 130,000 | 40ea | ZD-9 | I/M | 8.2 | 2328 |
| KWH-1 | 16,000 | 14ea | ZD-4 | K/L | 1.6 | 2289 |
| KWH-2 | 16,000 | 18ea | ZD-4 | K/L | 1.6 | 2310 |



Klingon Deathbird Class Cruiser

**MOVEMENT POINT RATIO TABLE:
SINGLE WARP ENGINES**
Movement Point Ratios

| Ship Class | 1/2 | | 1/1 | | 2/1 | | 3/1 | | 4/1 | 5/1 |
|------------|--|---|--|---|--|--|--|--|--|---------------------|
| II | KWH-1 40 6/8 | KWH-2 51.5 8/9 | KWH-1 20 6/8 | KWH-2 26 8/9 | KWH-1 10 6/7 | KWH-2 13 7/8 | | | | |
| III | | | KWH-1 20 6/8 | KWH-2 26 8/9 | KWH-1 10 6/7 | KWH-2 13 7/8 | KWH-1 7.0 5/6 | KWH-2 9.0 6/7 | | |
| Ship Class | 2/1 | 3/1 | | 4/1 | | 5/1 | | 6/1 | 7/1 | 8/1 |
| IV | KWF-2 12.5 8/9 KWH-1 10 6/7 KWH-2 13 7/8 | KWF-2 8.5 7/9 KWH-1 7.0 5/6 KWH-2 9.0 6/7 | | KWF-2 6.5 7/8 KWH-1 5.0 4/5 KWH-2 6.5 5/6 | | KWF-2 5 6/8 | | | | |
| V | KWF-2 12.5 8/9 KWH-1 10 6/7 KWH-2 13 7/8 | KWF-2 8.5 7/9 KWH-1 7.0 5/6 KWH-2 9.0 6/7 | | KWF-2 6.5 7/8 KWH-1 5.0 4/5 KWH-2 6.5 5/6 | | KWF-2 5 6/8 | | | | |
| VI | KWF-2 12.5 8/9 KWG-2 21.5 8/9 | KWF-2 8.5 7/9 KWG-2 14.5 7/9 KWG-3 19.5 8/9 | KWH-1 7.0 5/6 KWH-2 9.0 6/7 | KWF-2 6.5 7/8 KWG-2 11 7/8 KWG-3 14.5 7/9 | KWH-1 5.0 4/5 KWH-2 6.5 5/6 | KWF-2 5 6/8 KWG-2 9 6/8 KWG-3 11.5 7/8 | KWH-1 4.0 3/4 KWH-2 5.5 4/5 | KWG-2 7.5 6/7 KWG-3 9.5 6/8 | | |
| VII | KWF-2 12.5 8/9 KWG-2 21.5 8/9 | KWF-2 8.5 7/9 KWG-2 14.5 7/9 | KWG-3 19.5 8/9 | KWF-2 6.5 7/8 KWG-2 11 7/8 | KWG-3 14.5 7/9 | KWF-2 5 6/8 KWG-2 9 6/8 | KWG-3 11.5 7/8 | KWG-2 7.5 6/7 KWG-3 9.5 6/8 | | |
| VIII | | KWF-2 8.5 7/9 KWG-2 7/9 14.5 | KWG-3 19.5 8/9 | KWF-2 6.5 7/8 KWG-2 7/8 11 | KWG-3 14.5 7/9 | KWF-2 5 6/8 KWG-2 6/8 9 | KWG-3 11.5 7/8 | KWG-2 6/7 7.5 KWG-3 9.5 6/8 | | |
| IX | | KWG-2 14.5 7/9 KWG-3 19.5 8/9 | | KWF-2 6.5 7/8 KWG-2 11 7/8 | KWG-3 14.5 7/9 | KWF-2 5 6/8 KWG-2 9 6/8 | KWG-3 11.5 7/8 | KWG-2 7.5 6/7 KWG-3 9.5 6/8 | | |
| X | | KWG-3 19.5 8/9 | | KWG-2 11 7/8 KWG-3 14.5 7/9 | | KWG-2 9 6/8 KWG-3 11.5 7/8 | | KWG-2 7.5 6/7 KWG-3 9.5 6/8 | KWG-2 6.5 5/7 KWG-3 8.5 6/7 | |
| XI | | KWG-3 19.5 8/9 | | KWG-2 11 7/8 KWG-3 14.5 7/9 | | KWG-2 9 6/8 KWG-3 11.5 7/8 | | KWG-2 7.5 6/7 KWG-3 9.5 6/8 | KWG-2 6.5 5/7 KWG-3 8.5 6/7 | |
| XII | | | | KWG-2 11 7/8 KWG-3 14.5 7/9 | | KWG-2 9 6/8 KWG-3 11.5 7/8 | | KWG-2 7.5 6/7 KWG-3 9.5 6/8 | KWG-2 6.5 5/7 KWG-3 8.5 6/7 | |
| XIII | | | | | | KWG-2 9 6/8 KWG-3 11.5 7/8 | | KWG-2 7.5 6/7 KWG-3 9.5 6/8 | KWG-2 6.5 5/7 KWG-3 8.5 6/7 | KWG-3 7.5 5/7 |
| XIV | | | | | | | | KWG-2 7.5 6/7 KWG-3 9.5 6/8 | KWG-2 6.5 5/7 KWG-3 8.5 6/7 | KWG-3 7.5 5/7 |

**MOVEMENT POINT RATIO TABLE:
TANDEM WARP ENGINES**

Movement Point Ratios

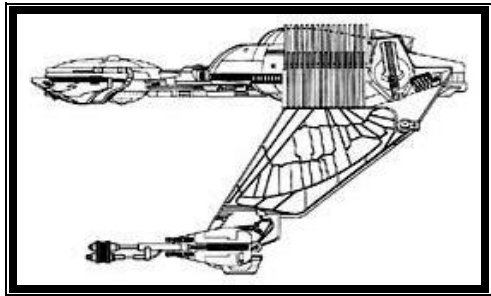
| Ship Class | 1/1 | 2/1 | | 3/1 | | 4/1 | | 5/1 | 6/1 | | 7/1 |
|------------|--|--|--|---|---|---|--|--|--|--|--|
| III | KWH-1 40 8/9 | KWH-1 20 8/9 | KWH-2 26 8/9 | KWH-1 13.5 7/8 | KWH-2 17.5 7/8 | | | | | | |
| IV | | KWH-1 20 8/9 | KWH-2 26 8/9 | KWH-1 13.5 7/8 | KWH-2 17.5 7/8 | KWH-1 10 6/7 | KWH-2 13 6/7 | | | | |
| V | | KWH-1 20 8/9 | KWH-2 26 8/9 | KWH-1 13.5 7/8 | KWH-2 17.5 7/8 | KWH-1 10 6/7 | KWH-2 13 6/7 | | | | |
| Ship Class | 3/1 | 4/1 | 5/1 | | 6/1 | | 7/1 | | 8/1 | 9/1 | 10/1 |
| VI | KWF-2 17.5 8/9 KWH-1 13.5 7/8 KWH-2 17.5 7/8 | KWF-2 13 7/9 KWH-1 10 6/7 KWH-2 13 6/7 | KWF-2 10.5 7/8 KWH-1 8 5/6 | | KWF-2 9 6/8 | | | | | | |
| VII | KWF-2 17.5 8/9 KWH-1 13.5 7/8 KWH-2 17.5 7/8 | KWF-2 13 7/9 KWH-1 10 6/7 KWH-2 13 6/7 | KWF-2 10.5 7/8 KWH-1 8 5/6 KWH-2 10.5 5/6 | | KWF-2 9 6/8 | | | | | | |
| VIII | KWF-2 17.5 8/9 KWH-2 17.5 7/8 | KWF-2 13 7/9 KWH-1 10 6/7 KWH-2 13 6/7 | KWF-2 10.5 7/8 KWH-1 8 5/6 KWH-2 10.5 5/6 | | KWF-2 9 6/8 KWH-1 7.0 4/5 KWH-2 9.0 4/5 | | | | | | |
| IX | KWF-2 17.5 8/9 | KWF-2 13 7/9 KWG-2 23 8/9 KWH-2 13 6/7 | KWF-2 10.5 7/8 KWG-2 18.5 7/9 KWG-3 23 8/9 | KWH-1 8 5/6 KWH-2 10.5 5/6 | KWF-2 9 6/8 KWG-2 15.5 7/8 KWG-3 19.5 7/9 | KWH-1 7.0 4/5 | | | | | |
| X | | KWF-2 13 7/9 KWG-2 23 8/9 | KWF-2 10.5 7/8 KWG-2 18.5 7/9 | KWG-3 23 8/9 | KWF-2 9 6/8 KWG-2 15.5 7/8 | KWG-3 19.5 7/9 KWH-2 9.0 4/5 | KWF-2 7.5 6/7 KWG-2 13.5 6/8 | KWG-3 16.5 7/8 | | | |
| XI | | KWF-2 13 7/9 KWG-2 23 8/9 | KWF-2 10.5 7/8 KWG-2 18.5 7/9 | KWG-3 23 8/9 | KWF-2 9 6/8 KWG-2 15.5 7/8 | KWG-3 19.5 7/9 KWH-2 9.0 4/5 | KWF-2 7.5 6/7 KWG-2 13.5 6/8 | KWG-3 16.5 7/8 | | | |
| XII | | | KWF-2 10.5 7/8 KWG-2 18.5 7/9 | | KWF-2 9 6/8 KWG-2 15.5 7/8 | KWG-3 19.5 7/9 | KWF-2 7.5 6/7 KWG-2 13.5 6/8 | KWG-3 16.5 7/8 | | | |
| XIII | | | KWF-2 10.5 7/8 KWG-2 18.5 7/9 | | KWF-2 9 6/8 KWG-2 15.5 7/8 | KWG-3 19.5 7/9 | KWF-2 7.5 6/7 KWG-2 13.5 6/8 | KWG-3 16.5 7/8 | KWF-2 6.5 5/7 KWG-2 11.5 6/7 | KWG-3 14.5 6/8 | |
| XIV | | | KWG-2 18.5 7/9 | | KWF-2 9 6/8 KWG-2 15.5 7/8 | KWG-3 19.5 7/9 | KWF-2 7.5 6/7 KWG-2 13.5 6/8 | KWG-3 16.5 7/8 | KWF-2 6.5 5/7 KWG-2 11.5 6/7 | KWG-3 14.5 6/8 | KWG-2 10.5 5/7 KWG-3 13 6/7 |
| XV | | | | | KWG-2 15.5 7/8 KWG-3 19.5 7/9 | | KWG-2 13.5 6/8 KWG-3 16.5 7/8 | KWG-2 11.5 6/7 KWG-3 14.5 6/8 | KWG-2 11.5 6/7 KWG-3 14.5 6/8 | KWG-2 10.5 5/7 KWG-3 13 6/7 | KWG-3 11.5 5/7 |
| XVI | | | | | KWG-2 15.5 7/8 | | KWG-2 13.5 6/8 KWG-3 16.5 7/8 | KWG-2 11.5 6/7 KWG-3 14.5 6/8 | KWG-2 11.5 6/7 KWG-3 14.5 6/8 | KWG-2 10.5 5/7 KWG-3 13 6/7 | KWG-3 11.5 5/7 |
| XVII | | | | | KWG-2 15.5 7/8 | | KWG-2 13.5 6/8 KWG-3 16.5 7/8 | KWG-2 11.5 6/7 KWG-3 14.5 6/8 | KWG-2 11.5 6/7 KWG-3 14.5 6/8 | KWG-2 10.5 5/7 KWG-3 13 6/7 | KWG-3 11.5 5/7 |
| XVIII | | | | | | | KWG-2 13.5 6/8 KWG-3 16.5 7/8 | KWG-2 11.5 6/7 KWG-3 14.5 6/8 | KWG-2 11.5 6/7 KWG-3 14.5 6/8 | KWG-2 10.5 5/7 KWG-3 13 6/7 | KWG-3 11.5 5/7 |
| XIX | | | | | | | KWG-3 16.5 7/8 | KWG-2 11.5 6/7 KWG-3 14.5 6/8 | KWG-2 11.5 6/7 KWG-3 14.5 6/8 | KWG-2 10.5 5/7 KWG-3 13 6/7 | KWG-3 11.5 5/7 |
| XX | | | | | | | | KWG-3 14.5 6/8 | KWG-2 11.5 6/7 KWG-3 14.5 6/8 | KWG-2 10.5 5/7 KWG-3 13 6/7 | KWG-3 11.5 5/7 |

| IMPULSE ENGINE TYPES | | | | | | |
|----------------------|-----------------|-----------------------|---------------------------|----------------------|----------------|----------------------|
| Engine Type | Total Mass (mt) | Power Units Available | Control Computer Required | Ship Classes Powered | SS Requirement | Date Entered Service |
| KIG-1 | 1130 | 28 | ZD-5 | XII-XIII | 0.1 | 2290 |
| KIG-2 | 1130 | 34 | ZD-5 | XIII-XVI | 0.1 | 2303 |
| KIH-1 | 1255 | 36 | ZD-6 | XIII-XIV | 0.1 | 2305 |
| KIH-2 | 1255 | 38 | ZD-7 | XIV-XVIII | 0.1 | 2320 |
| KIJ-1 | 1550 | 40 | ZD-8 | XV-XX | 0.1 | 2325 |

| 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 | | |
| XII | KIG-1 10 | KIG-1 8 | | KIG-1 7 | | KIG-1 6 | | | | | | | | |
| XIII | KIG-1 10 | KIG-1 8 | KIH-1 10.5 | KIG-1 7 | KIH-1 8.5 | KIG-1 6 | KIH-1 7.5 | KIG-1 5 | | | | | | |
| XIV | | KIG-1 9 | KIH-1 10.5 | KIG-1 7 | KIH-1 8.5 | KIG-1 6 | KIH-1 7.5 | KIG-2 6.5 | KIG-2 5.5 | | KIH-1 6 | | | |
| XV | | KIG-1 8 | | KIG-1 7 | KIH-1 8.5 | KIG-1 6 | KIH-1 7.5 | KIG-2 6.5 | KIG-2 5.5 | | KIH-1 6 | | KIG-2 5 | |
| XVI | | KIJ-1 11.5 | | KIG-1 7 | KIH-2 9 | KIG-1 6 | KIH-2 8 | KIG-2 6.5 | KIJ-1 7.5 | KIG-2 5.5 | KIH-1 6 | KIG-2 5 | KIH-1 5.5 | |
| XVII | | KIJ-1 11.5 | | KIG-1 7 | KIH-2 9 | KIG-1 6 | KIH-2 8 | KIG-2 6.5 | KIJ-1 7.5 | KIG-2 5.5 | KIJ-1 6.5 | KIG-2 5 | KIH-1 5.5 | KIH-2 5.5 |
| XVIII | | | | KIG-1 7 | KIH-1 8.5 | KIG-1 6 | KIH-2 8 | KIG-2 6.5 | KIJ-1 7.5 | KIG-2 5.5 | KIJ-1 6.5 | KIG-2 5 | KIH-1 5.5 | KIH-2 5.5 |
| XIX | | | | KIG-1 7 | KIH-1 8.5 | KIG-1 6 | KIH-2 8 | KIG-2 6.5 | KIJ-1 7.5 | KIG-2 5.5 | KIJ-1 6.5 | KIG-2 5 | KIH-1 5.5 | KIH-2 5.5 |
| XX | | | | KIG-2 8 | | KIG-2 7 | KIJ-1 8.5 | KIH-1 7 | KIH-2 7 | KIG-2 6 | KIJ-1 6 | KIG-2 5.5 | KIH-1 5.5 | KIH-2 5.5 |

| SHIELD GENERATOR TYPES | | | | | |
|-------------------------------|------------------------|-------------------------------------|---------------------------------|-----------------------|-----------------------------|
| Shield Generator Type | Total Mass (mt) | Control Computer Requirement | Shield Efficiency Rating | SS Requirement | Date Entered Service |
| KSQ | 670 | ZD-8 | 3 | 2.9 | 2285 |
| KSS | 645 | ZD-9 | 3 | 2.3 | 2313 |
| KST | 735 | ZD-7 | 3 | 3.1 | 2327 |

| MAXIMUM SHIELD POWER | | | |
|---|------------|------------|------------|
| Shield Types/Shield Point Ratios | | | |
| 1/3 | | | |
| Ship Class | KSQ | KSS | KST |
| I | - | - | - |
| II | - | - | - |
| III | - | - | - |
| IV | - | - | - |
| V | - | - | - |
| VI | - | - | - |
| VII | - | - | - |
| VIII | - | - | - |
| IX | 20 9.5 | 26 12.5 | - |
| X | 20 9.5 | 26 12.5 | 32 15.5 |
| XI | 20 9.5 | 26 12.5 | 32 15.5 |
| XII | 20 9.5 | 26 12.5 | 32 15.5 |
| XIII | 20 9.5 | 26 12.5 | 32 15.5 |
| XIV | 20 9.5 | 26 12.5 | 32 15.5 |
| XV | 20 9.5 | 22 10.5 | 32 15.5 |
| XVI | 20 9.5 | 22 10.5 | 32 15.5 |
| XVII | 20 9.5 | 22 10.5 | 32 15.5 |
| XVIII | 20 9.5 | 22 10.5 | 32 15.5 |
| XIX | 20 9.5 | 18 8.5 | 32 15.5 |
| XX | 20 9.5 | 18 8.5 | 32 15.5 |



Klingon K'Vort Class Cruiser

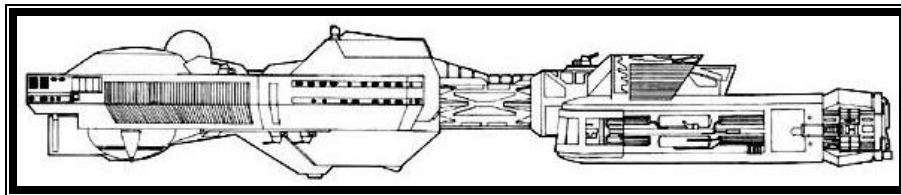
| BEAM WEAPON TYPES | | | | | | | | | | |
|--------------------------|-----------------|--------------------|------------------|---------|---------|---------------------|--------------|----------------------|------------------------------|----------------------|
| Beam Weapon Type | Total Mass (mt) | Maximum Beam Power | Damage Modifiers | | | Maximum Range (hex) | Firing Chart | Weapon Damage Factor | SS Requirement (single/bank) | Date Entered Service |
| | | | +3 | +2 | +1 | | | | | |
| KD-15 | 960 | 10 | - | (1-18) | - | 18 | T | 7.7 | 2.2/4.4 | 2279 |
| KD-16 | 380 | 6 | (1-9) | (10-17) | (18-22) | 24 | Y | 7.1 | 1.2/2.4 | 2284 |
| KD-17 | 420 | 9 | (1-12) | (13-17) | (18-22) | 22 | X | 9.1 | .9/1.8 | 2285 |
| KD-18 | 700 | 11 | (1-7) | (8-15) | (16-20) | 20 | U | 8.9 | 1.6/3.2 | 2293 |
| KD-19 | 850 | 12 | (1-14) | (15-18) | (19-22) | 22 | X | 11.5 | 2.3/4.6 | 2303 |
| KD-20 | 1700 | 15 | (1-7) | (8-15) | (16-22) | 22 | X | 13.6 | 4.8/9.6 | 2320 |

| PULSE DISRUPTOR WEAPON TYPES | | | | | | | | | | |
|-------------------------------------|-----------------|--------------------|------------------|--------|---------|---------------------|--------------|----------------------|------------------------------|----------------------|
| Beam Weapon Type | Total Mass (mt) | Maximum Beam Power | Damage Modifiers | | | Maximum Range (hex) | Firing Chart | Weapon Damage Factor | SS Requirement (single/bank) | Date Entered Service |
| | | | +3 | +2 | +1 | | | | | |
| KPD-1 | 300 | 2 | - | (1-6) | (7-13) | 13 | N | 1.8 | 1.5/2.9 | 2276 |
| KPD-2 | 305 | 3 | (1-4) | (5-8) | (9-12) | 12 | L | 2.3 | 1.8/3.5 | 2277 |
| KPD-3 | 298 | 4 | (1-3) | (4-7) | (8-10) | 10 | J | 2.5 | 2.1/4.1 | 2279 |
| KPD-4 | 290 | 2 | (1-5) | (6-10) | (11-14) | 14 | M | 2.0 | 1.6/3.0 | 2284 |
| KPD-5 | 310 | 7 | - | (1-7) | (8-14) | 14 | O | 4.6 | 2.0/4.0 | 2289 |
| KPD-6 | 315 | 5 | (1-5) | (6-10) | (11-14) | 14 | Q | 4.0 | 2.2/4.2 | 2294 |
| KPD-7 | 295 | 9 | - | (1-10) | (11-18) | 18 | T | 7.0 | 2.5/4.2 | 2314 |
| KPD-8 | 317 | 10 | (1-3) | (4-9) | (10-14) | 14 | Q | 6.8 | 3.2/4.6 | 2324 |

PULSE DISRUPTOR INFORMATION:

Pulse Disruptor are unique beam weapons used by the Klingons. They are installed on a wide variety of warship designs used across the empire. Rules for use:

1. This weapon can be fired in pulse or single fire mode. If you want use this weapon in single fire mode, it must be declared prior to the first firing phase of the turn, otherwise the weapon is always in pulse mode. The weapon must remain in single fire mode until next turn.
2. When fired pulse mode, the weapon will fire during each of the three firing phases at the same target. If the target is destroyed prior to the other pulses being fired, the remaining pulses must be fired at the last location of the target and will be declared as a miss.
3. When charging the weapon in pulse mode, all three pulses must be charged equally. Each pulse may be charged to the maximum beam power allowed for that weapon.



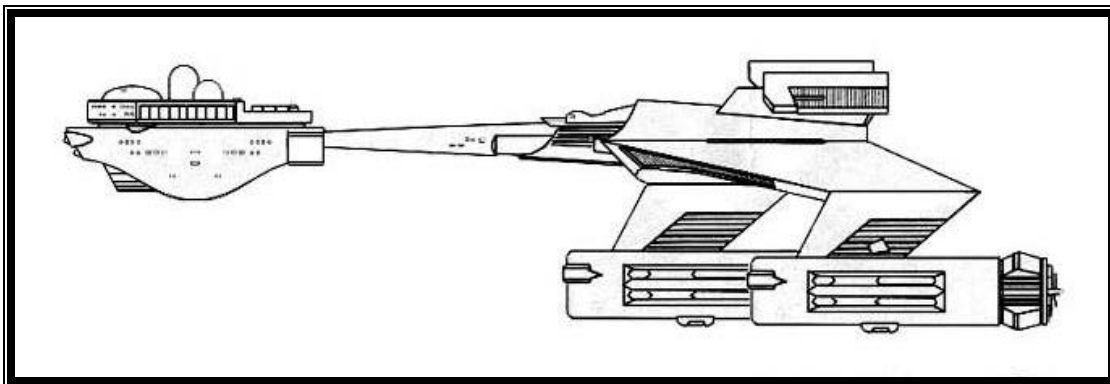
Klingon K'T'Orr Class Destroyer

| DISRUPTOR CANNON WEAPON TYPES | | | | | | | | | | |
|-------------------------------|-----------------------|--------------------------|---------------------|--------|---------|---------------------------|-----------------|----------------------------|-------------------|----------------------------|
| Beam Weapon Type | Total Mass (mt) | Maximum Beam Power | Damage Modifiers | | | Maximum Range (hex) | Firing Chart | Weapon Damage Factor | SS Requirement | Date Entered Service |
| | | | +6 | +4 | +2 | | | | | |
| KDC-1 | 1845 | 15 | (1-4) | (5-8) | (9-12) | 12 | I | 7.6 | 5.5 | 2290 |
| KDC-2 | 1950 | 18 | (1-4) | (5-7) | (8-10) | 10 | H | 7.8 | 5.8 | 2296 |
| KDC-3 | 2150 | 12 | (1-5) | (6-10) | (11-14) | 14 | Q | 9.5 | 6.0 | 2305 |
| KDC-4 | 2560 | 20 | (1-6) | (7-11) | (12-16) | 16 | S | 16.2 | 6.2 | 2311 |
| KDC-5 | 2300 | 18 | (1-5) | (6-10) | (11-14) | 14 | Q | 13.0 | 6.1 | 2323 |

DISRUPTOR CANNON INFORMATION:

Disruptor Cannons are medium to heavy beam weapons used by the Klingons to provide high-powered beam support. They are installed on many warship designs to fulfill many roles, especially heavy combat roles. This weapon system was designed specifically for this role in mind. There is one limitation for use on this weapon, it can only fire in one given firing arc. In other words, it can not cover two arcs at the same time. An example of this would be it could be installed in the forward, aft, port, or starboard firing arcs, but can not cover forward/port, forward/starboard, etc...

| MISSILE WEAPON TYPES | | | | | | | | |
|---------------------------|-----------------------|--------------------|--------|---------------------------|-----------------|----------------------------|-------------------|----------------------------|
| Missile Weapon Type | Total Mass (mt) | Power To Arm | Damage | Maximum Range (hex) | Firing Chart | Weapon Damage Factor | SS Requirement | Date Entered Service |
| KP-7 | 350 | 1 | 6 | 10 | H | 2.0 | 1.7 | 2285 |
| KP-8 | 770 | 2 | 24 | 16 | S | 15.0 | 2.1 | 2288 |
| KP-9 | 390 | 1 | 8 | 12 | L | 3.5 | 1.9 | 2290 |
| KP-10 | 400 | 1 | 22 | 14 | Q | 13.8 | 1.2 | 2302 |
| KP-11 | 650 | 1 | 26 | 16 | R | 15.5 | 1.9 | 2314 |



Klingon B-1 Class Battleship