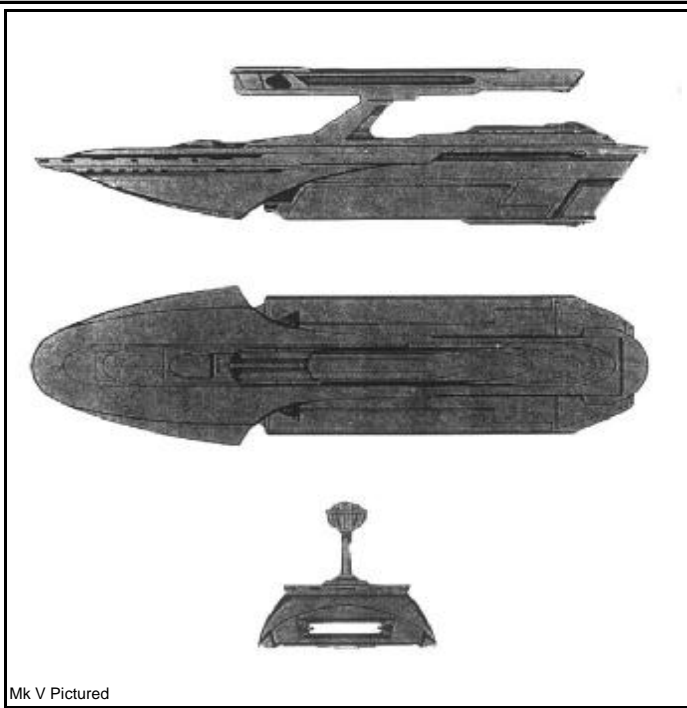


BUOY TENDER

GRAYSON CLASS

Construction Data			
Ship Classification	Tender	Tender	Tender
Model Numbers	Mk I	Mk III	Mk V
Date Entering Service	2252 (1/95)	2255 (1/97)	2270 (2/15)
Number Constructed	70	150	160
Hull Data			
Superstructure Points	5	6	7
Damage Chart	B	B	B
Size			
Length	118 m	220 m	220 m
Width	84 m	85 m	85 m
Height	55 m	58 m	58 m
Weight	26,260 mt	50,260 mt	62,360 mt
Cargo			
Cargo Units	300 SCU	250 SCU	250 SCU
Cargo Capacity	15,000 mt	12,500 mt	12,500 mt
Landing Capability	None	None	None
Equipment Data			
Control Computer Type	L-13	L-14	L-14
Transporters			
standard 6-person	1	1	1
cargo	1	1	1
Other Data			
Crew	15	20	20
Shuttlecraft	1	1	1
Engines and Power Data			
Total Power Units Available	13	14	16
Movement Point Ratio	1/1	2/1	3/1
Warp Engine Type			
Number	1	1	1
Power Units Available	9	8	10
Stress Charts	L/M	F/I	K/F
Maximum Safe Cruising Speed	Warp 6	Warp 7	Warp 6
Emergency Speed	Warp 7	Warp 9	Warp 8
Impulse Engine Type			
Power Units Available	4	6	6
Weapons and Firing Data			
Beam Weapon Type			
Number	None	FH-5	FH-8
Firing Arcs		f/p/s	f/p/s
Firing Charts		R	T
Maximum Power		4	5
Damage Modifier			
+2		(1-8)	(1-10)
+1		(9-16)	(11-18)
Shields Data			
Deflector Shield Type	FSA	FSA	FSA
Shield Point Ratio	1/1	1/1	1/1
Maximum Shield Power	9	8	7
Combat Efficiency			
D--	30.7	1/29	28
WDF--		3.1	4
CE--		1/0	1.20



Mk V Pictured

Notes:

The *Grayson* class repair tenders were designed to fill the need for full-time navigational beacon repair. The first assignments were well within Federation territory, and therefore the first models were unarmed. However, after several unpleasant encounters with pirates and marauders, it was decided to give them a weapon for defensive purposes. This light armament in no way makes the *Grayson* class ships combat vessels, but it allows for their use as patrol ships in their duty areas.

The design of this tender incorporates an assembly-line style repair facility that is detachable from the main hull in case of emergencies, which usually take the form of getting away from an adversary with overwhelming firepower. As with all Federation ships, the warp engines can be separated from the main hull to protect the crew and allow escape from a matter/anti-matter overload.

Duty aboard a *Grayson* is not the most cherished in Starfleet. However, the ship performs a very important task by tending to the beacons and buoys so important to Federation military, commercial, and civilian concerns.

Of the 380 *Graysons* built, 94 Mk IIIs and 147 Mk Vs are still in service. Twenty-six Mk IIIs and 10 Mk Vs are in reserve fleets. Thirty-two Mk Is have been mothballed. Eighteen Mk Is and 8 Mk IIIs have been destroyed. Five Mk Is and 4 Mk IIIs have been lost or captured. Fifteen Mk Is, 18 Mk IIIs and 3 Mk Vs have been sold to the private sector.

Although an older design, the *Grayson* is highly efficient in its duties and still serves today. The Mk V *Grayson* is produced at the Morena shipyards at the rate of 9 per year.

Updated from Stardate Number 1 with additional information from Ship Construction Manual, 2nd edition, both by FASA.

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 Revised Statistics and History by Lee Wood, PDF by Steve Bacon V1.0
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