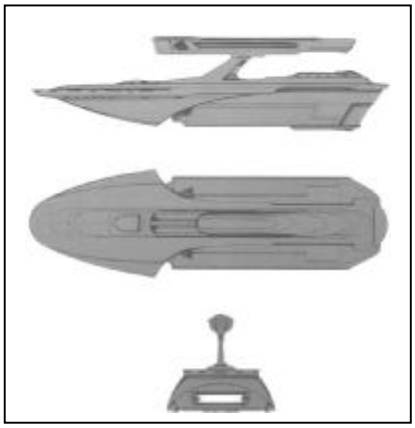
Grayson Class IV-VI Repair Tender

Construction Data				
Model Numbers	Mk I	Mk III	Mk V	Mk VI
Ship Class	IV	V	VI	VI
Date Entering Service	2252 (1/95)	2255 (1/97)	2270 (2/15)	2286 (2/22)
Number Constructed	70	150	149	90
Hull Data				
Superstructure Points	5	6	7	8
Damage Chart	B	B	B	B
Size				
Length	118 m	220 m	220 m	220 m
Width	84 m	85 m	85 m	85 m
Height	55 m	58 m	58 m	58 m
Weight	26,260 mt	50,260 mt	62,360 mt	63,925 mt
Cargo				
Cargo Units	300 SCU	250 SCU	250 SCU	250 SCU
Cargo Capacity	15,000 mt	12,500 mt	12,500 mt	12,500 mt
Landing Capability	None	None	None	None
Equipment Data				
Control Computer Type	L-13	L-14	L-14	L-14
Transporters				
standard 6-person	1	1	1	1
cargo	1	1	1	1
Other Data				
Crew	15	20	20	20
Shuttlecraft	1	1	1	1
Engines and Power Data				
Total Power Units Available	13	14	16	16
Movement Point Ratio	1/1	2/1	3/1	3/1
Warp Engine Type	FWB-1	FWE-1	FWD-1	FWD-1
Number	1	1	1	1
Power Units Available	9	8	10	10
Stress Charts	L/M	F/I	K/F	K/F
Maximum Safe Cruising Speed	Warp 6	Warp 7	Warp 6	Warp 6
Emergency Speed	Warp 7	Warp 9	Warp 8	Warp 8
Impulse Engine Type	FIB-2	FIB-3	FIB-3	FIB-3
Power Units Available	4	6	6	6
Weapons and Firing Data				
Beam Weapon Type	None	FH-5	FH-8	FH-8
Number		1	1	1
Firing Arcs		f/p/s	f/p/s	f/p/s
Firing Charts		R	T	T
Maximum Power		4	5	5
Damage Modifier				
+2		(1-8)	(1-10)	(1-10)
+1		(9-16)	(11-18)	(11-18)
Shields Data				
Deflector Shield Type	FSA	FSA	FSA	FSD
Shield Point Ratio	1/1	1/1	1/1	1/2
Maximum Shield Power	9	8	7	7
Combat Efficiency				
D--	30.7	29.6	28.0	37.4
WDF--	0.0	3.3	4.3	4.3
CE--	0.0	1.0	1.2	1.6



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 459 *Graysons* built, 94 Mk IIIs, 127 Mk Vs and 90 Mk VIs are still in service. Twenty-six Mk IIIs and 12 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 8 Mk Vs have been sold to the private sector. Two Mk Vs have been scrapped.

Although an older design, the *Grayson* is highly efficient in its duties and still serves today. The Mk VI *Grayson* is produced at the Morena shipyards at the rate of 4 per year with 5 upgrades per year of older models to Mk VI standard.

Updated and expanded from Stardate Number 1 *with additional information* from Ship Construction Manual, *2nd edition, both by FASA. Compiled by Lee Wood (FASAfan@hotmail.com). Version 3.1.*