

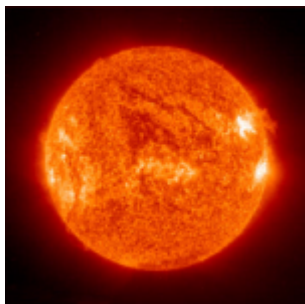
HX-24 Star System

HX-24 is located a few light-years to the Galactic Southwest of [System HX-23](#). It was not surveyed until [YE 35](#). There is a habitable planet in this system, [Urtullan](#).

Star System Data

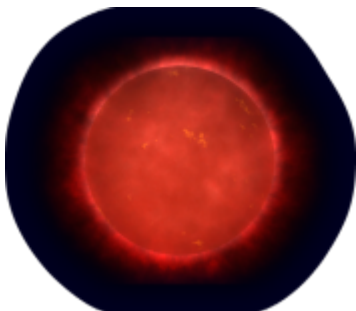
This section contains technical data on the objects in this star system.

Star Data



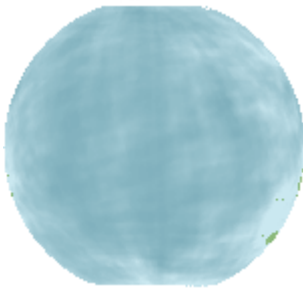
- Type: G7 V Yellow Main Sequence
- Radius: 7.37×10^5 km (1.06 x sol)
- Mass: 1.95×10^{30} kg (0.98 x sol)
- Temperature: 5200 K
- Luminosity: 4.78×10^{26} W (1.25 x sol)

Close Companion



- Type: M5 IV Red Subgiant
- Distance: 1.36×10^8 km (0.91 AU)
- Radius: 1.65×10^6 km (2.37 x sol)
- Mass: 1.69×10^{30} kg (0.85 x sol)
- Temperature: 2700 K
- Luminosity: 4.59×10^{27} W (12.00 x sol)

HX-24 I



- Type: Terrestrial World
- Orbital Radius: 5.15×10^8 km (3.44 AU)
- Period: 4.13×10^4 hours (4.72 earth years)
- Physics: Small ocean
- Gravity: 5.43 m/s² (0.55 x earth)
- Hydrosphere: 80 % water, 25 % ice
- Atmosphere: Standard breathable
- Biosphere: Prokaryotic microbes
- Civilization: Colony
- Special: Ruins of an ancient civilization, wreckage of a crashed starship

HX-24 II



- Type: Rock Planet
- Orbital Radius: 1.09×10^9 km (7.27 AU)
- Period: 1.27×10^5 hours (14.50 earth years)
- Gravity: 6.73 m/s² (0.69 x earth)
- Special: 5 small moons, heavy volcanism

HX-24 III



- Type: Rock Planet

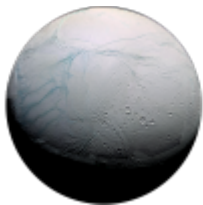
- Orbital Radius: 1.92×10^9 km (12.80 AU)
- Period: 2.96×10^5 hours (33.88 earth years)
- Gravity: 6.65 m/s² (0.68 x earth)
- Special: Electromagnetic storms

HX-24 IV



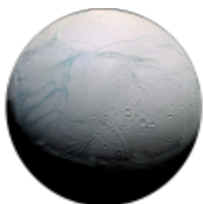
- Type: Asteroid Belt
- Orbital Radius: 4.19×10^9 km (28.00 AU)
- Period: 9.58×10^5 hours (109.57 earth years)

HX-24 V



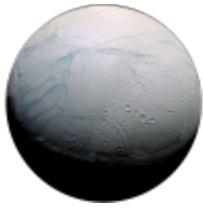
- Type: Ice Planet
- Orbital Radius: 7.83×10^9 km (52.35 AU)
- Period: 2.45×10^6 hours (280.16 earth years)
- Gravity: 1.50 m/s² (0.15 x earth)
- Special: Electromagnetic storms

HX-24 VI



- Type: Ice Planet
- Orbital Radius: 1.60×10^{10} km (106.81 AU)
- Period: 7.14×10^6 hours (816.40 earth years)
- Gravity: 1.59 m/s² (0.16 x earth)

HX-24 VII



- Type: Ice Planet
- Orbital Radius: 3.48×10^{10} km (232.29 AU)
- Period: 2.29×10^7 hours (2618.49 earth years)
- Gravity: 7.52 m/s² (0.77 x earth)

HX-24 VIII



- Type: Asteroid Belt
- Orbital Radius: 6.71×10^{10} km (448.59 AU)
- Period: 6.14×10^7 hours (7026.92 earth years)

HX-24 IX



- Type: Uranian Planet
- Orbital Radius: 1.23×10^{11} km (824.87 AU)
- Period: 1.53×10^8 hours (17521.50 earth years)
- Gravity: 13.20 m/s² (1.35 x earth)
- Special: 11 small moons, 5 large moons

OOC Notes

This page was originally created on 2013/01/29 08:37 by [Wes](#) for the [YSS Eucharis](#) plot (Mission 18.2).

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Place Categories	star system

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Last update: **2023/12/27 15:04**

