

HX-5

HX-5 is one of the twenty systems charted by [Taisa Hanako](#) while she commanded the [YSS Elfin Princess](#) in [YE 30](#). It is an unusual system because it has two stars.

History

In [YE 32](#), [YSS Eucharis](#) placed an [Orbital Geological Survey Platform](#) in orbit of a habitable moon of the system's gas giant. This effectively served as a claim to the system and helps define Yamatai's southeast border (YSS Eucharis Mission 11).

After a rescue mission to [Mitsuya System](#) the heavily-damaged Eucharis stopped at HX-5 to recover (YSS Eucharis Mission 15).

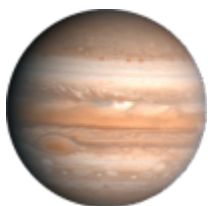
In [YE 42](#), something or someone attempted to board the survey platform and its anti-tampering detectors activated its self-destruct system¹⁾.

Data

HX-5

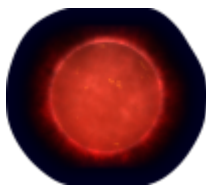
- Type F5 V Yellow-white Main Sequence
- Radius 9.01×10^5 km (1.29 x sol)
- Mass 3.34×10^{30} kg (1.68 x sol)
- Temperature 6700 K
- Luminosity 1.94×10^{27} W (5.07 x sol)

I



- Type Jovian Planet
- Orbital Radius 4.83×10^7 km (0.32 AU)
- Period 1.24×10^3 hours (0.14 earth years)
- Gravity 41.18 m/s^2 (4.21 x earth)
- Special Planetary rings, 14 small moons, 4 large moons

Distant Companion



- Type M6 V Red Dwarf Star
- Distance 1.80×10^8 km (1.21 AU)
- Radius 2.76×10^5 km (0.40 x sol)
- Mass 5.81×10^{29} kg (0.29 x sol)
- Temperature 2400 K
- Luminosity 2.05×10^{25} W (0.05 x sol)

Places of the SARPiverse	
Place Categories	star system

1)

<https://stararmy.com/roleplay-forum/threads/orbital-platform-explodes-over-hx-5.65538/>

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