

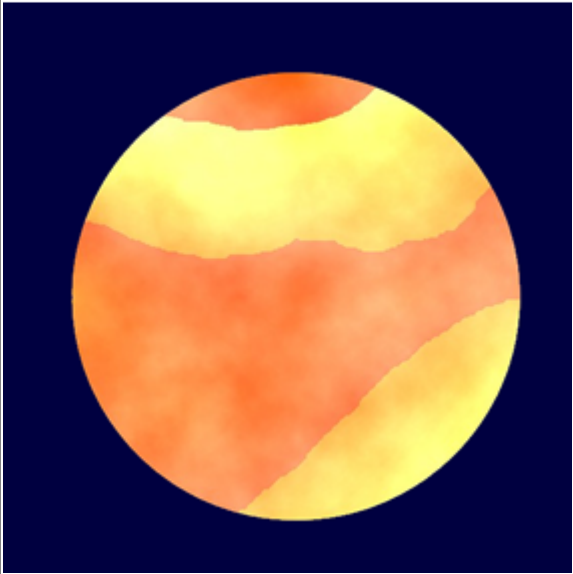
System HX-21

HX-21 is a binary star system southwest of the [Samurai Sector](#) that was visited by the [Eucharis](#) in [YE 31](#) and in [YE 35](#).



Binary Stars

Primary:

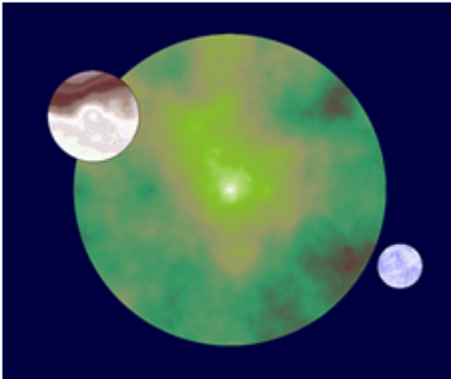
Heading	Details
Type:	K0 (Spectral Class)
Size:	V
Stellar radii:	.908
Stellar mass:	.825
Temp:	4,900 ^o K
Image	

Companion (White dwarf)

Heading	Details
Type:	DA (Spectral Class)

Heading	Details
Stellar radii:	.017
Stellar mass:	.36
Temp:	14,000° K
Stellar radius:	.2 AU
Length of year:	.1 years (35.97 days)
Image	

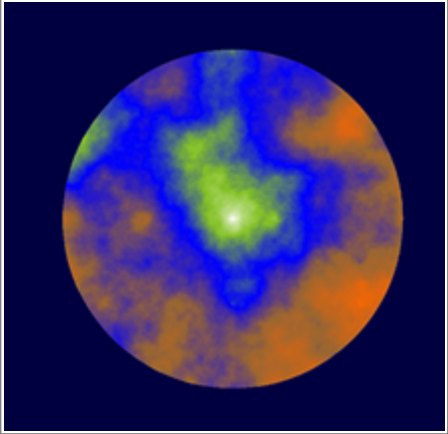
Planet 1

Heading	Details
Type:	Terrestrial
Stellar radius:	.4 AU
Planetary radius:	6,093 km
Surface gravity:	.840 G
Escape Velocity:	8.72 km/sec
Rotation (day):	hr
Length of year:	.28 years (101.73 days)
Number of satellites:	2
Image	

Average temp: 183.88° C This planet's atmosphere is composed of carbon dioxide, methane, and nitrogen.

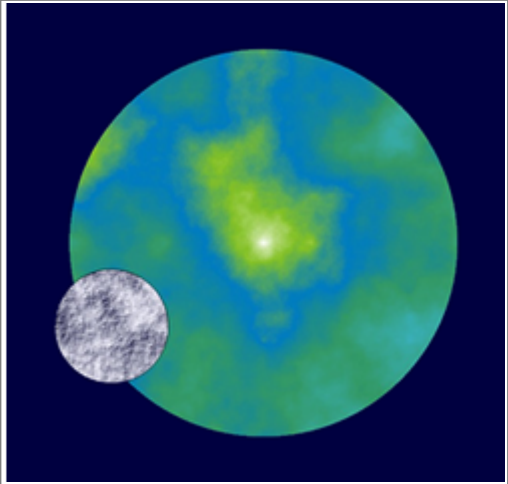
Planet 2

Heading	Details
Type:	Terrestrial
Stellar radius:	.7 AU
Planetary radius:	5,312 km
Surface gravity:	.625 G

Heading	Details
Escape Velocity:	6.87 km/sec
Rotation (day):	hr
Length of year:	.64 years (235.51 days)
Number of satellites:	0
Image	

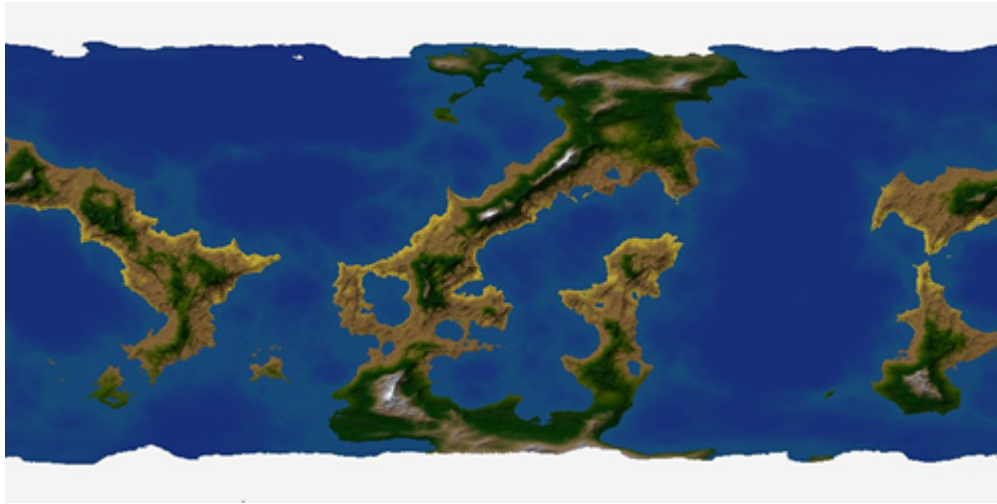
Average temp: 43.54° C This planet's atmosphere is composed of nitrogen, oxygen, and carbon dioxide. It has dense clouds with high concentrations of carbonic acid.

Planet 3

Heading	Details
Type:	Terrestrial
Stellar radius:	1 AU
Planetary radius:	9,649 km
Surface gravity:	1.12 G
Escape Velocity:	12.35 km/sec
Rotation (day):	hr
Length of year:	1.1 years (402.13 days)
Number of satellites:	1
Image	

Average temp: 15.90° C This planet's atmosphere is nitrogen, oxygen, and trace elements. The polar

regions are ice covered, which covers approximately twenty-five percent of the surface. Oceans cover sixty-five percent of the surface. Land masses account for thirty-five percent of the surface, there are four major landmasses, and numerous chains of islands. Plant life is abundant. Oceans support a variety of marine life forms. A variety of simple animals are present on the land masses.



In [YE 34](#), someone left the following on the surface:

- 10 Civilian Space Suits (a little bulky; 6 hour air supply) (Pirating Ultra Variety, TC: 32-67, IC: 1049-660-93)
- Acoustic Guitar, perfect condition (Pirating Ultra Variety, TC: 9-20, IC: 111-2037-18)
- AIR1b (Pirating Ultra Variety, TC: 3-96, IC: 63-3801-94)
- Airlock for starship hull (damaged) (Pirating Ultra Variety, TC: 58-82, IC: 3363-7519-137)
- Ammunition Crate, 7×15/20 mm boat-tail tapered dart (LASR) (Pirating Ultra Variety, TC: 13-55, IC: 213-4292-66)
- Anti-gravity generator (Pirating Ultra Variety, TC: 81-6, IC: 6618-231-77)
- Anti-Insect (Large Area) (Pirating Ultra Variety, TC: 42-9, IC: 1821-930-41)
- Antimatter Munitions Launcher (Pirating Ultra Variety, TC: 32-94, IC: 1049-8799-117)
- A pencil (Pirating Ultra Variety, TC: 33-96, IC: 1113-3417-122)
- Bacterial Power Cell (irreparable) (Pirating Ultra Variety, TC: 97-67, IC: 9466-2871-161)
- Barrel of Yamataian Rum (Pirating Ultra Variety, TC: 6-77, IC: 87-1212-77)
- Bartender's Cabinet (Pirating Ultra Variety, TC: 32-88, IC: 1081-1025-116)
- Bass Guitar (missing strings) (Pirating Ultra Variety, TC: 21-71, IC: 351-341-81)
- Big Box of Books (A Whole Lot of Novels, and One Instruction Book) (Pirating Ultra Variety, TC: 46-30, IC: 2127-1287-68)
- Box of 20 Type 30 Scalar Pulse Grenade (White body with orange stripe) (Pirating Ultra Variety, TC: 34-28, IC: 1179-2577-60)
- Box of bottled cleaning chemicals (Pirating Ultra Variety, TC: 70-25, IC: 4957-1957-89)
- Box of Data Storage Devices - Contains Encrypted and Fragmented Data (Pirating Ultra Variety, TC: 82-39, IC: 6781-447-113)
- Box of Pornographic Magazines (Pirating Ultra Variety, TC: 27-54, IC: 759-2541-71)
- Box of small viewscreens (Pirating Ultra Variety, TC: 92-11, IC: 6037-937-92)
- Broken Drumsticks (Pirating Ultra Variety, TC: 42-63, IC: 1275-3333-94)
- Case of 30,000 condoms (Pirating Ultra Variety, TC: 39-43, IC: 1539-1691-75)
- Chilled nuclear-materials container containing Uranium (Pirating Ultra Variety, TC: 42-92, IC:

1821-4749-127)

- Classy briefcases (Pirating Ultra Variety, TC: 88-35, IC: 7801-2472-117)
- Crate of exotic spices (insert planet here) (Pirating Ultra Variety, TC: 66-40, IC: 4347-1337-99)
- Crate of exotic spices (insert planet here) (Pirating Ultra Variety, TC: 66-98, IC: 4347-5839-157)
- Crate of Helashio Liquor (Pirating Ultra Variety, TC: 37-62, IC: 1389-1049-90)
- Crate of Lorath Missiles - M-Size (Pirating Ultra Variety, TC: 71-89, IC: 5098-4062-151)
- Crate of Lorath Missile Warheads - Antimatter (Pirating Ultra Variety, TC: 74-6, IC: 5533-99-71)
- Crate of Mail (Pirating Ultra Variety, TC: 80-1, IC: 6377-112-76)
- Crate of Printed Material (Pirating Ultra Variety, TC: 95-64, IC: 9082-2041-154)
- Crate of refined metal (Pirating Ultra Variety, TC: 77-31, IC: 5986-2723-103)
- Crate of Wartime Rations (Pirating Ultra Variety, TC: 78-1, IC: 6141-131-74)
- Electric fan (Pirating Ultra Variety, TC: 47-59, IC: 2266-3184-99)
- Electric Guitar with Broken Neck (Pirating Ultra Variety, TC: 4-57, IC: 65-855-50)
- Em-01 Hydrogen Car (Pirating Ultra Variety, TC: 83-42, IC: 6946-2745-121)
- Emergency Hemosynthetic Material Container (Pirating Ultra Variety, TC: 43-83, IC: 1906-2381-124)
- Expensive designer swimsuits (female) (Pirating Ultra Variety, TC: 96-15, IC: 9273-312-104)
- Expensive Novelty Attire ("A Fine Example of Leather Crafting and Erotic Design") (Pirating Ultra Variety, TC: 18-32, IC: 363-217-42)
- Handheld communicator/camera with photos and diary stored on it (Pirating Ultra Variety, TC: 86-24, IC: 7453-2169-100)
- High Quality Drumsticks (Pirating Ultra Variety, TC: 45-78, IC: 1452-7389-112)
- Illegal drugs/boosters (!?) (Pirating Ultra Variety, TC: 66-44, IC: 4413-2433-103)
- Intact medical kit (Pirating Ultra Variety, TC: 23-37, IC: 586-1833-56)
- Intact medical kit (Pirating Ultra Variety, TC: 24-45, IC: 609-2262-65)
- Large Liquid Hydrogen Tank (truck trailer size) (Pirating Ultra Variety, TC: 34-69, IC: 1179-4680-97)
- Large viewscreen, some scratches but mostly okay (Pirating Ultra Variety, TC: 91-71, IC: 8338-7228-152)
- Laser Array (Pirating Ultra Variety, TC: 40-3, IC: 1657-252-38)
- Lo-Car - Extreme Edition (Hybrid Vehicle... Electric-Plasma... Very Fast) (Pirating Ultra Variety, TC: 90-98, IC: 8067-1331-179)
- Lorath experimental space vessel. (Powered down, may contain cryogenically frozen crew.) (Pirating Ultra Variety, TC: 96-66, IC: 9273-3885-159)
- Manicure/Pedicure Kit (Pirating Ultra Variety, TC: 90-11, IC: 5817-453-90)
- Medium Jewelry Box (Empty) (Pirating Ultra Variety, TC: 59-38, IC: 3538-1007-89)
- Men's Work Clothing (Pirating Ultra Variety, TC: 27-41, IC: 759-1984-62)
- Miscellaneous DRIP Drive components (Pirating Ultra Variety, TC: 80-60, IC: 6457-2097-130)
- Motor-Assisted Bicycle (Pirating Ultra Variety, TC: 43-86, IC: 1906-8227-120)
- Music Data Disk/Album (mod decides what of) (Pirating Ultra Variety, TC: 33-8, IC: 783-537-30)
- NAM Briefcase (Pirating Ultra Variety, TC: 63-61, IC: 4026-3107-119)
- NovaCorp Xaser Assault Rifle (XAR) (Pirating Ultra Variety, TC: 51-8, IC: 2607-729-57)
- Novelty Shirt, Band (AETHER SPERM, NUCLEAR ELECTRIC DEATH EAGLE TOUR T-SHIRT, MORE LIKE AWESOME SHIRT) (Pirating Ultra Variety, TC: 8-87, IC: 113-3798-87)
- Novelty Shirt, Commercial (United Manufacturing Cooperative - Building The Home of Freedom) (Pirating Ultra Variety, TC: 10-42, IC: 147-3123-44)
- Partially burnt cushion (Pirating Ultra Variety, TC: 20-49, IC: 437-3487-65)
- Portable Medical Scanner PMS-1M (Pirating Ultra Variety, TC: 52-74, IC: 2761-1833-124)
- PRISM Inert Organic Storage Unit (Pirating Ultra Variety, TC: 76-26, IC: 5757-1539-92)
- PRISM Software (Pirating Ultra Variety, TC: 70-50, IC: 4887-1357-116)

- Ranged Gatling Weapon Ammunition Belt (Pirating Ultra Variety, TC: 79-83, IC: 6298-7278-159)
- Section of catwalk (Pirating Ultra Variety, TC: 49-89, IC: 2409-8601-128)
- Sharp shard of starship armor (Pirating Ultra Variety, TC: 5-98, IC: 77-7799-99)
- Sheet Music (mod decides what of) (Pirating Ultra Variety, TC: 30-67, IC: 687-2737-86)
- Ship's armory (Pirating Ultra Variety, TC: 95-91, IC: 9082-3060-182)
- Single Instruction Book ("The Guide To Peaceful Expression" - Learn Basic Art & Vocation Concepts!) (Pirating Ultra Variety, TC: 26-53, IC: 707-3661-71)
- SSCC-XL containing Actinium (Pirating Ultra Variety, TC: 1-44, IC: 57-3797-45)
- SSCC-XL containing Antimony (Pirating Ultra Variety, TC: 4-51, IC: 69-465-55)
- SSCC-XL containing Cobalt (Pirating Ultra Variety, TC: 20-58, IC: 437-3885-78)
- SSCC-XL containing Hydrogen (Pirating Ultra Variety, TC: 36-3, IC: 1317-240-39)
- SSCC-XL containing Livermorium (Pirating Ultra Variety, TC: 45-57, IC: 2037-4332-102)
- SSCC-XL containing Phosphorus (Pirating Ultra Variety, TC: 60-21, IC: 3657-456-81)
- SSCC-XL containing rice (Pirating Ultra Variety, TC: 73-8, IC: 5386-201-80)
- SSCC-XL containing rice (Pirating Ultra Variety, TC: 73-97, IC: 5386-9563-169)
- SSCC-XL containing rock phosphate (Pirating Ultra Variety, TC: 75-24, IC: 5682-2001-98)
- SSCC-XL containing soybeans (Pirating Ultra Variety, TC: 83-63, IC: 6946-2388-145)
- SSCC-XL containing Strontium (Pirating Ultra Variety, TC: 80-84, IC: 6457-4761-164)
- SSCC-XL containing Thulium (Pirating Ultra Variety, TC: 88-43, IC: 7801-2723-131)
- SSCC-XL containing Uranium (Pirating Ultra Variety, TC: 93-43, IC: 8706-1347-136)
- SSCC-XL containing wheat (Pirating Ultra Variety, TC: 97-71, IC: 9466-5169-167)
- Steel Bulkhead (intact) (Pirating Ultra Variety, TC: 54-76, IC: 2919-513-127)
- Subspace transceiver, ship (Pirating Ultra Variety, TC: 85-58, IC: 7282-1333-133)
- Survival kit (Pirating Ultra Variety, TC: 41-99, IC: 1697-354-130)
- Type 30 Accelerated Charged Plasma Scatter Gun (Pirating Ultra Variety, TC: 84-19, IC: 7029-437-101)
- Type 30 Nekovalkyrja Service Pistol (Pirating Ultra Variety, TC: 90-86, IC: 8157-8657-174)
- Various Medicines (Pirating Ultra Variety, TC: 26-39, IC: 707-3099-59)
- WATER2a (Broken) (Pirating Ultra Variety, TC: 7-19, IC: 99-570-21)

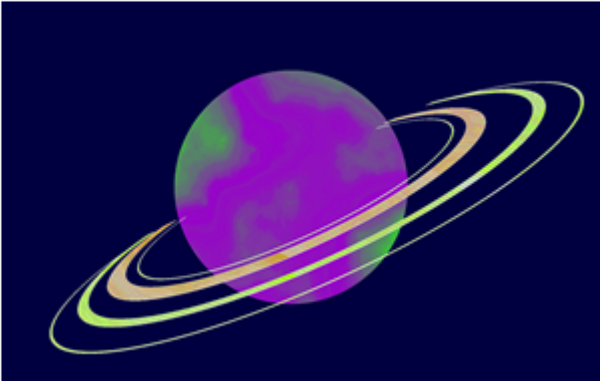
Planetoid belt

Heading	Details
Type:	Planetoid belt
Stellar radius:	1.6 AU

General composition rock, dust, and various metals. Some of the larger objects have ice deposits.

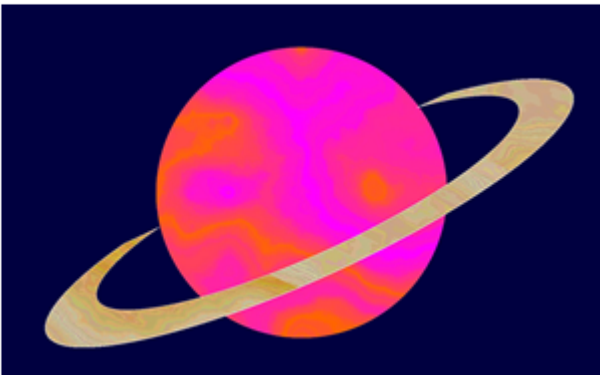
Planet 4

Heading	Details
Type:	Small Gas Giant
Stellar radius:	10.0 AU
Planetary radius:	31,000 km
Length of year:	34.82 years (12,716.37 days)

Heading	Details
Number of satellites:	4 moons 4 rings
Image	

Composition hydrogen, and helium.

Planet 5

Heading	Details
Type:	Large Gas Giant
Stellar radius:	38.8 AU
Planetary radius:	71,000 km
Length of year:	266.09 years (97,187.60 days)
Number of satellites:	7 moons 1 ring
Image	

Composition hydrogen, helium and neon.

Places of the SARPiverse	
Place Categories	star system

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