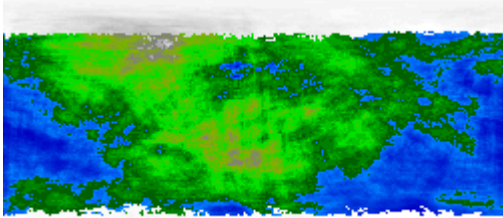


# UX-4 I

UX-4 I is a planet in the [UX-4 System](#). It is secretly used as a hidden base by a pirate and/or [Smuggling](#) faction.



In [YE 35](#) the [Scientific Studies Service \(SSS\)](#) deployed a [Ke-P6-01a Bisen Lighthouse](#) on the surface of the planet at the request of the [Star Army of Yamatai](#). It is located near the equator.

## Data

### Physics

- Type Large iron/silicate
- Radius 10284.33 km (1.61 x earth)
- Surface Area  $1.33 \times 10^9$  km<sup>2</sup>
- Land Area  $8.64 \times 10^8$  km<sup>2</sup> (5.80 x earth)
- Mass  $2.37 \times 10^{25}$  kg (3.97 x earth)
- Density 5.20 g/cm<sup>3</sup> (0.94 x earth)
- Composition 35.5% iron, 28.3% oxygen, 20.7% silicon, 10.2% nickel, 4.4% sulphur, 0.1% other metals, 0.7% other elements

### Gravimetry

- Gravity 14.88 m/s<sup>2</sup> (1.52 x earth)
- Escape Velocity 17.50 km/s
- Rotation
- Period 18.41 hours
- Axis Tilt 43.06 °

### Hydrosphere

- Water 36 %
- Ice 29 %

## Atmosphere

- Type Dense toxic
- Pressure 224.32 kPa (2.21 x earth)
- Composition 48.4% carbon dioxide, 35.4% argon, 16.2% oxygen, trace other gases

## Climate

- Type Cool
- Min Temp 234 K (-38 °C)
- Avg Temp 288 K (15 °C)
- Max Temp 325 K (52 °C)

## Biosphere

- Chemistry Carbon
- Lifeforms Microbes, algae

## Civilization

- Type Pirate/Smuggler Base
- Population 5546
- Tech Level Spacefaring (orbital spacecraft, cybernetics, laser weapons)

## Special

- Electromagnetic storms

Places of the SARPiverse	
Place Categories	planet
Risk Level	low

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