



## Canopus Class VIII Cruiser



### Construction Data

<i>Model Numbers</i>	I	III	IV
<i>Date Entering Service</i>	2249	2253	2256
<i>Number Constructed (New Build)</i>	15	6	1
<i>Number Constructed (Converted)</i>		6	19

### Hull Data

<i>Superstructure Points</i>	13	19	13
<i>Damage Chart</i>	C	C	C
<i>Size</i>			
Length	242m	242m	242m
Width	80m	80m	80m
Height	30m	30m	30m
Weight	107685 mt	119065 mt	108915 mt

### Cargo

Cargo Units (SCU)	134 SCU	138 SCU	134 SCU
Cargo Capacity (mt)	6690 mt	6880 mt	6680 mt
Landing Capability	No	No	No

### Equipment Data

<i>Control Computer Type</i>	M3	M3	M3
<i>Transporters</i>			
standard 6-person	4	4	4
emergency 22-person	3	3	3
cargo	1	1	1

### Other Data

<i>Crew</i>	235	242	234
<i>Passengers</i>	10	10	10
<i>Shuttlecraft</i>	2	2	2

### Engines and Power Data

<i>Total Power Units Available</i>	22	32	32
<i>Movement Point Ratio</i>	3/1	3/1	3/1
<i>Warp Engine Type</i>	FWE-1	FWE-2	FWE-2
Number	2	2	2
Power Units Available (each)	8	13	13
Stress Charts	G/K	G/K	G/K
Maximum Safe Cruising Speed	7.00	7.00	7.00
Emergency Speed	9.00	9.00	9.00
<i>Impulse Engine Type</i>	FIC-3	FIC-3	FIC-3
Power Units Available	6	6	6

### Weapons and Firing Data

<i>Beam Weapon Type</i>	FL3	FL-4	FH4
Number	4	6	6
Number	2FP,2FS	2FP,2FS,2F	2FP,2FS,2F
Firing Arcs	G	G	Q
Firing Chart	2	3	3
Maximum Power			
Damage Modifiers			
+ 3			
+ 2			1-8
+ 1	1-4	1-4	9-14
<i>Missile Weapon Type</i>		FAC2	FP1
Number		1	1
Firing Arcs		1F	1F
Firing Chart		G	L
Power To Arm		4	1
Damage		10	10

### Shields Data

<i>Deflector Shield Type</i>	FSI	FSI	FSI
Shield Point Ratio	1/3	1/3	1/3
Maximum Shield Power	13	13	13

### Combat Efficiency

<i>D--</i>	69.6	91.7	84.5
<i>WDF--</i>	2.8	8.8	21.2
<i>CE--</i>	1.9	8.1	17.9

The Canopus Class Research Cruisers were designed to carry out the first detailed survey work on the Sagittarian arm of the Galaxy. 24 Ships of the class were proposed, the design was lightly armed, but to compensate was equipped with state of the art FSI trinary shielding.

15 Ships were produced in this initial configuration, but only 12 actually entered full service with Galaxy Exploration Command, the final three ships were refitted while working up to the new Mk3 configuration. The Mk 1 served until 2258 when the last vessel was refitted and upgraded. Two ships of this mark are known to have been destroyed, while a third USS Capricornus vanished without trace in December 2255.

The intention had been to introduce the Mk2 in 2253, with upgraded FWE-2 Warp drives, but no additional weapons. However, events were to cause Starfleet to require a very different type of cruiser. The outbreak of the four years war led to the modification of the design to produce the Mk3, which mounted more powerful lasers in more mounts, as well as accelerator cannon. The high speed, and excellent shielding of the Canopus design making it an ideal long range reconnaissance cruiser. The prototype Mk2 was renamed USS Centurion, and entered service in 2253 as the first Mk3, and was followed by a further 5 new build ships. Three recently completed Mk1s were pulled back from working up and upgraded to the new standard. Three additional Mk1s were upgraded as they returned from their missions.

Mark 3 Canopus class vessels frequently operated on their own, deep inside enemy territory, the small profile of the design linked to classified ECM systems making them virtually impossible for the inferior Klingon sensors to detect. As a result of this high risk mission, 5 Mk3 ships of the 12 built or converted were lost during the war.

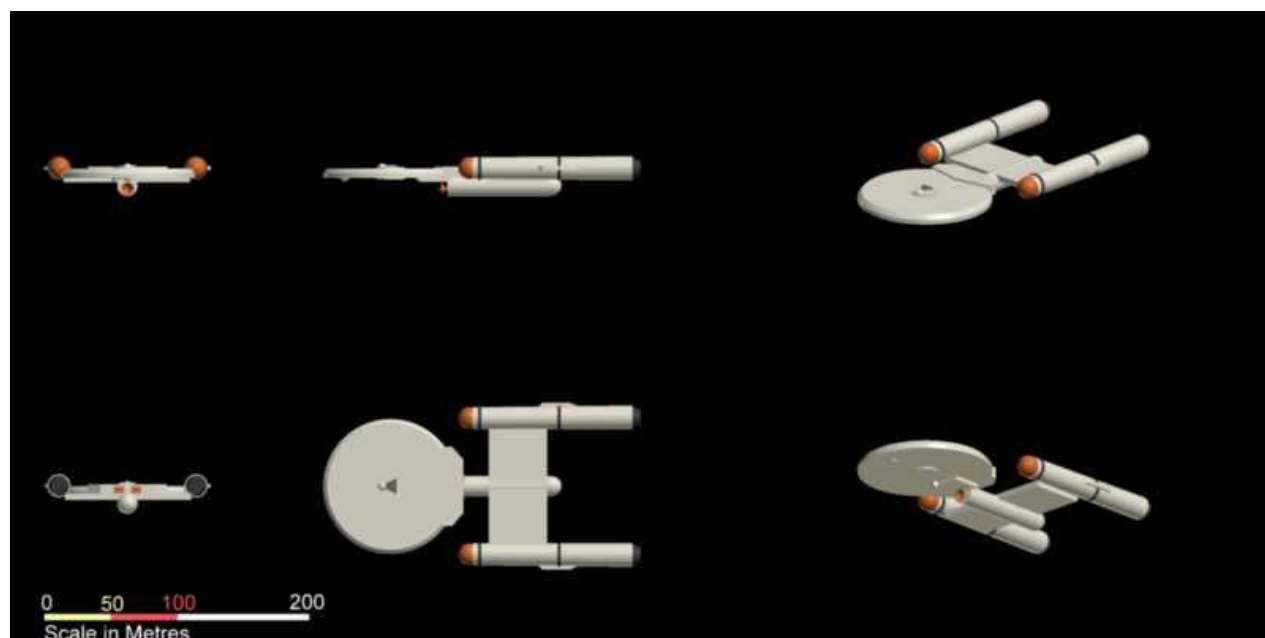
The 22<sup>nd</sup> and last production vessel USS Cavalier was completed with Phasers and a single photon torpedo. The ship commissioned just in time to catch the end of the war. All of the 13 surviving Mk1 and Mk3 ships were refitted to the Mk4 standard between 2257 and 2263, but 8 proposed new build Mk4s were cancelled as production of additional Constitution class ships was deemed preferable. Post war the class returned to scientific mission profile, but the enhanced weapons were retained.

The class continued in service until 2286, although numbers were steadily reduced from 2275 onwards by a intense program of scrapping and sales. The reasons for this was a combination of the craft being too small to operate effectively in a long range exploration role or to be equipped with modern sensors, conversely they were too large and crew intensive to operate in a short range exploration role in a military configuration. Despite this, civilian research groups now own a number of Mk4s, as the removal of the weapons upon sale permitted a major reduction in crew complement and released the space for the fitment of modern sensors.

In 2290 it was realized that not a single ship had been retained for the Starfleet museum, as a result the former USS Canopus was repurchased at scrap prices in a very poor condition, and is now being restored to its former glory.

#### Commissioned Units

1570 Canopus	B1-2249, R4 2256, SOLD 2277	1580 Coriolanus	B1-2253, R4 2261, SC 2277	1590 Cambria	B3-2256, D2257
1571 Castor	B1-2249, R3 2253, R4 2257, SC 2275	1581 Corsair	B1-2253, R4 2257, SC 2280	1591 Cavalier	B4-2256, SOLD 2286
1572 Capella	B1-2250, R3 2253, D2255	1582 Ceres	B1-2253, R3 2253, R4 2257, SC 2278	1592 Camilla	CANCELLED 2256
1573 Capricornus	B1-2250, M 2255	1583 Centaurus	B1-2254, R3 2253, R4 2257, SC 2279	1593 Corinna	CANCELLED 2256
1574 Caledonia	B1-2251, R3 2253, D 2256	1584 Cambria	B1-2254, R3 2253, D 2256	1594 Calpurnia	CANCELLED 2256
1575 Cassiopeia	B1-2251, R4 2261 SC 2275	1585 Centurion	B3-2254, R4 2261, SOLD 2283	1595 Cameronian	CANCELLED 2256
1576 Calypso	B1-2251, D 2255	1586 Caledonia	B3-2255, R4 2263, SC 2285	1596 Cathay	CANCELLED 2256
1577 Catalina	B1-2252, R4 2258 SC 2275	1587 Cleopatra	B3-2255, D 2255	1597 Cabot	CANCELLED 2256
1578 Caribou	B1-2252, R4 2257 SC 2276	1588 Circe	B3-2255, R4 2262, SC 2280	1598 Courtier	CANCELLED 2256
1579 Clipper	B1-2252, D 2254	1589 Challenger	B3-2256, R4 2258, SOLD 2285	1599 Columbia	CANCELLED 2256



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Canopus Class Design and basic history from Space Flight Chronology, Pocket Books.  
FASA stats and expanded history by Steve Bacon