**DOCUMENT UNIVERSE**

**FOR KERA**

**STAR SYSTEM**

**VAKHADOLIT**

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Version : 1.0

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**SYSTEM VAKHADOLIT**

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| QUICK DATA ABOUT VAKHADOLIT | |
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| --- | --- |
| Name | Theia |
| Type | Star-Red Dwarf |
| Radius | 7.65 x 105 km (1.10 x sol) |
| Mass | 2.18 x 1030 kg (1.10 x sol) |
| Temperature | 5000 Kelvin |
| Luminosity | 4.80 x 1026 watts (1.25 x sol) |

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| --- | --- |
| Name | Zyrius |
| Type | Rock Planet |
| Orbital Radius | 6.40 x 107 km (0.43 AU) |
| Period | 2.34 x 103 hours (0.27 earth years) |
| Gravity | 2.36 m/s2  (0.24 x earth) |

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| --- | --- |
| Name | Kaukai |
| Type | Rock Planet |
| Orbital Radius | 1.07 x 108 km (0.72 AU) |
| Period | 5.05 x 103 hours (0.58 earth years) |
| Gravity | 8.79 m/s2 (0.90 x earth) |
| Special | Trace atmosphere, Wreckage of many starships and abandonned facilities |

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| --- | --- |
| Name | Vakhadolit III |
| Type | Terrestrial World |
| Orbital Radius | 1.40 x 108 km (0.94 AU) |
| Period | 7.54 x 103 hours (0.86 earth years) |
| Physics | Large iron/Silicate |
| Gravity | 13.22 m/s2 (1.35 x earth) |
| Physics | Large iron/silicate |
| Hydrosphere | 45 % water, 8 % ice |
| Atmosphere | Standard toxic |
| Biosphere | Prokaryotc microbes, |
| Special | Electromagnetic storms/Heavy radiation |

|  |  |
| --- | --- |
| Name | Vakhadolit IV |
| Type | Terrestrial World |
| Orbital Radius | 2.03 x 108 km (1.36 AU) |
| Period | 1.32 x 104 hours (1.51 earth years) |
| Physics | Standard iron/silicate |
| Gravity | 8.96 m/s2 (0.92 x earth) |
| Hydrosphere | 4 % water, 25 % ice |
| Civilisation | Humans.Military outpost and facilities for soldiers training |
| Atmosphere | Reduced & thin |
| Special | Heavy radiation / Mutants plants |

|  |  |
| --- | --- |
| Name | Chelone Primus |
| Type | Rock Planet |
| Orbital Radius | 3.81 x 108 km (2.55 AU) |
| Period | 3.40 x 104 hours (3.89 earth years) |
| Gravity | 2.42 m/s2 (0.25 x earth) |
| Special | Many unknown artifacts |

|  |  |
| --- | --- |
| Name | Black Titan |
| Type | Jovian Planet |
| Orbital Radius | 1.21 x 109 km (8.11 AU) |
| Period | 1.93 x 105 hours (22.06 earth years) |

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| --- | --- |
| Name | Aleyron’s asteroid belt |
| Type | Asteroid Belt |
| Orbital Radius | 6.51 x 108 km (4.35 AU) |
| Period | 7.57 x 104 hours (8.66 earth years) |