

Draco Eridanus System

The Draco Eridanus System is rich in asteroids and natural resources. It is controlled by the [Mining Guild](#).

Information about the corporation's mining operations can be found [here](#).

Star Data

The star of the Draco Eridanus system is an A5 III White Giant star.



- Name: Draco Eridanus
- Type: A5 III White Giant
- Mass: 7.45×10^{30} kg ($3.74 \times \text{sol}$)
- Radius 7.33×10^6 km ($10.54 \times \text{sol}$)
- Temperature 8600 K
- Luminosity 3.86×10^{28} W ($100.97 \times \text{sol}$)

System Information

Draco Eridanus is a system filled to the brim with asteroids. A nice, large nebula covers it from above with a blue that reminded [Nyx Pine](#) of her grandmother, [Sarah Pine](#), when she first saw it. Thus, Nyx

decided to name the nebula the [Sarah Nebula](#) in her honor. Because of its beauty, the miners are given a nice view when they were on a break and the civilians and newcomers go about their daily life with pleasant scenery. ¹⁾

The following is a list of the Asteroids within the Field.

- [Class K Asteroid](#)
- [Class D Asteroid](#)
- [Class Q Asteroid](#)
- [Class B Asteroid](#)
- [Class Xe Asteroid](#)
- [Class X Asteroid](#)
- [Class C Asteroids](#)

History

Draco Eridanus was once a system of nine planets, with an extra dwarf planet that had merely captured comets, and ice chunks made from accumulated water. Whether it was some cosmic anomaly, something happened to the system, and the planets were destroyed, leaving asteroids, and the ice drifts.

Current History

In early [YE 42](#), the Mining Guild was chartered to go to Draco Eridanus by the [New Dusk Conclave](#) government after the [Kurosaki sisters](#) and the [Royal representative Nyx Pine](#), discovered the system. With their new mining techniques and technology, plus the funding from their marketing efforts and the funding given by the NDC, they claimed the system.

Because of its sheer size, the Guild knew from the beginning that it would take a long time to mine the system. They split the system into alphabetical sections and had the miner groups work each section in shifts, depending on the needs of their species. There were talks of creating a racing course here too, but there were safety concerns.

The Mining Guild had purchased [Daikoku-Class Agricultural Ship](#) as a means to move farming to new areas for safety reasons.

At the Fourth Annual Founder's Day Celebration, Project Terra was announced to not only the entire nation of the NDC but to the whole sector as well. Project Terra was the massive project in which a planet would be artificially created something thus far, no one in the sector let alone the NDC has ever tried to do before. The inhabitants and the Mining Guild were confident in their abilities to create a planet would be successful no matter what any nay-sayers would say.

At the end of Ye:44, their friends in the Motoyoshi Clan have decided to go on an expedition to new sectors in their galaxy, and seeking more resources, and potential for wealth, The Mining Guild has created a [Mining Guild Contingent](#) which would journey with the Motoyoshi as part of the [Colonial Initiative Fleet](#), and contributing to this fleet with their own [fleet](#)

In addition, they began construction of new headquarters for the Contingent now named [Station Decacron](#) along with a new class of [capital ship](#) called the reformed class. The Capital ship was soon sent on a shakedown cruise with escorts, and it was tested on some pirate ships. On its return, the ship also brought genetic samples which were made into clones.

However, one [clone](#) Escaped due to a misunderstanding and remains missing.

[Rogue Planet](#) Enters Draco Eridanus in [YE 45](#)

Flora and Fauna

[Draco Eridanus Extremophile Flora and Fauna](#)

Structure Info

Structure 1	Details
Type	Space Station
Name	Station Omacron
Station Type	Habitat/Industrial
Population	6,100+



Structures 3	Details
Type	Shipyards
Name	Dracrei Shipyards
Station Type	Shipyards/Industrial

Structures 3 Details	
Type	Defense Platform
Name	Guardian Defense Platforms]]
Station Type	Automated/defense
Weapons	Missiles, laser based weapons, particle beam weapons

Planet Info



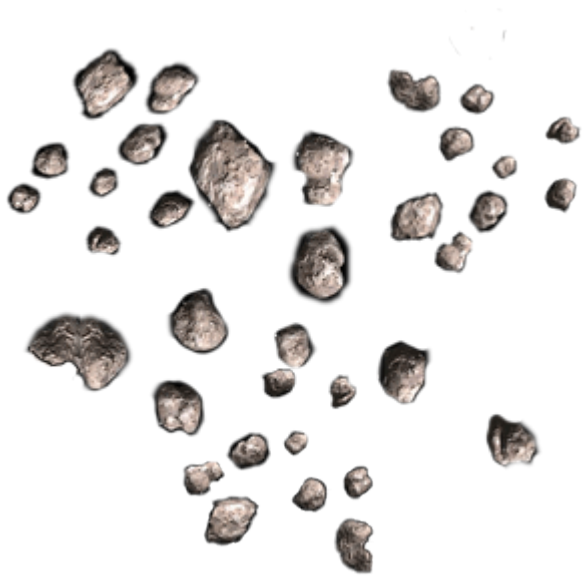
Planet 1	Description
Planet	Invader Planet
Environment	Molten Lava World
Settlement	1
Population	

Project Terra Planet



Planet 2	Description
Planet	Project Terra Planet
Environment	Terrestrial Utopia
Settlement	1
Population	0 planet is still being formed
Satelites	1

Kurosaki Fields Data



Sector A



Small clusters of asteroids that lead and follow Draco Eridanus's Star in its orbital path, with an Orbital Radius of 0.72 Astronomical Units, most of the Sector A is composed of [Class C Asteroids](#). Sector A were some of the first asteroids outside the Sanctum planetary system to be mined for raw materials by the Mining Guild. Most of them have been mined and are now materials for [Station Omacron](#). and another project The [Dracrei Shipyards](#) are nearby.

Sector B

Similar to the Sector A fields, Sector B is still rich in material wealth and is being mined. Sector B usually has a variable population between 300 and 500 individuals depending upon the bi-quarterly shift change cycles. After Sector A, Sector B has the second least amount of asteroids, with an Orbital Radius of 1.44 Astronomical Units.



Sector C



This sector is a lightly populated asteroid field orbiting at 153.75 AU, and it is divided by the other sectors with a border in the shape of a thick line. Because of its light population of asteroids, the Station and the Shipyards are visible. There is enough room for transport to travel safely but the pilots are still careful to watch for rogue asteroids.

Outer sectors

The other designated sectors of the asteroid field continue from Sector D to Sector Z. Every single sector has asteroids that orbit at 175.75 AU. Unlike Sector C and below, the other sectors after this are much more densely populated, featuring a great deal more asteroids that increase in size the further out a ship travels.



Outer Planet



Ranks	Description
Planet number	3
Planet	Ice Drift Planet
Environment	Ice Dwarf Planet
Settlement	1
Population	5,000


In the outer layer of the system are the leftover water, hydrogen, and comets that have gathered. These have formed into floating icebergs in space, held in the system by the gravity of the sun. The Mining Guild have come here when they developed mining technology better able to withstand freezing temperatures. [Freezy Land](#) is the settlement set up here, though in early [YE 45](#) the ice drifts have begun to consolidate into a ice dwarf though the name still stands.

OOC Notes

[Charaa](#) created this article on 2019/10/04 15:38.

- Asteroid Art by Wes
- Planet Art and Station art by Charaa
- [Approval Thread](#)

Map Locations	
Map to Use	Kikyo Sector

Map Locations	
Map Display Name	Draco Eridanus
Map Coordinates	2188,1887
Map Importance	Landmark
Map Marker	
Map Tooltip Content	Hub of the Mining Guild
Show label?	yes
Color	
Marker Anchor	Bottom Center
Places of the SARPiverse	
Opened/Settled (YE)	YE 42
Place Categories	star system

¹⁾ It's 1500 light years away so it will be not only visible from the cieling of the Station but the planets too

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