

UX-7

UX-7 is a rare binary star system home to an primitive alien race that has not yet been discovered. The aliens live on [the first planet](#). It is part of the [UX Series Star Systems](#).

In [YE 35](#) the [Scientific Studies Service \(SSS\)](#) deployed a *Ke-P6-02a Bisen Lighthouse* in orbit above planet UX-7 I at the request of the [Star Army of Yamatai](#) to allow observation of the lifeforms below.

Scientific Data

Star

- K2 V Orange Main Sequence
- Radius 6.75×10^5 km (0.97 x sol)
- Mass 1.99×10^{30} kg (1.00 x sol)
- Temperature 4600 K
- Luminosity 1.59×10^{26} W (0.42 x sol)

Close Companion

- K4 IV Orange Subgiant
- Distance 1.27×10^8 km (0.85 AU)
- Radius 1.71×10^6 km (2.46 x sol)
- Mass 1.88×10^{30} kg (0.95 x sol)
- Temperature 4300 K
- Luminosity 4.23×10^{27} W (11.06 x sol)

UX-7 I

- Terrestrial World
- Orbital Radius 4.19×10^8 km (2.80 AU)
- Period 2.93×10^4 hours (3.36 earth years)
- Physics Standard iron/silicate
- Gravity 9.64 m/s² (0.99 x earth)
- Hydrosphere 8 % water, 4 % ice
- Atmosphere Standard toxic
- Biosphere Microbes, fungi, sentient humanoids
- Civilization Alien Homeworld

II



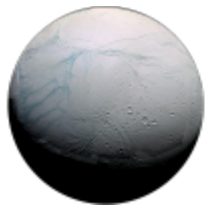
- Rock Planet
- Orbital Radius 7.16×10^8 km (4.79 AU)
- Period 6.56×10^4 hours (7.51 earth years)
- Gravity 12.94 m/s² (1.32 x earth)

III



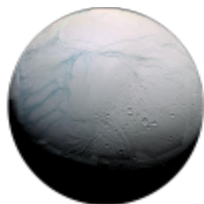
- Rock Planet
- Orbital Radius 1.51×10^9 km (10.08 AU)
- Period 2.00×10^5 hours (22.93 earth years)
- Gravity 11.00 m/s² (1.12 x earth)
- Special Trace atmosphere

IV



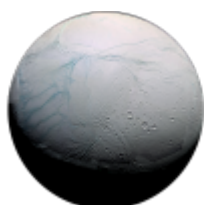
- Ice Planet
- Orbital Radius 2.68×10^9 km (17.91 AU)
- Period 4.75×10^5 hours (54.29 earth years)
- Gravity 18.26 m/s² (1.87 x earth)
- Special Wreckage of a crashed starship

V



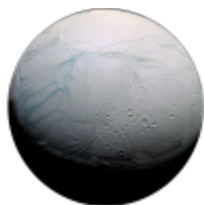
- Ice Planet
- Orbital Radius 5.51×10^9 km (36.86 AU)
- Period 1.40×10^6 hours (160.37 earth years)
- Gravity 6.10 m/s² (0.62 x earth)

VI



- Ice Planet
- Orbital Radius 1.08×10^{10} km (71.98 AU)
- Period 3.83×10^6 hours (437.55 earth years)
- Gravity 2.59 m/s² (0.27 x earth)
- Special 3 small moons

VII



- Ice Planet
- Orbital Radius 2.15×10^{10} km (143.46 AU)
- Period 1.08×10^7 hours (1231.19 earth years)
- Gravity 11.64 m/s² (1.19 x earth)
- Heavy volcanism

Map Locations	
Map to Use	Kikyo Sector
Map Display Name	UX-7
Map Coordinates	772, 635
Map Importance	Minor RP Location
Show label?	yes

Map Locations	
Marker Anchor	Bottom Center
Places of the SARPiverse	
Place Categories	star system

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