

VICTORY CLASS

Weight: Classified Dimensions: 1482.2 x 636.4 x 333.7

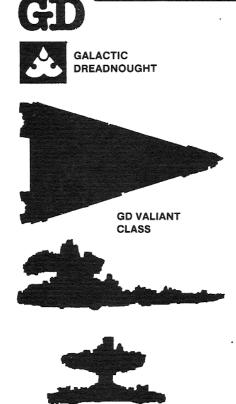
Speed: Sublight and Stardrive

Crew: 1287 officers; 3930 enlisted men 1200 marines 1034 mechtecs

Protection: This imposing vessel is equipped with a triple hull. Twelve cm of Impervium on the outer hull and 3cm on each of the inner hulls plus her each of the inner hulls plus her heavy field-generated screens make this ship almost impenerable. In addition 2.3m of cellulytic deternium lie between each hull, giving her the most complete protection our scientists could devise. VICTORY is the first Terran ship to have the armored overlanning skirt on the hull bot. lapping skirt on the hull bot-

Armament: The firepower of this ship takes a quantum leap over that of her predecessors. Four of the new Mk 91 'Starbuster' mounts plus nine of the reliable Mk 73 Heavy laser turrets are mounted with clear arcs of fire for each mount. The secondary is composed of sixteen Mk 57 medium turrets. Four are mounted on towers underneath the hull to improve their fire zones. Thirty-eight Mk 82 'Blazer' mounts plus 36 of the new Mk 87 triple laser-cannon Armament: The firepower of

give this class complete protec-tion against attack craft. Thir-ty METEOR starfighters are Comments: Her fire is sufficient to take on Her firepower dreadnoughts, a necessity when one considers the size of the Entomalian fleet. ty METEOR starfighters are housed in hanger bays alpha and omega. In addition twelve 14-man shuttle craft and four 8-man shuttles provide atmospheric transport for her crew and the 1200 marines normally embarked. Torpedo ports line the hull edge along with the sensor and guidance sys-DREADNOUGHT sensor and guidance sys-Machinery: Ten matter-anti-matter reactors coupled with four particle accelerators plus the usual fusion chambers prothe electrical needs for this ship. Mk 91 Sensors: No domes are in evidence to indicate previously known scanning units. This matter has been classified so there is no way to know if a new type sensor is carried or the starfighters are used for long range reconaisance, Some new and very large combat directors have been fitted on the superstructure. Starbuster Mount Tomas Andrews Rem Sweet Mk 57 Meteor Attack Craft



GD VALIANT CLASS

Weight: 2,410,050 metric tons Dimensions: Length - 901.1m; Width 625.0m; Height - 277.9m

Speed: Stardrive (c7), Sublight Crew: 910 officers, 22 enlisted, 800 marines, 1000 mechtechs

Protection: Like other TSFS warships the Valiant uses a hull of 12 cm of Impervium, but this has now become the inner hull. An ambient layer 10cm thick of SmartArmor forms the outer hull. This amazing substance is able to increase in thickness to 30cm in a local area within milliseconds. The ship's computers vary its thickness based on incoming trajectories.

Armament: 2 fusion cannons; 4 mk73 heavy lasers; 8 mk57 medium turrents, 42 antifighter hell-

The Valiant has the unique capability that it can actually be

Mk 57 Laser

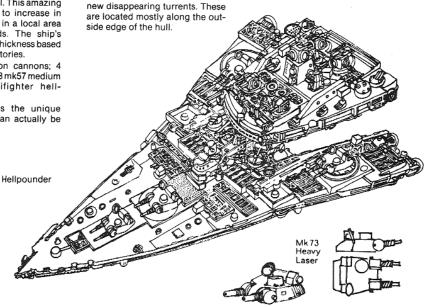
used as two separate craft. Although the command pod would not normally be detached from the main module, this can be rapidly accomplished when deemed necessary. Either unit can carry the entire crew. The detached command pod can reach Stardrive (c9). Each unit is powered by five matter-anti-matter reactors feeding four steep-vortex particle accelerators.

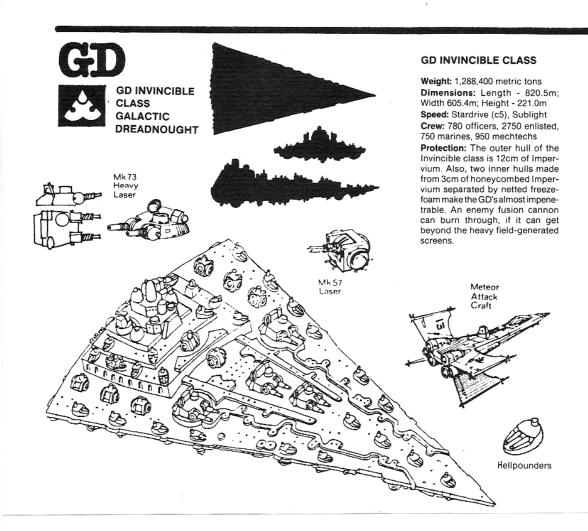
The hellpounders on the main module have been mounted in

One disadvantage of SmartArmor is that it is an excellent heat insulator. Note the large number of heat disapators visible on all sections of the hull.

OGI-79 RESTRICTED

The Valiant class is the first to use a new type of sensor, which explains the absence of any large pods. Those with the necessary security clearance can get more information in OGI report 23211J.





Armaments: 1 fusion cannon (mounted beneath the nose); 2 fusion missle launchers; 4 mk73 heavy lasers; 10 mk57 medium turrents; 36 antifighter hellpounders

Subunits: 4 APS shuttlecraft; 15 Meteor attack craft

When they were first built two decades ago, the GD's were the largest and most advanced warships of the Terran Federation. Since then the SGD's and the GAC's have surpassed the Invincibles, at least in size.

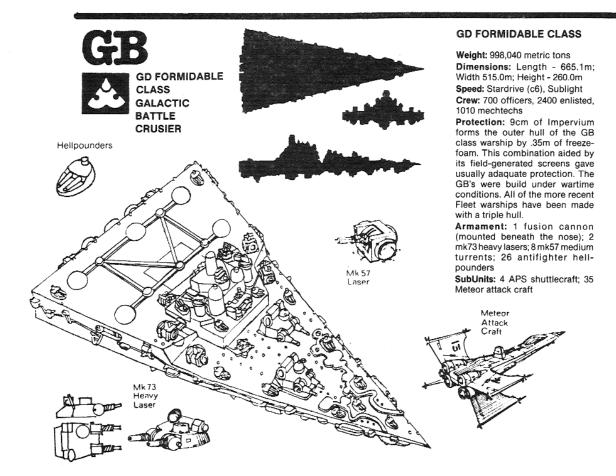
Hellpounders keep enemy fighters at a respectable distance, and any warship must have sophisticated protection to hope to survive the fusion cannon mounted beneath the nose.

Three huge sensor pods on the underside, and four normal looking pods near the bridge provide the maximum possible amount of information. The flight deck and hanger deck are located on the bottom, as well as the shield generating grids.

well as the shield generating grids.

Ten meter-antimater reactors coupled with four steep-vortex particle accelerators provide the power and electrical requirements of the ship.

1 fusion cannon 2 fusion missle launchers 4 mk73 heavy lasers 10 mk57 medium turrents 36 antifighter hellpounders 4 APS shuttlecraft 15 Meteor attack craft



From the days when ships sailed on water governments that wanted a bargain battleship have built battle-cruisers. They are generally built with offensive capabilities near equal to those of a battleship, but with a lighter and usually less well protected shell. In the case of the Formidable class the attack craft are considered an extra line of protection when needed.

The hellpounder has been the Fleets main anti-fighter weapon since it was acquired from the Avarians during the Entomalian massacre. One disadvantage of this and all carriers is that while your own craft are in range you cannot use the hellpounders.

Two long range sensor domes fore and aft of the hanger bay are the most prominent feature of the underside. The extreme sensitivity of these huge detectors make the GBs excellent for first line defense.

Drive power is provided by eight matter-antimatter reactors which can be shunted to three steep-vortex particle accelerators for Stardrive, or to two ion stream reversers for sublight maneuvering. Two fusion chambers are used for the electrical needs of the Formidable.

1 fusion cannon 2 mk73 heavy lasers 8 mk57 medium turrents 26 antifighter hellpounders 4 APS shuttlecraft 35 Meteor attack craft

SDL SAMURAI CLASS

Weight: 119,050 metric tons Dimensions: Length - 498.0m; Width 211.1m; Height - 155.3m Speed: Stardrive(c5), Sublight

Crew: 152 officers, 550 enlisted, 200 marines, 130 mechtechs

Weaponry: 1 mk73 heavy laser turrent; 1 fusion cannon; 6 tightbeam Class 3 masers; 14 hellpounders

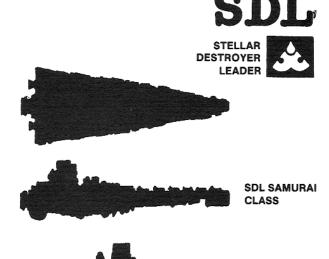
Sensors: Two huge sensor pods on the rear underside provide excellent communications and datafeed. A small pod near the bridge keeps the craft from being too monodirectional. Ten dark matter detectors provide excellent mine-sweeping capabilities.

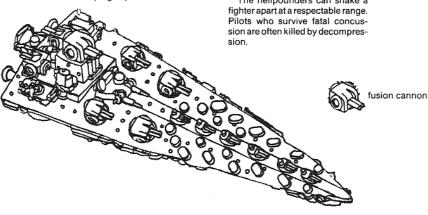
Protection: A triple hull of honeycomed Imperviou each lined with netted freezefoam, and heavy field generated screens provide usually adequate protection.

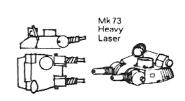
Samurai class warships are usually in the vanguard of fleet movements. The dark matter detectors they carry have proved to be invaluable. (TSFS has announced that all future warships will be so equipped.)

In sublight operation they are the fastest major ship of the Terra fleet. Acceleration is limited mainly by the crew's ability to withstand G-forces. They are often used for scouting missions, and several are in service along the Entomalian frontier.

The hellpounders can shake a









MORNING STAR CLASS

Weight: 295,500 metric tons unloaded (loaded weight classified) Mean Dimension: 350m

Crew: 75 officers, 300 enlisted men, 200 mechtechs, 40 pilots

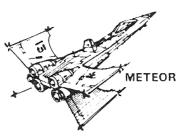
The Morning Star was constructed to protect a stellar system near the Entomalian frontier. Its single habitable planet was found to have great mineral wealth, but the cost of protecting a colony so close to the BUGS seemed prohibitive.

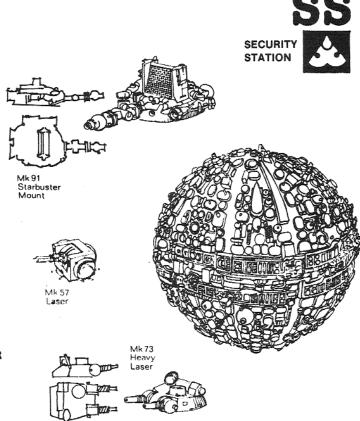
The MACE was constructed in sections, towed, and assembled at an optimum distance from the systems primary. Its energy weapons can fire indefinitely. Although the massively armored station has just about every weapon of the Terran Federation,

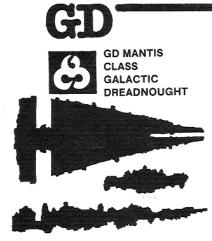
its fusion cannons and hullbreaking antimater missles are the main deterrent to alien raiders.

An experimental colony was set up on the planet now named Harder. During the past two standard years attacks on Harder have declined, and the last three recorded attacks were not on the colony but on the MACE itself. These too have proved unsuccessful and costly. An Impervium hull that is in places up to 20cm thick, as well as the most powerful field generated screens produced to date make the Morning Star almost impenetrable.

TSFS has decided to protect several critical installations with additional MACE stations, and construction has started at Zander colony







GD MANTIS CLASS

Weight: 925,144 metric tons Dimensions: Length - 835.0m; Width 442.0m; Height - 209.1m

Speed: Astro-drive, sublight Crew: 402 Higher Mantis, 6044 Lower Mantis, 310 phyladrones,

1300 sporgs

Weaponry: 6 Echo twin lasers, 8 Bolis triple lasers, 10 torpedo launch ports. As is usually the case with BUG warships, they carry fewer big guns and concentrate on hull-breaking cluster mines, torpedoes, and a huge pincer with gravitional attractors below and energy beams mounted above

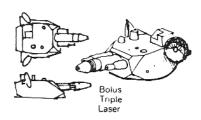
Sensors: The Mantis class uses eight Auris 2b fixed scanners and a central VAP tracking sensor.

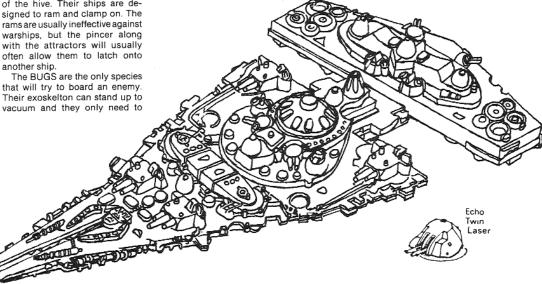
Protection: A hull of 16cm of Duralum reinforced by 3cm of Athermolite is definitely weaker than most warships of the Dreadnought class. A reasonably efficient energy damping beam system helps protect that somewhat fragile hull.

The Entomalians love to fight. War is a constant way of life to the BUGS. They are taught from hatching that life's greatest aspiration is to be a warrior and kill the enemies of the hive. Their ships are de-

cover their head and thorax with a scuba-like apparatus. If they can breach a hull they will swarm across with their sporgs and attempt to fight the enemy closein where they can use their claws and stingers, along with their other weapons

Sporgs are spiderlike intelligent animals that the Entomalians train to do many things. Like their masters they have a highly poisonous stinger and need even less equipment to face hard vacuum. They are even more adept at crossing a hull than the BUGS.





GB SCORPION CLASS

Weight: 715,366 metric tons Dimensions: Length - 640.1m; Width 442.0m; Height - 209.1m Speed: SAstro-drive, sublight Crew: 355 Higher Mantis, 5120

Lower Mantis, 285 phyladrones, 2525 sporgs

Weaponry: 4 Echo twin lasers; 7 Silicula lasers; 20 torpedo launch ports; An advanced claw-ram with

gravitation attractors and the new outboard spike-ram.

Sensors: The Scorpian class uses four Auris 3b fixed scanners, and an enhanced VAP tracking sensor.

Protection: The hull of these ships is 14cm of Duralum reinforced by 4cm of Athermolite. The claw and much of the spike are reported to be solid Athermolite. The BUGS energy damping beam is the first line of defence. For its size the Scorpion class seems better protected than most Enotmalian war-

The Scorpion class is the Entomalian's latest design effort. The new claw-ram is much stronger and with the attractors would be very difficult to dislodge.

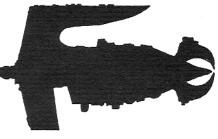
The spike-ram is a real danger to freighters and liners. Once a hull has been pierced soldiers and sporgs will emerge from hatches within the spike and attack at close quarters. The spike-ram would not generally by itself be able to pierce a modern warship, unless it was first damaged by other weapons. The spike can be separated from the rest of the ship and operated at high speed, but with limited range.

The BUGS consider it cowardly to stay behind your screens and fire long range weapons at an enemy. Their long range lasers and energy beams are fired often as they approach a target, but they always attempt to close. Many of their ships are destroyed before they can get close enough to use their weapons of choice.



GALACTIC BATTLECRUISER

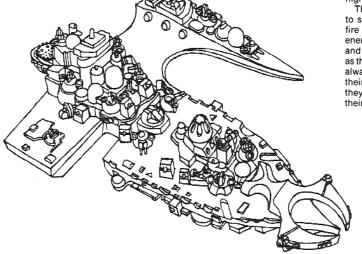








GB SCORPION CLASS



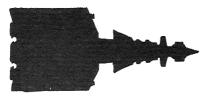








GALACTIC DREADNOUGHT



GD CONDOR CLASS

Weight: 882,150 metric tons
Dimensions: Length - 798.5m;
Width 392.3m; Height - 170.0m
Speed: Sublight/hyperdrive

Crew: 692 officers, 2610 enlisted, 900 servotechs

Protection: A 16 cm Thwartyllium hull in the Avarian's elastic plate configuration plus plasma screen

generators make this one of the best protected warships of the Five Powers.

Weaponry: 2 Antimatter missile launchers; 3 quadruple Magnelectric Rifle Turrents; 12 Mammoth Type I medium double lasers; 34 hellpounders

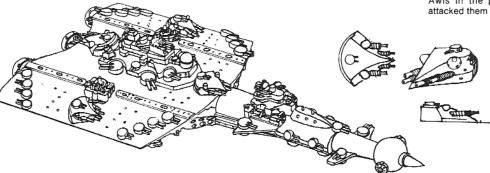
Very little is known about the propulsion and sensor systems employed by the Avarians. Though there is one normal looking sensor pod amidships, it is believed that the massive sphere at the nose of the ship provides major sensor functions.

The propulsion system of the Awls is their closely guarded secret, but it clearly delivers a better power to weight ration that the other species can match. The afterbody is believed to be occupied almost completely by drive machinery, with the boom containing crew quarters and the major operations areas.

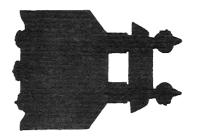
Avarians use large numbers of their superior ships to tightly defend their homeworlds. They usually show little interest in events beyond their own territory. (Their vital help to us humans during the entomalian massacre being a notable exception.) Although three of the five powers have fought the Awls in the past, no one has attacked them in over a decade.







Quadruple Magnelectric Rifle







GD EAGLE CLASS

Weight: 775,200 metric tons Dimensions: Length - 602.2m; Width 405.5m; Height - 166.6m Speed: Sublight/hyperdrive Crew: 450 officers, 2055 enlisted, 750 servotech

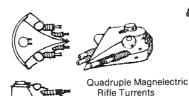
Protection: The Eagle's hull is made of 14cm of Thwartyllium elastic plate. Plasma screen generators stop most attacks before the hull's strength can be tested.

Weaponry: 1 Antimatter missile launcher; 3 quadruple Magnelectric Rifle Turrents; 8 Mannoth Type I medium double lasers; 22 hellpounders

The Eagle class is the newest addition to the Avarian Fleet. The unique dual necked design allows complete control and sensor functions from either loaction. Damage to either bridge or pod should have little effect on the ship's operation. At this time the craft is untested in battle however.

The eight football shaped structures amidships are of unknown function, but they look suspiciously like the dark-matter detectors which have been employed on our Samuari class destroyers.

OGI believes the Eagle class is powered by four or five phased hyperion generators. The wing superstructures, which have been added to this new warship, reinforce our belief that nearly all the



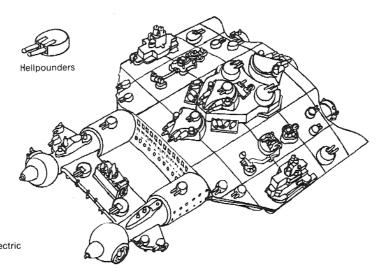
wing interior is occupied by drive machinery.

The Awls are the galaxies oldest spacefaring species. Of the other spacefarers only us humans, the youngest, can be considered their allies. Their many enemices have been content to fight each other for some time now. There can be little doubt that the superior warships of Alliance has been building are the major reason for this period of relative peace.



GB EAGLE CLASS GALACTIC BATTLECRUISER

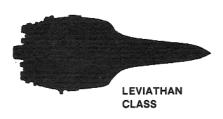








GALACTIC DREADNOUGHT



GD LEVIATHAN CLASS

Weight: 933,600 metric tons Dimensions: Length - 800.0m; Width 368.8m; Height - 208.8m

Speed: Sublight/Megalight Crew: 184 Aqualeaders, 1950 Aquanauts, 541 Aquabots

Weaponry: 3 Flagran triple lasers; 4 Atavus triple lasers; 3 Beta ion inversion turrents; 8 FIN particle weapons provide CIDs

Sensors: Two GP pods on the ship's underside hold main bathemetry and navigational sensors. Backups and secondary data acquisition units are located in smaller pods near the bridge. Long range detectors are located in pods at the base of the long tower-like structures amidships.

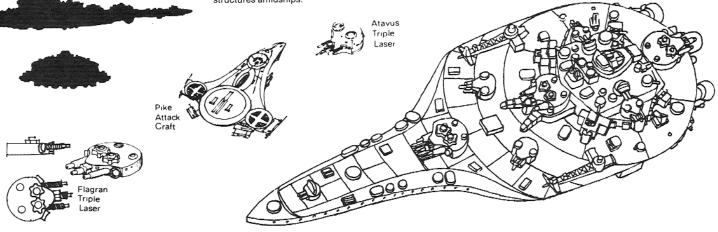
Protection: The hull is armored with 9cm of overlapping atherniate oxinal plate. The Leviathian class is also shielded by a Mantellium defensive screen.

Subunits: 12 Pike attack craft; 1 SCL massive armored landing craft; 2 utility landing craft.

The Aquarians have been building several dreadnoughts per standard year ever since the Entomalians declared a crusade against them two decades ago. The BUGS have been causing enough damage to the Alliance that their raids on our Terran worlds have decreased significantly. Recently OGI has received reports that Acks have been counterattacking Entomalian homeworlds.

In addition to the weapons listed above the Leviathian class, like all Ack ships carries large numbers of surface bombs. The Aquarians also like to fight in close, they like to bomb cities on an enemy colony or homeworld then land amongst the smoke and heat and take captives. Such prisoners are never seen again.

While smoke and heat are to the Ack's liking, their slow metabolism prevents them from functioning well in colder environments. As a result Terran military bases, and even some colonies are often located on the outer frigid planets of systems near the Aquarian sectors.





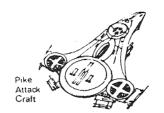


GALACTIC BATTLECRUISER









GB SHARK CLASS

Weight: 782,700 metric tons Dimensions: Length - 648.8m; Width 324.4m; Height - 180.0m

Speed: Sublight/Megalight

Crew: 144 Aqualeaders, 1750 Aquanauts, 410 Aquabots

Weaponry: 2 Flagran triple lasers; 2 Atavus triple lasers; 2 Beta ion inversion turrents; 6 FIN particle weapons provide CIDs

Sensors: The Aquarians have developed long-rang sensors that are superior to those of the other powers. The long tower-like structures mounted on the outer hull provide this extra range, but its method of operation is still unknown to OGI analysts. Navigational and bathemetry sensors are mounted vertically on the forward nose of the shark class. Backups are mounted beneath the ship also vertically.

Protection: The hull is armored with 7cm of overlapping atherniate oxinal plate. The Shark class is not as well protected as other Aquarian ships even though it uses a Mantellium defensive screen as its primary shield.

Triple

Subunits: 8 Pike attack craft; 2 SCL massive armored landing craft; 2 utility landing craft.

This battlecruiser is faster and more manuverable than other Aquarian ships. It uses dual oscillating neutron propulsion, but the addition of two outrigged Squid fusion boosters will allow it to match most modern warships.

OGI beleieves that the Aquarians have been building large numbers of Shark class vessels. A sizable proportion of Ack ships spotted by

Terran vessels have been this agile battlecruiser. It is believed that these Sharks are being manufactured in large numbers to expand attacks on the Entomalian home-

It can be assumed that like all Ack ships it carries large number of explosive and incendiary bombs.

