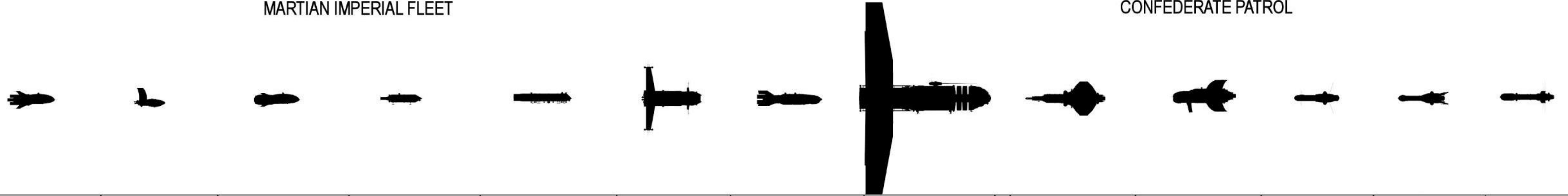


FLEET DETAILED COMPARISON SHEET - 1 MARCH 2519

MARTIAN IMPERIAL FLEET

CONFEDERATE PATROL



Class	<i>Hercules</i>	<i>Mustang</i>	<i>Zeus</i>	<i>Achilles</i>	<i>Courage</i>	<i>Sirius</i>	<i>Hornet</i>	<i>Ares</i>	<i>Orion</i>	<i>Aquarius</i>	<i>Vigilance</i>	<i>Qin Shi Hung</i>	<i>Thunderbolt</i>	
Type	Corvette	Corvette	Corvette	Lt Assault Carrier	Hvy Assault Carrier	Destroyer	Light Carrier	Heavy Cruiser	Defender	Defender	Patrol Cruiser	Patrol Cruiser	Corvette	
Number in service	28	5	3	14	8	34	1	3	38	6	65	6	5	
First commission	2483	2516	2518	2484	2496	2490	2518	2517	2498	2507	2505	2513	2516	
Designer	Nilsen Associates	Karnaki Design Bureau	Karnaki Design Bureau	Nilsen Associates	Nilsen Associates	Chandrasekhar Bureau	Raymond Partners	Chandrasekhar/Karnaki	Patrol Standard Design	Patrol Standard Design	Patrol Standard Design	Patrol Standard Design	Grenadier (Psyche)	
Dry mass	22,064	10,190	18,945	18,792	50,957	31,080	28,325	195,858	44,441	41,045	22,904	23,449	15,627	
Loaded mass	22,498	19,388	19,732	19,351	52,233	32,514	32,931	211,241	44,974	44,578	24,756	25,301	16,957	
Wet mass	69,998	15,772	56,388	62,851	166,233	82,514	93,351	527,841	139,974	140,078	62,256	62,301	41,007	
Propellant load	2,500 RCS MSMH 45,000 Lead	340 RCS MSMH 4,700 MSMH (main)	1,000 RCS MSMH 6,000 MSMH (main) 30,000 Lead	2,500 RCS MSMH 6,000 MSMH (thruster) 35,000 Lead	5,000 RCS MSMH 9,000 MSMH (thruster) 100,000 Lead	2,500 RCS MSMH 47,500 MSMH (main)	2,500 RCS MSMH 50,000 Lead 7,920 MSMH (Tanker)	10,000 RCS MSMH 300,000 Lead 6,600 MSMH (tanker)	5,000 RCS MSMH 90,000 Lead	8,000 RCS MSMH 87,500 Lead	2,500 RCS MSMH 35,000 Lead	3,000 RCS MSMH 34,000 Lead	1,005 RCS MSMH 23,000 Lead	
Length	121.0	76.0	116.7	103.0	142.0	144.6	158.0	320.0	194.1	158.5	114.5	122.5	132.5	
Base hull diameter	25.0 X 20.0	18.0 X 15.0	25.0 X 20.0	20.0 X 32.0	20.0 X 55.0	38.5 X 22.0	24.0 X 24.0	60.0 X 60.0	32.0 X 32.0	35.8 X 35.8	22.0 X 25.0	22.0 X 25.0	16.0 X 12.0	
Maximum height	33.1	48.3	33.1	28.7	28.7	181.7	39.5	464.5	81.0	80.2	79.0	34.7	75.0	
Maximum span	50.9	69.2	50.9	38.0	63.8	32.5	88.0	320.2	83.0	80.0	88.5	55.2	57.2	
Nominal volume	39,111	14,059	33,092	42,449	101,241	82,617	60,832	557,166	107,324	109,504	41,852	42,511	18,579	
Power	1 X PhillGe 5PF protium 1 X PhillGe 3DA fission 1 X PhillGe 5CF CNO	2 X Actron MkIIa protium 2 X PhillGe 3DA fission 1 X PhillGe 6CF CNO	5 X Actron MkIIa protium 2 X PhillGe 3DA fission 1 X PhillGe 6CF CNO	2 X Desani 240 protium 2 X PhillGe 3DA fission 2 X PhillGe 5CF CNO	4X Desani 240 protium 3 X PhillGe 3DA fission 5 X PhillGe 5CF CNO	5 X Desani 502 protium 3 X PhillGe 3DA fission 3 X PhillGe 5CF CNO	1 X PhillGe 5PF protium 1 X PhillGe 3DA fission 3 X PhillGe 6CF CNO	14 X Actron MkIII protium 2 X PhillGe 5PF protium 5 X PhillGe 6CF CNO	2 X VestalLight 3D protium 2 X Osman-Tsek Mk7 CNO	2 X VestalLight 3D protium 2 X Osman-Tsek Mk7 CNO	1 X Desani 240 protium 2 X Osman-Tsek Mk7 CNO	1 X Desani 240 protium 2 X Osman-Tsek Mk7 CNO	1 X Trillium 1F protium 2 X Trillium K7 CNO	
Effective GWe	17,700	28,320	70,800	33,984	67,968	177,000	17,700	325,680	35,400	35,400	16,992	16,992	14,160	
Propulsion	4 X 10X40.5m MRHE ion tubes 6 X Karelli Md 3.1 EPT thrusters	1 X Karelli Md 5.2 BFA pod 4 X Karelli Md 4.3 BFA pods	1 X 10X40.5m MRHE ion tube 4 X 4.5X48.5m MRHE ion tubes 4 X Karelli Md 5.2 BFA pods 6 X Karelli Md 3.2 EPT thrusters	2 X 10X40.5m MRHE ion tubes 4 X Karelli Md 5.1 BFA pods 4 X Karelli Md 3.1 EPT thrusters	8 X 10X40.5m MRHE ion tubes 8 X Karelli Md 5.1 BFA pods 18 X Karelli Md 3.1 EPT thrusters	1 X Desani HA fusion drive 4 X Desani BK BFA pods	4 X 10X40.5m MRHE ion tubes 8 X Karelli Md 3.2 EPT thrusters	10 X 12X100m MHRE ion tubes	1 X 10X60m Axar ion tube 8 X 5X50m Axar It ion tubes 12 X Osman-Tsek 4K thrusters	1 X 10X60m Axar ion tube 8 X 5X50m Axar It ion tubes 12 X Osman-Tsek 4K thrusters	1 X 6X55m Axar ion tube 2 X 4X50m Axar ion tubes	1 X 6X55m Axar ion tube 2 X 4X50m Axar ion tubes	10 X 3X28m Brent ion tubes	
Maximum delta-v (kps)	2,532	867	2,230	2,373	2,498	2,100	2,166	2,109	2,533	2,411	2,033	1,943	2,026	
Wet/loaded acceleration (m/s2)	1.742/5.415	1.467/2.270	1.080/3.216	0.969/3.242	1.466/4.782	1.752/4.652	1.306/3.700	2.204/5.502	1.307/4.064	1.306/4.100	1.959/4.922	1.958/4.816	1.983/4.790	
Rated delta-v (kps)	2,523	280	2,050	2,172	2,362	685	1,879	2,058	2,523	2,401	2,024	1,933	2,016	
Wet/loaded acceleration (m/s2)	1.741/5.522	44.322/68.605	30.626/91.155	8.921/29.839	7.479/24.398	46.489/123.425	1.305/4.301	2.202/5.935	1.306/4.410	1.305/4.453	1.957/5.320	1.956/5.196	1.981/5.198	
High Thrust delta-v (kps)	505	195	498	518	522	480	376	412	505	480	405	387	202	
Wet/loaded acceleration (m/s2)	8.703/27.077	129.983/201.198	49.720/144.603	16.775/54.483	16.349/52.032	80.574/213.916	6.526/18.499	11.010/27.512	6.528/20.318	6.523/20.498	9.785/24.608	9.778/24.078	19.807/47.900	
Complement - standard crew	18	18	18	18	32	60	58	220	56	56	36	36	24	
Maximum crew / ships troops	20	20	20	40 + 132 Guards (company)	50 + 568 Guards (battalion)	72, + 40 Guards (platoon)	60 (includes 40 flight crew -sdrm)	260 + 132 Guards (company)	60 (includes 12 troops)	60 (includes 12 troops)	50 (includes 12 troops)	50 (includes 12 troops)	25	
Armament	7 X 5m 1nm lasers 2 X drone tubes 12 drones	1 X 8m 1nm laser 2 X drone tubes 1 X 3m 1 nm laser 8 X drone tubes 2 X 100mmX25mm rgm 2 X 50mmX7m ggg 32 drones	7 X 5m 1nm lasers 2 X drone tubes 12 drones	4 X 5m 1 nm lasers 2 X drone tubes 8 X 50mmX7m ggg turrets 12 drones	13 X 5m 1nm lasers 12 X drone tubes 12 X 50mmX7m ggg turrets 24 drones	22 X 5m 1nm lasers 12 X drone tubes 72 drones	7 X 5m 1nm lasers 4 X 3m 1nm lasers 2 X drone tubes 24 drones*	1 X 20m 1nm laser 12 X 10m 1nm lasers 20 X 5m 1nm lasers 50 X drone tubes 2 X 100mmX100m og turret 6 X 50mmX7m ggg 390 drones*	4 X 10m 1nm lasers 12 X 5m 1nm lasers 14 X drone tubes 6 X 100mmX18m cgm 144 drones	4 X 10m 1nm lasers 6 X 5m 1nm lasers 14 X drone tubes 6 X 100mmX18m cgm 4 X 3X100mm6.5m cg turrets 144 drones	2 X 10m 1nm lasers 6 X 5m 1nm lasers 8 X drone tubes 56 drones	2 X 10m 1nm lasers 6 X 5m 1nm lasers 8 X drone tubes 56 drones	6 X 5m 1nm lasers 20 X drone tubes 6 X 3X100mm6.5m cg turrets 80 drones	
Armor	250mm bow, sphere 125mm hull, fins 80mm tubes, cargo door	400mm bow 250mm sphere 225mm hull, pods no radiator armor	250mm bow, sphere, tanks 125mm hull, fins 80mm tubes, cargo door	250mm bow, sphere 125mm hull, fins 80mm tubes, cargo door	250mm bow, sphere 125mm hull, fins 80mm tubes, cargo door	250mm bow, spheres, tanks 150mm hull 125mm fins 80mm cargo doors	250mm bow, sphere 125mm hull, fins 80mm tubes, cargo door	250mm bow, sphere 125mm hull 80mm tubes, cargo doors no radiator armor	250mm forward face 125mm hull 80mm tubes, cargo door no radiator armor	250mm bow, sphere 125mm hull, fins 80mm tubes, cargo door	250mm forward face 125mm hull 80mm tubes, cargo door no radiator armor	250mm bow, sphere 125mm hull, fins 80mm tubes, cargo door	250mm forward face, spurs 125mm hull, tubes 80mm cargo door no radiator armor	
Small craft	4 lifeboats 1 slot in cargo bay	4 lifeboats	4 lifeboats 1 slot in cargo bay	8 lifeboats	10 lifeboats 4 Hawks	12 lifeboats 2 Hawks or Falcons	12 lifeboats 12 Falcons or Condors	50 lifeboats 10 Falcons or Condors	12 lifeboats 2 Liberators or Armadillos	12 lifeboats 2 Liberators or Armadillos	10 lifeboats 2 Liberators or Armadillos	10 lifeboats 2 Liberators or Armadillos	5 lifeboats	
	*Not including drones dedicated to small craft													
Total Crew Required:														
Total GJ Laser:														
Total Drone Tubes:														
Total Dry Mass:														
											3,914		5,140	
											14,147		22,560	
											706		1,284	
											3,068,940		3,642,617	