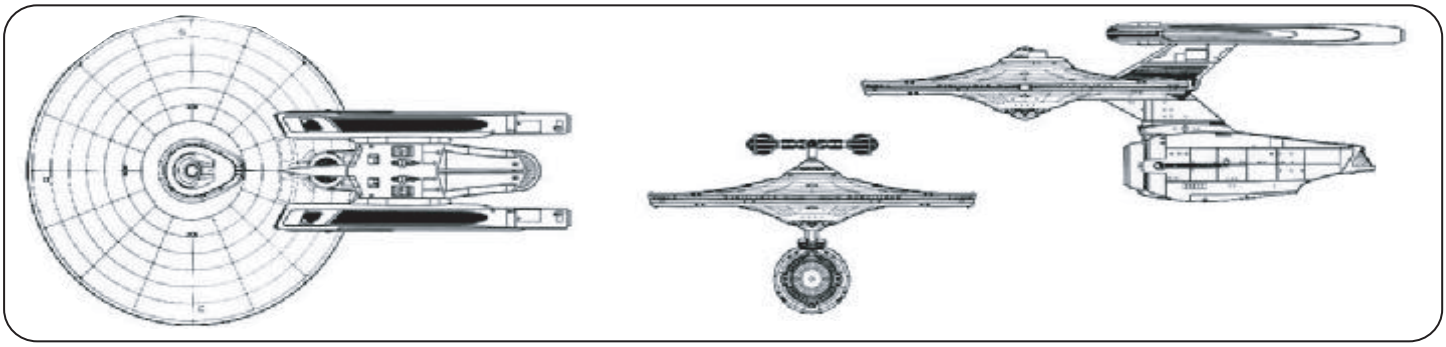
ASHANTI CLASS XII HEAVY CRUISER



ONSTRUCTION DATA:		
Class -	XII	XII
Model -	Mk I	Mk II
Date Entering Service -	2287	2312
Number Constructed -	18	17
HULL DATA:		
Superstructure Points -	36	43
Damage Chart -	C	C
Size		
Length -	260 m	260 m
Width -	141 m	141 m
Height -	35 m	35 m
Weight -	209,240 mt	187,665 mt
Cargo		
Cargo Units -	300 SCU	300 SCU
Cargo Capacity -	15,000 mt	15,000 mt
Landing Capacity -	None	None
EQUIPMENT DATA:		
Control Computer Type -	M-7a	M-7a
Transporters -		
Standard 6-person -	4	4
Combat 22-person -	-	-
Emergency 18-person -	7	7
Cargo -	6	6
OTHER DATA:		
Crew -	550	495
Troops -	-	-
Passengers -	60	80
Shuttlecraft -	10	10
ENGINEERING:		
Total Power Units Available -	108	82
Movement Point Ratio -	5/1	4/1
Warp Engine Type -	FWC-1	FWC-2
Number -	2	2
Power Units Avaliable -	38 ea.	25 ea.
Stress Chart -	E/H	D/E
Max Safe Cruising Speed -	Warp 8	Warp 12
Emergency Speed -	Warp 10	Warp 14
Impulse Engine Type -	FIG-2	FIG-2
Power Units Available -	32	32
WEAPONS AND FIRING DATA:		
Beam Weapon Type -	FH-11	FH-11
Firing Arcs -	2 f/p, 2 f/, 2 f/s	2 f/p, 2 f, 2 f/s 2 f/p/a, 2 f/s/a, 2 p/a/s
Firing Chart -	Y	Y
Maximum Power -	10	10
Damage Modifiers		
+3	(1-10)	(1-10)
+2	(11-17)	(11-17)
+1	(18-24)	(18-24)
Beam Weapon Type -	FH-5	-
Firing Arcs -	2 f/p/a, 2 f/s/a, 2 p/a/s	-
Firing Chart -	W	-
Maximum Power -	5	-
Damage Modifiers		
+3	(1-10)	-
+2	(11-17)	-
+1	(18-20)	-
Torpedo Weapon Type -	FP-4	FP-4
Firing Arcs -	2 f, 2 a	2 f, 2 a
Firing Chart -	S	S
Power to Arm -	1	1
Damage -	20	20
SHIELD DATA:		
Deflector Shield Type -	FSS	FSQ
Shield Point Ratio -	1/4	1/4
Maximum Shield Power -	20	30
COMBAT EFFICIENCY:		
D -		
WDF -		

NOTES:
Federation Wide Use

The Ashanti was produced by a combination of Politics and technical innovation. The decision to decommission the Constitution class ships in 2285 meant that a successor was required. It was logical that the new design draw on the old. One major change that was dictated was the choice of Warp Drive, the new FWG-3 warp drive had just come onto the inventory, and it was proposed to use this engine on the new class. This choice forced a change in the Warp drive mountings, as it was felt that the Constitution class support struts would be insufficient to support the greater mass. The choice made was to attach a new support structure to the top of the primary hull, this structure was sturdier, and it also served to house main engineering, releasing a large amount of space in the secondary hull for enhanced shuttle bays and crew facilities. Additional science labs were also added to the secondary hull.

In the event the reversal of the decommissioning decision for the Constitution class meant that the Ashanti was built in relatively small numbers, just 18 ships were built from a projection of 40. The most famous of the ships was of course the USS Challenger NCC-2032, which featured prominently in the skirmishes prior to the signing of the first Khitomer treaty. Another ship of note was NCC- 2048 USS Ahwanne.

The other reason for the limited production run was the choice of warp drive, any growth in class weight would have adversely effected maneuverability and power efficiency. For this reason the Mk II adopted the far lighter FWL2 engine, with a resulting loss of power and efficiency, but speeds were radically improved, and the weight saving from the engines could be used for weapons enhancements. These modifications saw the ships through another 40 years service and into reserve or training duties after that. One ship was diverted from a training cruise to participate in the Battle of Wolf 359.

By Steve Bacoin. Version 3.0