**Kepler-Class Interstellar Megaship.**

**First Joint Humanity’s Interstellar Vessel.**

**Owner: United LunaTerra.**

**Manufacturer: United LunaTerran Yards.**

**Hull Number: 95.**

**Identificator: KCIM.**

**Designer: Ceres Shipyards under supervision of United LunaTerra and Martian Technocratic Republic.**

**Fuel: 4 Modified Helium-3 Propulsion “Jackson Propulsion”.**

**Energy: Solar Panels, Helium-3 Fusion Reactor.**

**Drives: Faster-Than-Light (FTL) Reverse Engineered interstellar Engine. Maximal Acceleration of 1800 c.**

**Shielding: Reverse Engineered Energy Field**

**Sensor System: Mars MicroElectronics.**

**Navigation System: KEPLER-INAS (Interstellar Navigation Assisting Systems)**

**Armament: 30 Point Defences Anti-Missile**

**Minimum Crew: 5, Recommended : 46**

**Other Systems:**

* **Kepler Database**
* **Computer Interfece linked directly to Ship Systems**
* **Hybernation Chambers**
* **KEPLER-NCNAS (Normal Cruise Navigation Assisting Systems)**
* **Planetar Landers / Shuttles docks**

**FTL Travel.**

**Faster Than Light travel is similar to normal ship travel in vacuum. First step ship accelerates, which gives required momentum and time for crew to enter hybernations chambers. Second step is charging FTL drive. Third step ship starts slowly passing c speed reaching required speed depending on star’s distance from ship’s location.**

**Ship 50% of travel Accelerates after which spends 50% deaccelerating.**

**Energetic Field protects travellers from time dilations affection anything located inside the field. Crew in Hibernation experience minimal tidal forces consequences due to reverse engineered crytechnologies.**

**Cryotechnologies.**

**Alien Cryogenic Chambers work in Principe of near stopping atom momentum of anything inside chamber itself, Same principe as bread staying fresh longer in freezer. This gives ability for crew to travel vast distances with minimal aging in process. Some respected minds of ULT theorise total atom stop is possible making anything inside immortalized**

**Initial Concept Blueprint of Kepler-Class’s Design, Idea later was scrapped for smaller and more cheaper model. Such large ship was left for Generation ships later**