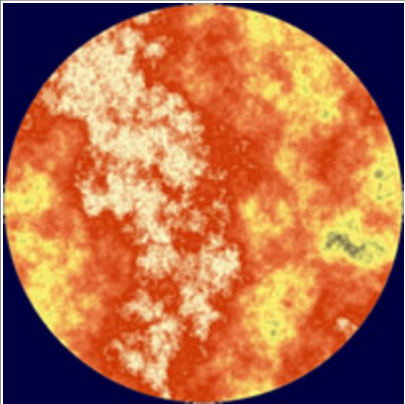


# Sairen system

Explored by [YSS Aeon](#).

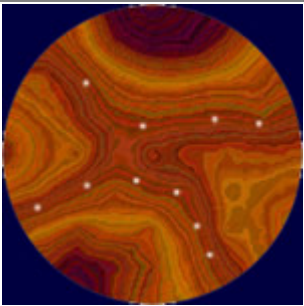
## Star: Sairen

Heading	Details
Type:	M5 (Spectral Class)
Status	Core is becoming unstable
Image	

Note: Star generates frequent stellar prominences, a vessel hit will be subjected to the following starship scale damage

Distance from star	Damage Rating
.1 AU	5
.2 AU	4
.4 AU	3
.8 AU	2
1.6 AU	1

## Sairen - 1 (Planet)

Heading	Details
Image	
Type	Terrestrial
Stellar Radius	.5 AU from star
Surface Gravity	0.90 G

Heading	Details
Length of Day	32 hours
Length of Year	279 days
Number of satellites	None

## Atmospheric composition

Nitrogen, oxygen predominantly, but also high with dust and other foreign matter.

This planet is being battered by the dying star in this system. There is evidence of great seas, but they have been mostly dried up. The remaining sea water trapped under a thick crust of baked detritus. Tectonic activity is high and ground quakes are frequent.

## Environment

Heading	Details
Equatorial high:	102° C
Equatorial low:	-30° C

Planet is ravaged by coriolis storms that preceed the terminator. These storms generate winds in excess of 350 kph and scour the surface constantly.

## Item of interest

Clusters of large crystals have been detected. Indicated in image as white dots. Individual crystals in these clusters range from 1-10 meters long. These crystals exhibit strong piezoelectric properties, in response to the radiation from the sun. Depending on the size of the cluster the energy is discharged either as random EM radiation, or as electric energy discharges. It was these EM bursts that lead the survey team to this system, and why they named it Sairen (Siren) after the old Earth legend.

The survey team encounterd one such cluster that struck a crew member in a Mindy-2 with an energy discharge equal to power armor DR 3. These crystals may have value in energy, communications or even weapon development. However, harvesting them will be extremely hazardous.

## Sairen - 2 (Planet)

Heading	Details
Type:	Hydrogen Gas Giant
Stellar Radius:	5 AU from star
Surface gravity:	2.9 G
Length of Day:	87 hours
Length of Year:	3,282 days
Number of satellites	7

## Sairen - 3 (Planet)

Heading	Details
Type:	Hydrogen Gas Giant
Stellar Radius:	6 AU from star
Surface gravity:	2.8 G
Length of Day:	87 hours
Length of Year:	3982 days
Number of satellites	11
<b>Places of the SARPiverse</b>	
<b>Place Categories</b>	star system

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