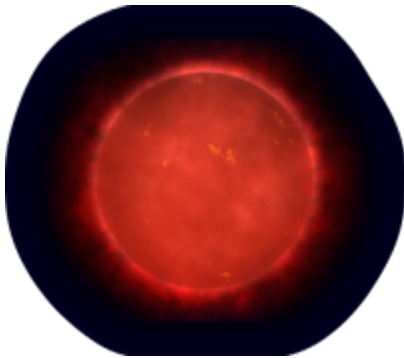


HX-16

HX-16 is one of the twenty systems charted by [Taisa Hanako](#) while she commanded the [YSS Elfin Princess](#) in [YE 30](#).

Star



- Type M1 V Red Dwarf
- Radius 2.82×10^5 km (0.40 x sol)
- Mass 6.17×10^{29} kg (0.31 x sol)
- Temperature 3200 K
- Luminosity 2.04×10^{25} W (0.05 x sol)

I



- Type Terrestrial World
- Orbital Radius 2.63×10^7 km (0.18 AU)
- Period 1.15×10^3 hours (0.13 earth years)
- Physics Large ocean
- Hydrosphere 90 % water, 1 % ice
- Atmosphere Dense toxic
- Biosphere Prokaryotic microbes
- Special 4 small moons, advanced alien artifact

II



- Rock Planet
- Orbital Radius 4.61×10^7 km (0.31 AU)
- Period 2.69×10^3 hours (0.31 earth years)
- Gravity 14.35 m/s^2 (1.47 x earth)
- Special Wreckage of a crashed starship

III



- Type Rock Planet
- Orbital Radius 6.43×10^7 km (0.43 AU)
- Period 4.42×10^3 hours (0.51 earth years)
- Gravity 1.51 m/s^2 (0.15 x earth)

IV



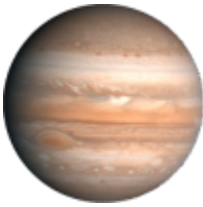
- Type Rock Planet
- Orbital Radius 1.06×10^8 km (0.71 AU)
- Period 9.36×10^3 hours (1.07 earth years)
- Gravity 10.32 m/s^2 (1.06 x earth)
- Special Heavy volcanism, trace atmosphere

V



- Type Asteroid Belt
- Orbital Radius 1.82×10^8 km (1.22 AU)
- Period 2.11×10^4 hours (2.42 earth years)

VI



- Type Jovian Planet
- Orbital Radius 3.33×10^8 km (2.23 AU)
- Period 5.21×10^4 hours (5.97 earth years)
- Gravity 5.73 m/s^2 (0.59 x earth)
- Special 26 small moons

VII



- Type Uranian Planet
- Orbital Radius 6.34×10^8 km (4.24 AU)
- Period 1.37×10^5 hours (15.68 earth years)
- Gravity 8.16 m/s^2 (0.83 x earth)
- Special 3 large moons

VIII



- Type Asteroid Belt
- Orbital Radius 1.20×10^9 km (8.05 AU)
- Period 3.59×10^5 hours (41.01 earth years)

HX 16 I

- HX-16 I

Physics

- Type Large ocean
- Radius 8540.45 km (1.34 x earth)
- Surface Area 9.17×10^8 km²
- Land Area 1.01×10^8 km² (0.68 x earth)
- Mass 1.43×10^{25} kg (2.40 x earth)
- Density 5.50 g/cm³ (1.00 x earth)
- Composition 27.3% iron, 24.1% silicon, 23.9% oxygen, 16.9% titanium, 7.9% other metals, trace other elements

Gravimetry

- Gravity 13.07 m/s² (1.34 x earth)
- Escape Velocity 14.94 km/s
- Rotation
- Period 25.83 hours
- Axis Tilt 47.79 °

Hydrosphere

- Water 90 %
- Ice 1 %

Atmosphere

- Type Dense toxic
- Pressure 178.41 kPa (1.76 x earth)
- Composition 83.7% sulfur dioxide, 16.3% oxygen, trace other gases

Climate

- Type Standard

- Min Temp 260 K (-12 °C)
- Avg Temp 300 K (27 °C)
- Max Temp 351 K (77 °C)

Biosphere

- Chemistry Carbon
- Lifeforms Prokaryotic microbes

Special Features

- 4 small moons, advanced alien artifact

Places of the SARPiverse	
Place Categories	star system

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