

STARSHIP DATABASE :

Data Update :

06

STAR FLEET REFERENCE: U.S.S. DAEDALUS

(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. DAEDALUS

Hull Number Series: NCC-170

Number Constructed: 25

Cost (Mcr): 357.60

Ship Class (size): IX

Ship Max Tonnage Range: 118,000 mt

Ship's Mission: Cruiser

HULL DATA:

Superstructure Points..... 32

Damage Chart..... C

Size:

Length..... 192.04 meters

Width..... 86.88 meters

Height..... 62.5 meters

Mass Displacement..... 77,640 mt

Cargo:

Cargo Units..... 200 SCU

Cargo Capacity..... 10,000 mt

Landing Capability..... None

EQUIPMENT DATA:

Control Computer Type..... M-1

Transporters (Installed after 2nd Refit of class):

Standard 6-person..... 2

Combat 20-person..... 0

Emergency 22-person..... 2

Cargo, Small..... 2

Cargo, Large..... 0

OTHER DATA:

Crew..... 200

Troops..... 10

Passengers..... 10

Shuttlecraft..... 4

ENGINES & POWER DATA:

Total Power Units Available..... 40

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..... FIC - 3

Power Units Available..... 6

Movement Point Ratio..... 2 / 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 - 2
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.....	G
Power to Arm.....	4
Damage.....	10
Range (Hexes).....	10

SHIELD DATA:

Deflector Shield Type.....	FSD
Shield Point Ratio.....	1 / 2
Maximum Shield Power.....	6

COMBAT EFFICIENCY:

WDF.....	16.0
D.....	85.76
CE.....	13.72

OTHER NOTES:

The *U.S.S. Daedalus* class set a standard within the Star Fleet Design Bureau for all follow on projects. With the Earth / Romulan War still in progress, a new heavy cruiser design was needed. One that could both function as a regular warship, but also be equipped with science laboratories. Project: Event Horizon was approved and eventually nearly twenty-five of thirty planned ships would be built.

One of the new features of this class was that it employed the new metal/ceramic hull alloys that provided greater strength for less weight. It was of a standardized design so that other, non--Terran shipyards of the early United Federation of Planets, could build their own examples. An improved Impulse Drive system. Controversy would later arise when the names for the ships were released and there wasn't a single non-Terran name included. That problem was corrected with the *Ark Royal* frigate program.

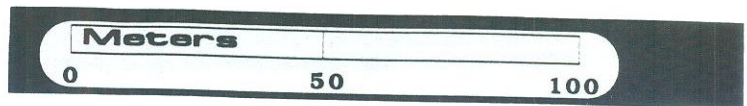
The *Horizon* (NCC-190) became the Federation's first Flagship of the Fleet when it came back from exploring the edge of the galaxy, discovering many new worlds.

The last operational patrol of this class was conducted by the *U.S.S. Forrestal* (NCC - 195) and the *U.S.S. Fearless* (NCC - 192). They operated from Starbase 12 on the Federation / Romulan Neutral Zone, and their final mission was uneventful.

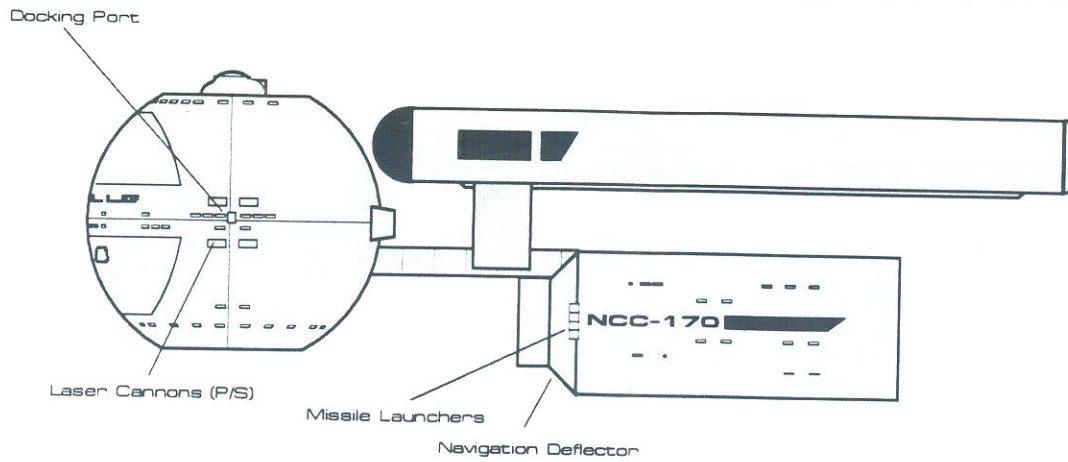
One example was saved from being scrapped. The *U.S.S. Ticonderoga* (NCC-187) floats in orbit about Luna in the Fleet Museum there. All other examples of this class were either lost in action or scrapped.

U.S.S. DAEDALUS

Class: Cruiser



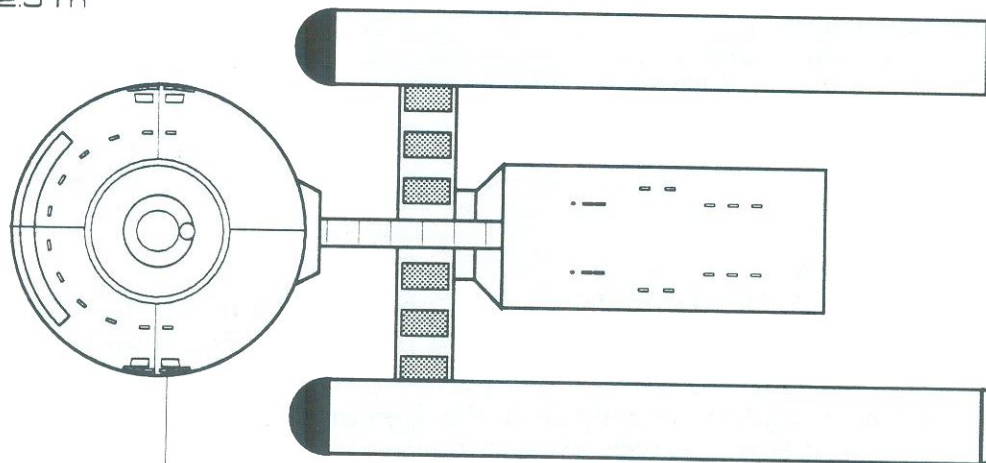
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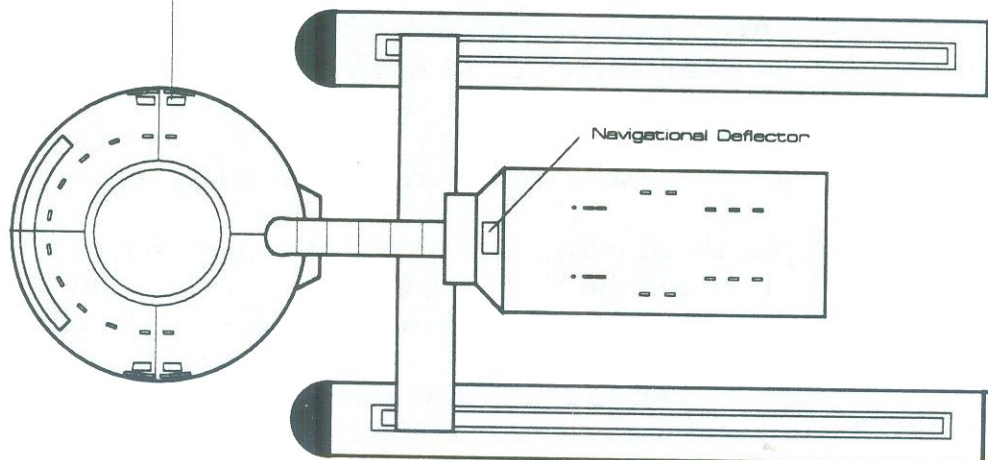
Side Profile

Top Profile

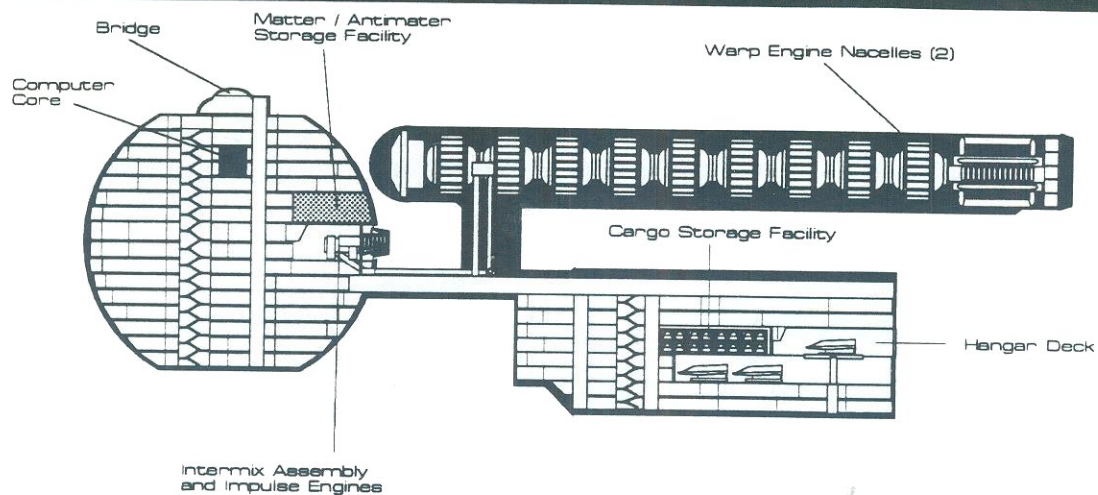
Length: 192.04 m
Width: 86.88 m
Height: 62.5 m



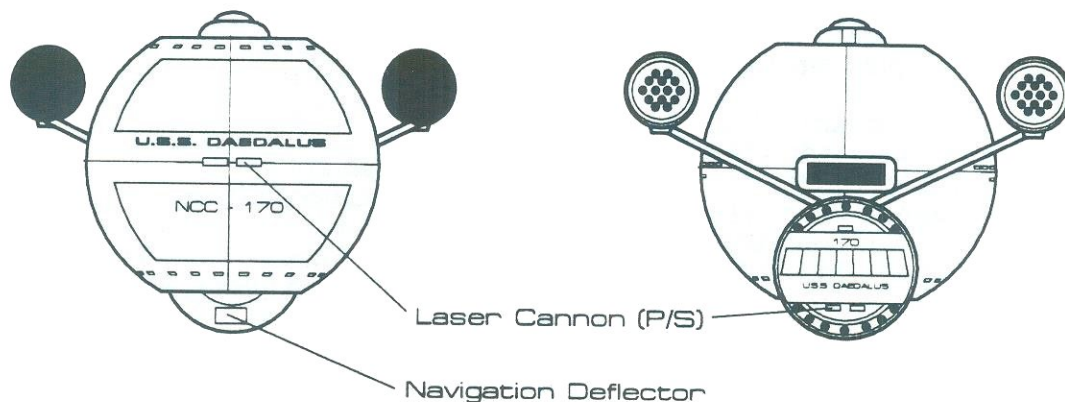
Laser Cannons (P/S)



Bottom Profile



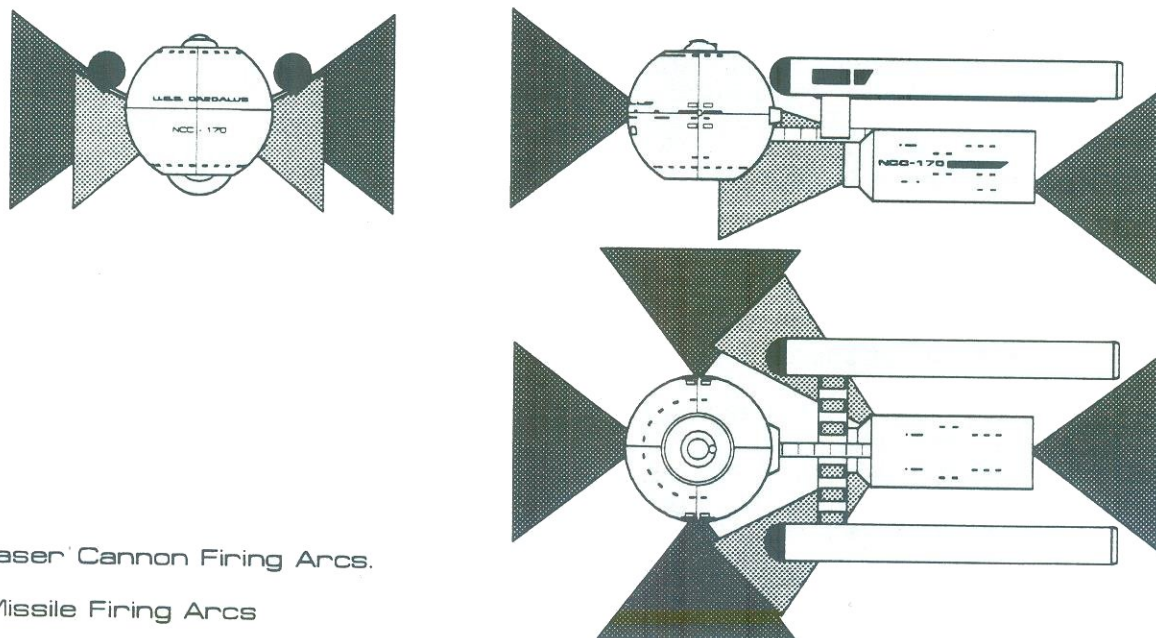
Cut--Away View



Bow Profile

Stern Profile

DISPLAY: Firing Arcs



Ship Statistics

Time Period: Earth/Rom.
War to 4 Years War.

Classification: Exploration

Catagory: Cruiser

Class: Daedalus

Type: Class 1

Model: Mk-I

Naval Construction

Contract: 170 -- 200

Number Proposed: 30

Number Constructed: 25

Number In Service: 00

Number Lost: 3

Cost (MCr.): 357.6

Dimensions (Meters):

Overall Dimensions:

Length: 192.04 m

Width: 86.88 m

Height: 62.5 m

Displacement (Metric Tons):

Standard: 77,634.5

Full Load: 118,000

Performance:

Impulse Units: (2) SN Unified
Energy Field Units

Impulse Engine Output: 3.0
 $\times 10^7$ w

Impulse Power Index: 1.27

Max Cruise: Speed of Light

Acceleration Rate:

0.00-0.25 Impulse: 0.170 sec.

0.25-0.50 Impulse: 0.285 sec.

0.50-0.75 Impulse: 0.328 sec.

0.75- Full Impulse: 0.453 sec.

Warp Units: (2) PB-15A

Circumferential Warp

Drive Nacelle Units

Warp Engine Output:

.8 $\times 10^9$ w

[Old Speed Standard

Numerology]

Optimum Speed: Warp 5

Max. Safe Cruise: Warp 6

Emergency Speed: Warp 7

Max. Speed: Warp 7.3

Destructive Speed: Warp 8

Acceleration Times:

Onset - Warp 1: 1.383 sec.

Warp 1 - Warp 2: 0.151 sec.

Warp 2 - Warp 3: 0.237 sec.

Warp 3 - Warp 4: 0.313 sec.

Warp 4 - Warp 5: 0.459 sec.

Warp 5 - Warp 6: 0.493 sec.

Warp 6 - Warp 7: 0.547 sec.

Warp 7 - Warp 8: 0.683 sec.

Warp 8 - Warp 9: 0.000 sec.

Warp 9 - Warp 10: 0.000 sec.

Warp 10 - Warp 11: 0.000 sec.

Warp 12 - Warp 14: 0.000 sec.

Warp 14 - Warp 15: 0.000 sec.

Duration (Years):

Standard: 3 Years

Maximum: 5 Years

Std. Ships Complement: 200

Officers: 30

Crew: 170

Troops: 10

Passengers: 10

Emergency Condition:
+210

Medical Facilities:

Doctors: 2

Nurses: 6

Operating Rooms: 2

Beds: 10

Laboratories: 4

Transporters Total: 6

6 Person: 2

12 Person: 0

22 Person: 2

Sm. Cargo: 2

Med. Cargo: 0

Large Cargo: 0

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: 4

Work Pods: 0

Travel Pods: 0

Aquatic Shuttle: 0

Light Shuttle: 0

Std. Shuttle: 4

Hvy. Shuttle: 0

Cargo Shuttle: 0

Assault Shuttle: 0

Fighter: 0

Hvy. Fighter: 0

Lifeboats: 10

Cloaking Devices: 0

Sensor Index Values:

Planetary Survey: 0.90

Stellar Survey: 1.20

Short Range: 1.5

Long Range: 1.43

Navigation: 0.89

Special: 0.86

Computers: 1

Type: M-1

ECM Index: 1.06

Shield Rating:

Shield Index: 1.009

Holdoff Power: 4.31×10^9 w

Refresh Rate: 0.31×10^9 w
 Breakdown Rate: 0.87×10^9 w
 Shield Dimensions:
 Length: 384.08 m
 Width: 173.76 m
 Height: 125.0 m

Weapons:

Energy Beam Wpn Index: 1.0
 Missile Wpn Index: 2.2
 Weapon Placement:
 Total Beam Wpn: 12 banks of 1 each.

Output: 2.5×10^8 w
 Range: 6.0×10^6 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 4 each.

Stock: 60
 Range: 6.0×10^6 km
 Output: 3 to 27 Megatons
 Rate of Fire: 8 per minute
 Fwd Banks: 0
 Aft Banks: 0
 Port Banks: 4
 Stbr. Banks: 4
 Dorsal Banks: 0
 Ventral Banks: 0

Ship Names & NCC Number:

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

For: Daedalus class.

Daedalus	NCC - 170		Independence	NCC - 186	
Columbia	NCC - 171		Ticonderoga	NCC - 187	
Coventry	NCC - 172		Discovery	NCC - 188	
Essex	NCC - 173	Lost	Riga	NCC - 189	
Ranger	NCC - 174		Horizon	NCC - 190	Lost
Mercury	NCC - 175		Constellation	NCC - 191	
Andromeda	NCC - 176		Fearless	NCC - 192	
Melbourne	NCC - 177		Endeavour	NCC - 193	
Soyuz	NCC - 178		Apollo	NCC - 194	
Gemini	NCC - 179		Forrestal	NCC - 195	
Sheffield	NCC - 180		Halifax	NCC - 196	Cancelled
Intrepid	NCC - 181		Foch	NCC - 197	Cancelled
Archon	NCC - 182	Lost	Vanguard	NCC - 198	Cancelled
Challenger	NCC - 183		La Fayette	NCC - 199	Cancelled
Hermes	NCC - 184		Kongo	NCC - 200	Cancelled
Yorktown	NCC - 185				

Cancelled means hull was never built. Name and number reassigned.