

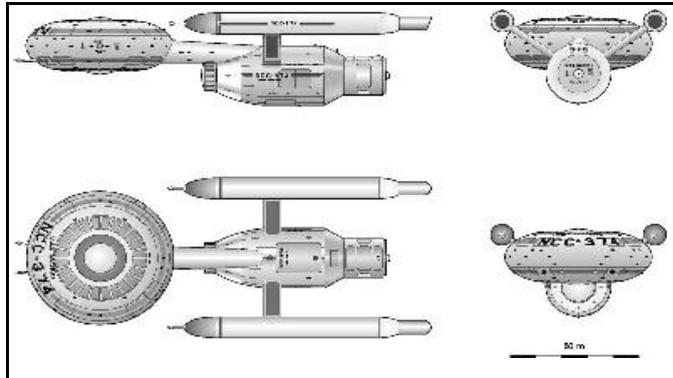
# LIGHT CRUISER

MOSKVA CLASS

HISTORIC FEDERATION VESSEL

<b>Classification:</b>	CA
<b>Class:</b>	VI
<b>Model:</b>	I
<b>Class Commission Date:</b>	2179
<b>Number Proposed:</b>	
Constructed:	31
Lost:	
Destroyed:	
Scrapped:	
Training:	
Captured:	
Sold:	
<b>Superstructure:</b>	17
<b>Damage Chart:</b>	C
<b>Dimensions:</b>	
Length:	
Width:	
Height:	
<b>Displacement:</b>	69965 mt
<b>Cargo Specs</b>	
Total SCU:	67 SCU
Cargo Capacity:	3330 mt
<b>Computer Type:</b>	K-3
<b>Landing Capacity:</b>	N
<b>Cloaking Device:</b>	
Power to Engage:	
<b>Transporters:</b>	
6-person:	2
20-person Combat:	
22-person Emergency:	2
cargo:	2
<b>Laboratories:</b>	
<b>Brigs:</b>	6
<b>Replicators:</b>	
<b>Shuttlecraft:</b>	
Light Shuttle:	10
Standard Shuttle:	
Heavy Shuttle:	
Cargo Shuttle:	
Medical Shuttle:	
Combat Shuttle:	5
<b>Ships Complement:</b>	198
Officers:	40
Enlisted:	158
Troops:	
Passengers:	5
<b>ENGINEERING-</b>	
<b>Total Power Available:</b>	40
<b>Movement Point Ratio:</b>	3/1
<b>Warp Engine Type:</b>	FFTL-3A
Number:	2
Power Units:	18
Stress Chart:	Q/R
Optimum Speed:	2.40
Max Safe Cruising:	3.20
Emergency Speed:	3.60
Maximum Speed:	4.00
<b>Impulse Engine Type:</b>	FNSP-3C
Power Units:	4
<b>WEAPONS/DEFENSE</b>	
<b>Beam Weapon:</b>	FEL-1
Firing Arcs:	2FP,2FS,2AP,2AS
Firing Chart:	A
Maximum Power:	2
Damage Modifiers	
+3	
+2	
+1	
<b>Beam Weapon:</b>	FLC-3
Firing Arcs:	1 FP,1FS
Firing Chart:	G
Maximum Power:	4
Damage Modifiers	
+3	
+2	
+1	1-6
<b>Torpedo Type:</b>	FT-1
Firing Arcs:	4f
Firing Chart:	D
Power To Arm:	2
Damage:	4
Stock:	20

<b>Shields-</b>	
Shield Type:	FDS-3
Shield Point Ratio:	2/1
Maximum Shield:	7
<b>Combat Efficiency</b>	3.1
D-	43.8
WDF-	7.0



The Moskva class originated from the 2169 design competition to provide a replacement for the Daedalus class. That competition was won in 2171 by the Wasp class, the Moskva losing out. By 2173 doubts emerged over the capability of the Wasp class to meet its designed specification, and a requirement was issued for a second class of cruiser. This was awarded in 2175 to a revised Moskva class, 31 of which were ordered.

The class was recognized as a nt advance in starship design. The most important feature was the reversion to a discoid primary hull (as used in the NX class of 30 years earlier). Most earlier designs used a spherical primary hull for reasons of cost (geometry dictates that a spherical hull has the smallest surface area for a given volume. Therefore, construction costs are lower and shields are more efficient) and institutional inertia (most exploratory cruisers originating until that time from the United Earth Space Probe Agency, and its successor organizations had spherical hulls).

As the Wasp class had shown, warp field geometry is problematic when a spherical hull with its relatively large frontal area is used. The discoid hull was also found to have a channeling effect on the warp field flow towards the Bussard ram scoops of the warp nacelles, this improved field efficiency at all power levels and speeds. As the understanding of warp field mechanics improved, the reversion to saucer-shaped primary hulls would intensify on later vessels Starfleet produced.

The first ship of the new class, USS Moskva, entered service with Starfleet in April 2179. An additional 30 ships commissioned between 2179 and 2183.

The class had an excellent safety record, with no ships lost to mechanical failures. However, in 2186 an incident occurred aboard USS Johannesburg when a faulty monitor indicated a runaway overload within the plasma flow governor. With a warp core breach apparently imminent the warp nacelles and warp bustle were separated. Although unnecessary the seperation caused the warp core to initiate its automatic shut-down routine. The seperated sections of the ship were successfully re-mated at a Starbase 29.

Although most of the class had left front-line service by 2215, some served on as auxiliaries and training vessels until the 2240s, others were used as testbeds for new technologies. Additionally, the Taurus class tugs (2182) and Sanford class repair tenders ( 2185) were derived from the Moskva class design.

USS Aurora, a participant of the Battle of Eohippus IV, is on display at the Starfleet Museum.

Commissioned Ships			
MOSKVA	NCC-374	VON BRAUN	NCC-390
ORION	NCC-375	SUSAN	NCC-391
CALLISTO	NCC-376	TYRELL	NCC-392
AURORA	NCC-377	GANYMEDE	NCC-393
PALLAS	NCC-378	METROPOLI	NCC-394
AFRICA	NCC-379	APOLLO	NCC-395
THRESHER	NCC-380	BARSOOM	NCC-396
OSAKA	NCC-381	THUNDER	NCC-397
JOHANNESBURG	NCC-382	SEYMOUR	NCC-398
TITAN	NCC-383	McMANUS	NCC-399
THEISS	NCC-384	WAH CHANG	NCC-400
NOSTROMO	NCC-385	INGRAHAM	NCC-401
SAN FRANCISCO	NCC-386	VOSTOK	NCC-402
GATO	NCC-387	SHANGHAI	NCC-403
VINCENNES	NCC-388	TRUMBULL	NCC-404
AMERICA	NCC-389		

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