Kepler's Find

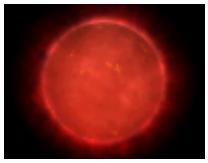
A system found long ago by an ancient astronomer in Jaspis' Great Conflict Era, Kepler's Find is located a few light-years west of the Two-Jaspis Spaceway and south-southeast of Essia System. Though not directly on the Spaceway, its location close to it makes it a potential pirating outpost and thus warrants the inclusion of it into the Abwehran Star Empire. As a bonus, the system boasts seven planetary bodies that had great economic purposes, but sadly no habitable planets for colonization.

History

In YE 45.1, the YSS Resurgence explored the Kepler's Find star system. It was the first ship from the Yamatai Star Empire to do so.

Star System Data

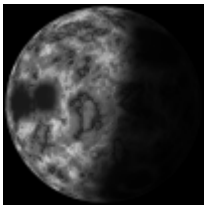
Kepler Prime



- Type: M8 V Red Dwarf
- Radius: 2.71 x 10^{5} (0.39 x sol)
- Mass: 5.51 x 10^{29} (0.28 x sol)
- Temperature: 2200 K
- Luminosity: 1.56 x 10^{25} (0.04 x sol)

Planetary Data

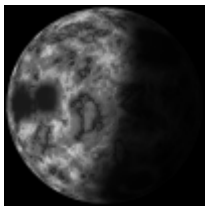
Kepler I

SEE: Kepler I 

- Type: Rock Planet

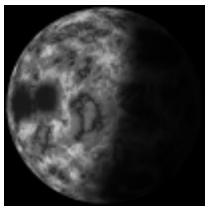
- Orbital Radius: 1.25 x 10^7 km (0.08 AU)
- Period: 4.02 x 10^2 hours (0.05 standard years)
- Gravity: 8.61 m/s^2 (0.88 Gs)

Kepler II

SEE: Kepler II 

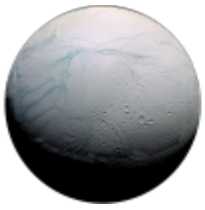
- Type: Rock Planet
- Orbital Radius: 5.63 x 10^7 km (0.38 AU)
- Period: 3.84 x 10^3 hours (0.44 standard years)
- Gravity: 13.17 m/s^2 (1.35 Gs)

Kepler III

SEE: Kepler III 

- Type: Rock Planet
- Orbital Radius: 9.79 x 10^7 km (0.65 AU)
- Period: 8.78 x 10^3 hours (1.01 standard years)
- Gravity: 8.5 m/s^2 (0.87 Gs)
- Special: Heavy Volcanism, planetary rings

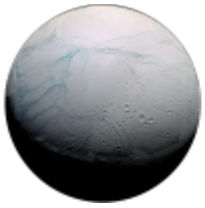
Kepler IV

SEE: Kepler IV 

- Type: Ice Planet
- Orbital Radius: 2 x 10^8 km (1.34 AU)
- Period: 2.57 x 10^4 hours (2.94 standard years)
- Gravity: 10.29 m/s^2 (1.05 Gs)

- Satellites:
  - Kepler IVa; R-Type Asteroid; 302,265 kilometers orbital radius; 240 hours orbital period
  - Kepler IVb;R-Type Asteroid; 468,692 kilometers orbital radius; 384 hours orbital period
  - Kepler IVc;R-Type Asteroid; 652,359 kilometers orbital radius; 624 hours orbital period
  - Kepler IVd;R-Type Asteroid; 932,189 kilometers orbital radius; 960 hours orbital period
  - Kepler IVe;R-Type Asteroid; 1,123,521 kilometers orbital radius; 1608 hours orbital period

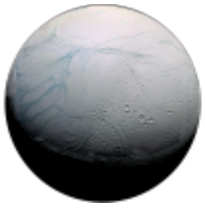
Kepler V



SEE: Kepler V

- Type: Ice Planet
- Orbital Radius: 3.87 x 10^8 km (2.59 AU)
- Period: 6.92 x 10^4 hours (7.91 standard years)
- Gravity: 11.94 m/s^2 (1.22 Gs)

Kepler VI



SEE: Kepler VI

- Type: Ice Planet
- Orbital Radius: 7.34 x 10^8 km (4.91 AU)
- Period: 1.81 x 10^5 hours (20.66 standard years)
- Gravity: 4.48 m/s^2 (0.46 Gs)
- Special Features: Methane seas

Celestial Data

Kepler's Ring

An asteroid field located between Kepler I and Kepler II, Kepler's Ring is a field comprised by asteroids with high mineral / ore contents.

- Type: Asteroid Belt
- Orbital Radius: 3.71 x 10^7 km (0.25 AU)
- Period: 2.05 x 10^3 hours (0.23 earth years)

Rumors and Events

Role Play Opportunities for Independent Plots and/or Rest & Relaxation Arcs in Factional Plots for all locations in the system.

YE 35

- To Be Created.

Map Locations	
Map to Use	Kikyo Sector
Map Display Name	Kepler's Find
Map Coordinates	1846,1594
Map Importance	Minor RP Location
Show label?	yes
Marker Anchor	Bottom Center

Places of the SARPiverse	
Place Categories	star system
Risk Level	safe