**Deidre**

**Starship**

**2020**

* Large capacity Star Ship designed for both Cargo and a limited number of passengers.
* The ship is a Caravan class vessel.
* Has an FTL worm drive. Must be outside system to jump.
* Has two in-system drive systems. One ION and one other.
* Emergency chemical fuel maneuvering system.
* Two power plants, for redundancy and so one can be worked on while the other is run.
* Emergency Backup Power System.
* Backup Battery system with Solar charging abilities to maintain power in-system.
* 6 cargo bays, 2 large and 4 medium + 6 small bays for ship use only.
* When caring passengers capacity varies , each medium cargo bay can carry 100 people optimum – only three can be converted. Large bays are open to space so they can’t be used for live cargo.
* Ships carry out four major mission types.
  + Colony Transport – A Colony and its initial items.
  + Cargo Transport.
  + Colony Cargo and Support Mission.
  + Combined Cargo and Passenger runs.
* It carries a crew of about
  + 16 Bridge Officers
  + 16 Engineering Officers
  + 4 Medical Officers
  + 5 Cargo Officers
  + 21 General Crew Persons
  + 10 Colony specialist if required.
  + Total
  + 72 – Give or take some in training, family members etc.

**History**

* The ship started out about three hundred years ago as a government vessel. Typically only very large companies, groups, or governments can afford ships. They are financed by very large bonds often by entire planets.
* Star Ships have been around long enough that there are a lot of them in service. Exterior and coach design may vary but power plant and propulsion units are standardized.
* Components are made by several companies and put together by final assemblers in ship yards, sort of like the early days of the automotive industry.