

EX-9 "Eudokia"

One of several close in systems to the galactic core that has been highlighted as a potential expansion point for exploration at the earliest available date. While not particularly of interest for colonization, initial long range scans indicated some anomalies that bear closer investigation.

System Data

Eudokia

Type	K6 V Orange Main Sequence
Radius	6.81 x 10e5 km
Mass	2.04 x 10e30 kg
Temperature	4000K
Luminosity	1.84 x 10e26 W

Eudokia Dua

Type	M7 V Red Dwarf
Distance	2.70 x 10e7 (.18 AU)
Radius	2.55 x 10e5 km
Mass	4.61 x 10e29 kg
Temperature	2300 K
Luminosity	1.59 x 10e25 W

Planetary Data

I

Type	Terrestrial World
Orbital Radius	8.22 x 10e7 km (.55AU)
Period	3.17 x 10e3 hours (.36 years)
Physics	Small Ocean
Gravity	13.39m/s2 (1.37g)
Hydrosphere	94% water, 1% ice
Atmosphere	Dense Breathable
Miscellaneous	Heavy, regular, volcanic activity. Large microbial presence.

* [Planetary Data](#)

II

Type	Water World
Orbital Radius	1.17 x 10e8 km (.78AU)
Period	5.4 x 10e3 hours (.62 years)
Physics	Standard Ocean
Gravity	4.66 m/s ² (.48g)
Hydrosphere	99% water, 49% ice
Atmosphere	Thin Breathable
Biosphere	Microbes, Algae
Miscellaneous	Only 1% of surface is landmass. Habitation very feasible thanks to large algae/microbe counts

* [Planetary Data](#)

III

Type	Rock Planet
Orbital Radius	1.65 x 10e8 km (1.11AU)
Period	9.07 x 10e3 hours (1.04 years)
Gravity	8.34 m/s ² (.85g)

IV

Type	Rock Planet
Orbital Radius	2.36 x 10e8 km (1.58 AU)
Period	1.54 x 10e4 hours (1.76 years)
Gravity	6.17 m/s ² (.63g)
Miscellaneous	5 Small Moons, no atmosphere

V

Type	Rock Planet
Orbital Radius	3.63 x 10e8 km (2.43AU)
Period	2.94 x 10e4 hours (3.37 years)
Gravity	9.2 m/s ² (.94g)
Miscellaneous	Advanced alien artifact present, in wreckage of crashed ship.

VI

Type	Ice Planet
Orbital Radius	6.87 x 10e8 km (4.59AU)
Period	7.67 x 10e4 (8.78 years)
Gravity	4.92 m/s ² (.44g)

VII

Type	Ice Planet
Orbital Radius	1.25 x 10e9 km (8.36AU)
Period	1.89 x 10e5 hours (21.56 years)
Gravity	7.14 m/s2 (.73g)
Miscellaneous	Crashed remains from a starship, similar patterns to starship on V.

VIII

Type	Ice Planet
Orbital Radius	2.55 x 10e9 km (17.05AU)
Period	5.49 x 10e5 hours (62.75 years)
Gravity	16.99 m/s2 (1.74g)

IX

Type	Ice Planet
Orbital Radius	4.94 x 10e9 km (33.25AU)
Period	1.49 x 10e6 hours (170.92 years)
Gravity	14.61 m/s2 (1.49g)

X

Type	Ice Planet
Orbital Radius	9.52 x 10e9 km (63.65 AU)
Period	3.96 x 10e6 hours (452.71 years)
Gravity	3.18 m/s2 (.33g)
Miscellaneous	Electromagnetic storms covering the entire planets surface.
Places of the SARPiverse	
Place Categories	star system

From:

<https://wiki.stararmy.com/> - **STAR ARMY**

Permanent link:

<https://wiki.stararmy.com/doku.php?id=system:eudokia>Last update: **2023/12/20 18:22**