

**STAR FLEET REFERENCE: U.S.S. BISMARCK**

(Adaptations for FASA's Star Trek Starship Combat Simulator Game.)  
by Don W. Shanks

**SHIP MODEL DATA:**

Government: United Federation of Planets

Class Name: U.S.S. BISMARCK

Ship Class (size): IX

Hull Number Series: NCC-300

Ship Max Tonnage Range: 118,000 mt

Number Constructed: 18

Ship's Mission: Cruiser

Cost (MCr): 351.6

**HULL DATA:**

Superstructure Points..... 31

Damage Chart..... C

Size:

Length..... 204.2 meters

Width..... 92.0 meters

Height..... 79.0 meters

Mass Displacement..... 75,924.5 mt

Cargo:

Cargo Units..... 200 SCU

Cargo Capacity..... 10,000 mt

Landing Capability..... None

**EQUIPMENT DATA:**

Control Computer Type..... M-1

Transporters:

Standard 6-person..... 2

Combat 20-person..... 1

Emergency 22-person..... 2

Cargo, Small..... 2

Cargo, Large..... 1

**OTHER DATA:**

Crew..... 203

Troops..... 10

Passengers..... 10

Shuttlecraft..... 2

**ENGINES & POWER DATA:**

Total Power Units Available..... 20

Movement Point Ratio..... 4 / 1

Warp Engine Type..... FWA - 2

Number..... 2

Power Units Available..... 8 each

Stress Chart..... J / M

Maximum Safe Cruising Speed..... Warp 6

Emergency Speed..... Warp 8

Impulse Engine Type..... FID - 2

Power Units Available..... 4

Movement Point Ratio..... 3 / 1

**WEAPONS & FIRING DATA:**

|                          |                                                     |
|--------------------------|-----------------------------------------------------|
| Beam Weapon Type.....    | FL - 5                                              |
| Number.....              | 12 (12 banks of 1 each)                             |
| Firing Arcs.....         | [ 2 F, 2 F/P, 2 F/S, 2 P, 2 S, 0 A/P, 0 A/S, 2 A. ] |
| Firing Chart.....        | H                                                   |
| Maximum Power.....       | 2                                                   |
| Range (Hexes).....       | 10                                                  |
| Damage Modifiers.....    | [ +2 (1-4), +1 (5-7)]                               |
| Missile Weapon Type..... | FAC - 1                                             |
| Number.....              | 2                                                   |
| Firing Arcs.....         | [ 0 F, 1 F/P, 1 F/S, 0 P, 0 S, 0 A/P, 0 A/S, 0 A. ] |
| Firing Chart.....        | F                                                   |
| Power to Arm.....        | 3                                                   |
| Damage.....              | 8                                                   |
| Range (Hexes).....       | 8                                                   |

**SHIELD DATA:**

|                            |       |
|----------------------------|-------|
| Deflector Shield Type..... | FSF   |
| Shield Point Ratio.....    | 1 / 2 |
| Maximum Shield Power.....  | 8     |

**COMBAT EFFICIENCY:**

|          |       |
|----------|-------|
| WDF..... | 14.4  |
| D.....   | 82.33 |
| CE.....  | 11.86 |

**OTHER NOTES:**

The *U.S.S. Bismarck* was to have been a destroyer design in the beginning. But with the on going tensions with the Klingon Empire, Star Fleet decided to upgrade the class to a light cruiser design. The *Bismarck* was designed from the start to use many of the same hull fittings as the *Daedalus* / *Ark Royal* designs in current inventory. The overall hull was thus smaller in size and volume than the other vessels which also necessitated the use of less powerful weapons.

Fifty hulls of this class was envisioned, and only eighteen were actually built. The ships served mainly as convoy flagships in their time of service. Fourteen ships were lost in the line of duty and the rest were sold off for scrap.

**Ship Names & NCC Numbers**

ALL NAMES PROCEEDED WITH THE PREFIX U.S.S.

**For: Bismarck class.**

|                |           |      |           |           |           |
|----------------|-----------|------|-----------|-----------|-----------|
| Bismarck       | NCC - 300 | Lost | San Diego | NCC - 311 | Lost      |
| Havana         | NCC - 301 |      | Concord   | NCC - 312 | Lost      |
| New Paris      | NCC - 302 |      | Cheyenne  | NCC - 313 | Lost      |
| New Jersey     | NCC - 303 | Lost | Andor     | NCC - 314 | Lost      |
| New York       | NCC - 304 | Lost | Sukhoi    | NCC - 315 | Lost      |
| Phobos         | NCC - 305 | Lost | Mirabel   | NCC - 316 |           |
| Demos          | NCC - 306 | Lost | Dassault  | NCC - 317 | Lost      |
| Titan          | NCC - 307 |      | Colorado  | NCC - 318 |           |
| London         | NCC - 308 | Lost | Poxia     | NCC - 319 | Cancelled |
| St. Petersburg | NCC - 309 | Lost | Atlanta   | NCC - 320 | Cancelled |
| Phoenix        | NCC - 310 | Lost |           |           |           |

Cancelled means hull was never built. Name and number reassigned.  
All others scrapped.

## Ship Statistics

Time Period: 4 Years War

**Classification:** Light

**Category:** Cruiser

**Class:** Bismarck

**Type:** Class 1

**Model:** Mk-I

**Naval Construction Contract:**

300-350

**Number Proposed:** 50

**Number Constructed:** 18

**Number In Service:** 0

**Number Lost:** 14

**Cost (MCr.):** 351.6

**Dimensions (Meters):**

Overall Dimensions:

Length: 204.2 m

Width: 92.0 m

Height: 79.0 m

Displacement (Metric Tons):

Standard: 75,924.5

Full Load: 118,000

**Performance:**

**Impulse Units:** (2) SN Unified Energy Field Units

**Impulse Engine Output:**

$4.7 \times 10^{11} \text{ w}$

**Impulse Power Index:** 1.46

**Max Cruise:** Speed of Light

**Acceleration Rate:**

0.00-0.25 Impulse: 0.147 sec.

0.25-0.50 Impulse: 0.229 sec.

0.50-0.75 Impulse: 0.292 sec.

0.75- Full Impulse: 0.354 sec.

**Warp Units:** (2) PB-18

Circumferential Warp

Drive Nacelle Units

**Warp Engine Output:**

$.9 \times 10^9 \text{ w}$

**[Old Speed Standard**

**Numerology]**

**Optimum Speed:** Warp 4

**Max. Safe Cruise:** Warp 5

**Emergency Speed:** Warp 7

**Max. Speed:** Warp 7.6

**Destructive Speed:** Warp 8

**Acceleration Times:**

Onset - Warp 1: 1.353 sec.

Warp 1 - Warp 2: 0.121 sec.

Warp 2 - Warp 3: 0.207 sec.

Warp 3 - Warp 4: 0.283 sec.

Warp 4 - Warp 5: 0.429 sec.

Warp 5 - Warp 6: 0.473 sec.

Warp 6 - Warp 7: 0.617 sec.

Warp 7 - Warp 8: 0.723 sec.

Warp 8 - Warp 9: 0.000 sec.

Warp 9 - Warp 10: 0.000

**Duration (Years):**

Standard: 2 Years

Maximum: 4 Years

**Std. Ships Complement:**

203

Officers: 33

Crew: 170

Troops: 10

Passengers: 10

**Emergency Condition:**

+223

**Medical Facilities:**

Doctors: 2

Nurses: 6

Operating Rooms: 2

Beds: 10

**Laboratories:** 4

**Transporters Total:** 6

6 Person: 2

12 Person: 1

22 Person: 1

Sm. Cargo: 1

Med. Cargo: 0

Large Cargo: 1

**Brigs:** 4

**Tractor Beams:** 1

**Cargo Specification:**

Std. Cargo Units: 200

Cargo Capacity: 10,000 mt

**Shuttlecraft Specifications:**

**Docking Ports:** 2

**Shuttlecraft Bays Total:** 1

Sm. Bay: 0

Med. Bay: 1

Lg Bay: 0

Super Bay: 0

**Shuttlecraft Standard:** 2

Work Pods: 0

Travel Pods: 0

Aquatic Shuttle: 0

Light Shuttle: 0

Std. Shuttle: 2

Hvy. Shuttle: 0

Cargo Shuttle: 0

Assault Shuttle: 0

Fighter: 0

Hvy. Fighter: 0

**Lifeboats:** 10

**Cloaking Devices:** 0

**Sensor Index Values:**

Planetary Survey: 0.860

Stellar Survey: 1.17

Short Range: 1.23

Long Range: 1.19

Navigation: 1.2

Special: 1.03

**Computers:** 1

Type: M-1

**ECM Index:** 1.09

**Shield Rating:**

Shield Index: 0.980

Holdoff Power:  $3.56 \times 10^9 \text{ w}$

Refresh Rate:  $0.26 \times 10^9 \text{ w}$

Breakdown Rate:

$0.86 \times 10^9 \text{ w}$

**Shield Dimensions:**

Length: 408.4m

Width: 184m

Height: 158 m

**Weapons:**

Energy Beam Wpn Index: 2.1

Missile Wpn Index: 1.75

Weapon Placement:

Total Beam Wpn: 12 banks of 1 each.

Output:  $2.7 \times 10^{10} \text{ w}$

Range:  $6.0 \times 10^6 \text{ km}$

Rate of Fire: 10 ppm/ Cont.

Fwd Banks: 2

Aft Banks: 2

Port Banks: 4

Stbr. Banks: 4

Dorsal Banks: 0

Ventral Banks: 0

Total Missile Wpn: 2 banks of 2 each.

Stock: 25

Range:  $5.1 \times 10^6 \text{ km}$

Output: 3 to 24 Megatons

Rate of Fire: 6 per minute

Fwd Banks: 0

Aft Banks: 0

Port Banks: 1

Stbr. Banks: 1

Dorsal Banks: 0

Ventral Banks: 0

# U.S.S. BISMARCK

Class: Cruiser

Meters

0

50

100

Docking Port

Laser Cannons (P/S)

Navigation Deflector

NCC-300

Lifeboat Hatches

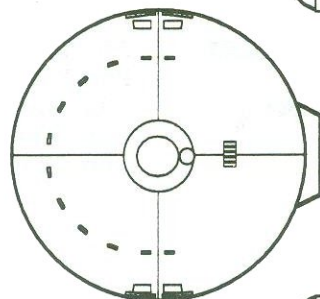
Missile Launchers (P/S)

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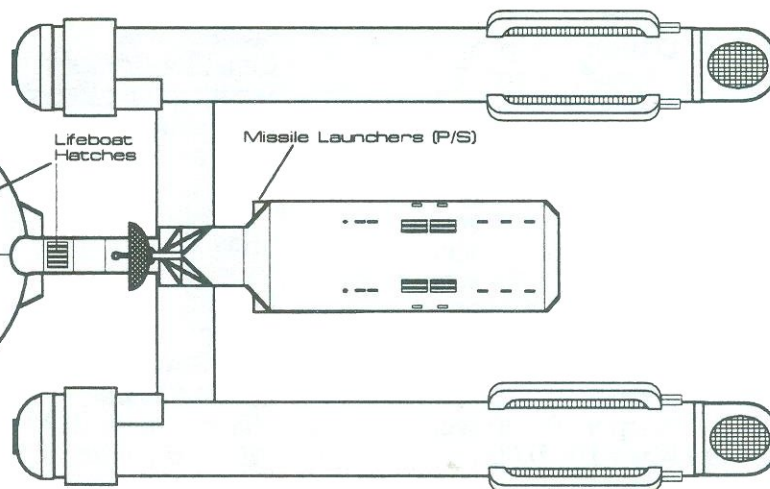
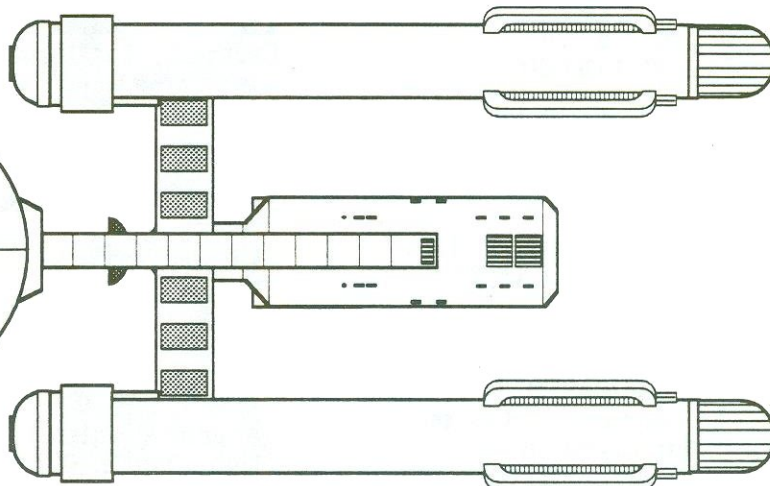
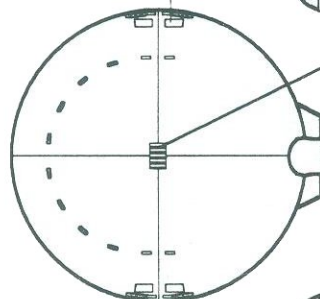
Side Profile

Top Profile

Length: 204.2 m  
Width: 92.0 m  
Height: 79.0 m



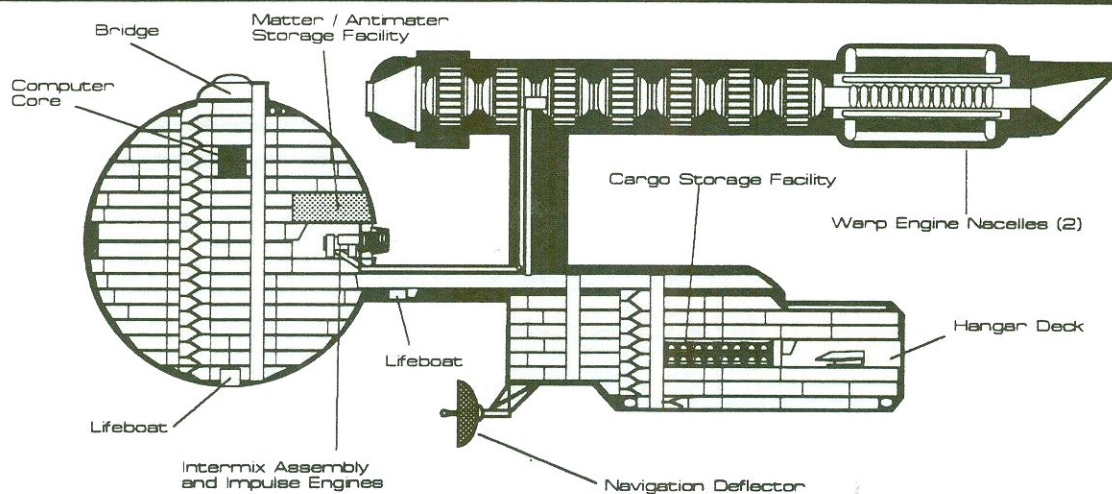
Laser Cannons (P/S)



Lifeboat Hatches

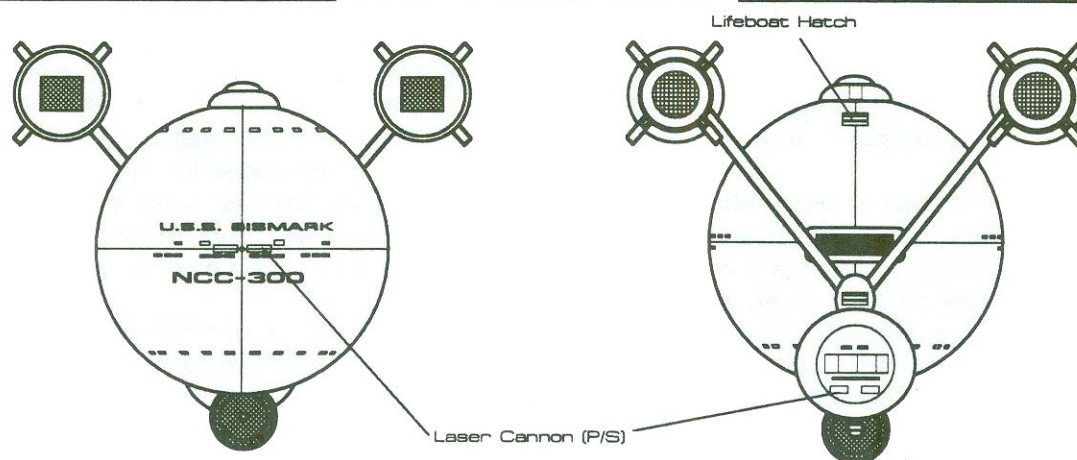
Missile Launchers (P/S)

Bottom Profile



**Cut--Away View**

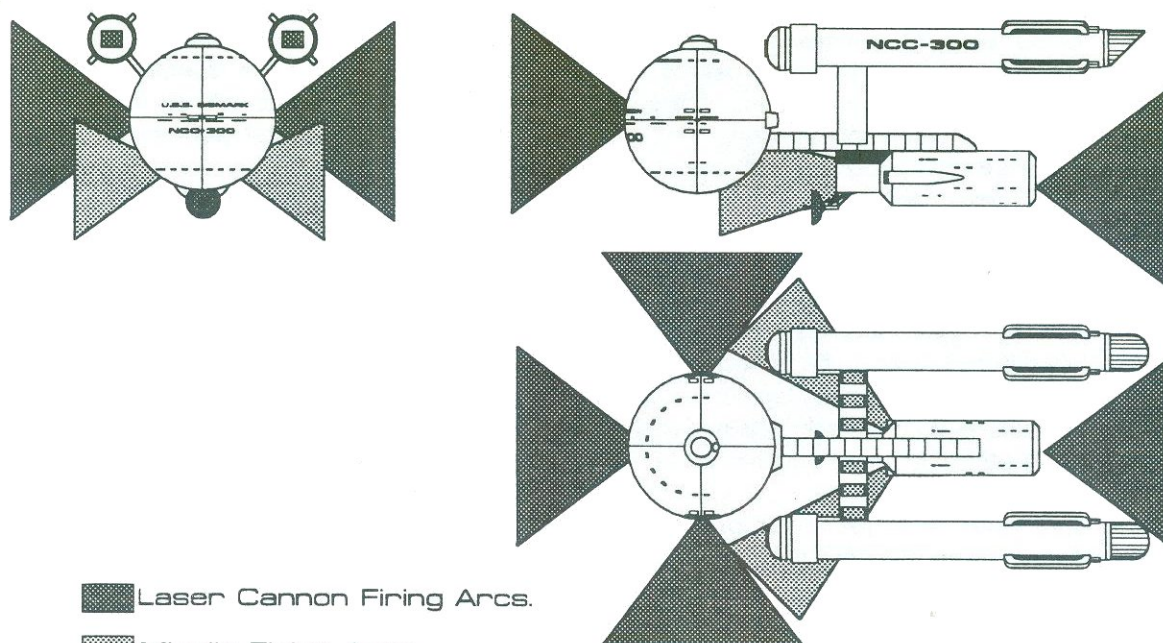
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**Bow Profile**

**Stern Profile**

**DISPLAY: Firing Arcs**



■ Laser Cannon Firing Arcs.

▨ Missile Firing Arcs