

# Murf

A lone system on the south-western edge of the [Bard Cluster](#). It is noted to have rich asteroid deposits.



The first ship to explore the Murf system was the [YSS Yukika](#).

## History

In [YE 29](#), the [Battle of Murf](#) took place in the Murf system.

In [YE 30](#), Murf was released to the [Yamatai Star Empire](#)'s control as part of the [Intergalactic Armistice Agreement of YE 30 \(IAA\)](#) signed at the [International Relations Conference of YE 30](#).

The [YSS Asuka](#) was recovered by the [YSS Sakura](#) in the Murf System.

In the [Second Mishhuvurthyar War](#), Murf held little significance to operations other than its brief occupation by the Mishhuvurthyar on their way to attack Hoshi no Iori.

The [Yamatai Star Empire](#) placed a global communications network of [Emrys Satellites](#) into orbit in [YE 36](#).

In [YE 41](#), [Osman Heavy Industries](#) moved into the system and set up its main headquarters there. It built a corporate city for the workers, and a huge factory complex as large as a city.

## System Information

System: 485-C System Name: Murf

Star: Red Dwarf Star Name: Murf A Type: M Mass:  $9.95 \times 10^{29}$  kg Diameter:  $7.0 \times 10^5$  km Mean Temperature: 2,800K

Star: Brown Dwarf Star Name: Murf B Type: T Mass:  $2.85 \times 10^{28}$  kg Diameter:  $1.42 \times 10^5$  km Mean Temperature: 1,000K Orbital Distance from Murf A: 45 AU (Approx. distance from Sol to Pluto)

I

Type: Terrestrial World Orbital Radius:  $2.48 \times 10^7$  km (0.17 AU) Period:  $1.01 \times 10^3$  hours (0.12 earth years) Physics: Large iron/silicate Gravity: 15.32 m/s<sup>2</sup> (1.57 x earth) Hydrosphere: 0 % water, 0 % ice Atmosphere: Standard reducing Special: Electromagnetic storms

## Phaeton

Type: Terrestrial World Orbital Radius:  $3.77 \times 10^7$  km (0.25 AU) Period:  $1.90 \times 10^3$  hours (0.22 earth years) Physics: Standard iron/silicate Gravity: 9.97 m/s<sup>2</sup> (1.02 x earth) Hydrosphere: 50 % water, 21 % ice Atmosphere: Standard Special: Wreckage of a crashed starship Details on [Phaeton](#)

## III

Type: Rock Planet Orbital Radius:  $5.11 \times 10^7$  km (0.34 AU) Period:  $3.00 \times 10^3$  hours (0.34 earth years) Gravity: 15.92 m/s<sup>2</sup> (1.63 x earth) Special: 4 small moons, advanced alien artifact

## IV

Type: Rock Planet Orbital Radius:  $7.80 \times 10^7$  km (0.52 AU) Period:  $5.66 \times 10^3$  hours (0.65 earth years) Gravity: 15.57 m/s<sup>2</sup> (1.59 x earth) Special: Trace atmosphere

## V

Type: Rock Planet Orbital Radius:  $1.24 \times 10^8$  km (0.83 AU) Period:  $1.14 \times 10^4$  hours (1.30 earth years) Gravity: 15.73 m/s<sup>2</sup> (1.61 x earth)

## Regions of Interest


Galetean Belt: One of the largest known asteroid belts in our galaxy. It spans from the outer orbit of Murf III, to just outside the orbital path of Murf IV. The belt consists of primarily Type M asteroids (98.5%), containing high levels of nickel, iron, gold, platinum and other precious metals. The remaining asteroids (2.5%), which are only found in the inner belt, are Type S, which consist primarily of iron and nickel silicates with other precious materials existing in smaller accumulations.

The asteroids located in the central and outer belt are coated with layers of water ice, methane ice, and other volatiles that can sometimes be several hundred meters thick.

The Galetean is a nightmare for even the most experienced starship and armor pilots. Fast moving and colliding asteroids, clouds of crystalline volatiles in the wake of even the smallest bodies, and high levels of radiation cause disruption in operations of sensor and shielding equipment.

## "Guriddo" Defense System

In [YE 33](#) the [Fourth Fleet](#) deployed [4SF Standard "Guriddo" System Deployment](#) for the defense of Murf.

Map Locations	
Map to Use	Kikyo Sector
Map Display Name	Murf
Map Coordinates	1821,1232
Map Importance	Minor RP Location
Map Marker	
Show label?	yes
Marker Anchor	Bottom Center
Places of the SARPiverse	
Place Categories	star system

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