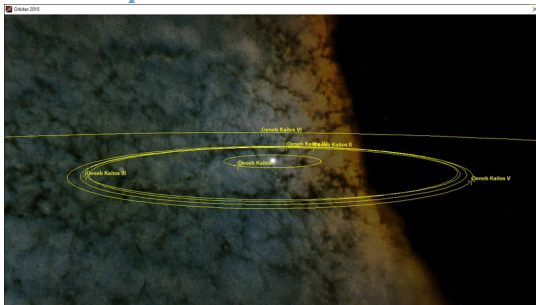


STPSP: DENEK KAITOS

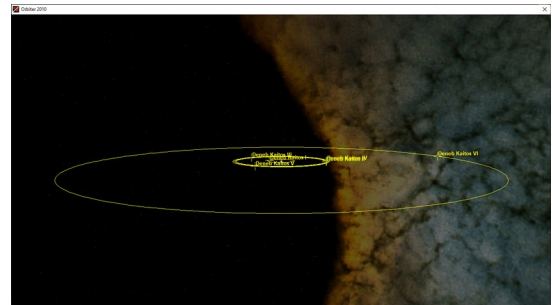
Introduction

STPSP: Deneb Kaitos is an auxiliary entry in the *Star Trek* Planetary Systems Project (STPSP). This is an attempt to accurately portray the major planetary systems in the *Star Trek* universe (with some conjecture, mostly in the form of some ideas of mine.) A fan of the series almost since birth, I wanted to recreate the planetary systems so that it would be possible to create scenarios in them. The Deneb Kaitos system is home to six planets, three moons, and one surface base. The planetary arrangement is based on a book called the *Star Trek Star Charts*. The one surface base requires the STPSP: Andor add-on for meshes. You will require the Immense Starbase, *Danube*-class runabout, Spacedock 2010, Drydock, *Nemesis*-style Drydock, *Galaxy*-class starship, *Nebula*-class starship, *Ambassador*-class starship, *Steamrunner*-class starship, *Saber*-class starship, and *Akira*-class starship add-ons for the scenarios. As for this system, I promise that you won't be disappointed. Enjoy!

The System



Inner system, viewed from 20 AU



Outer system, viewed from 72 AU

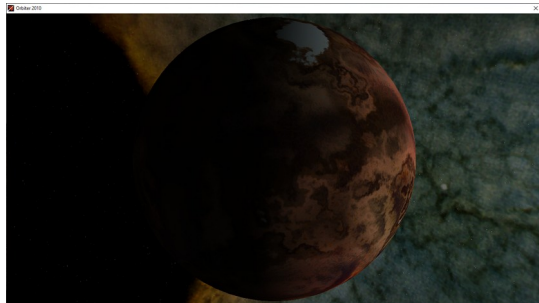
Primary Star: Deneb Kaitos

Class: G9.5-K1III

Diameter: 23.36 million KM

Mass: 2.8 solar masses

First Planet: Deneb Kaitos I



Class: B

Moons: 0

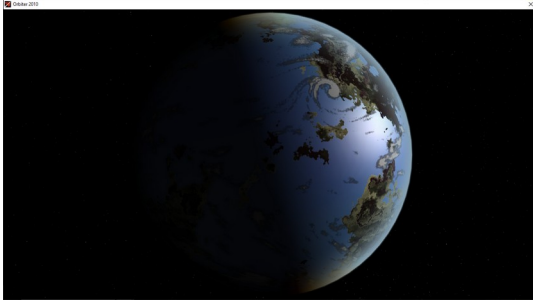
Diameter: 5,260 KM

Distance from parent star: 463 million KM (3.09 AU)

Rotation period: 5.8 days

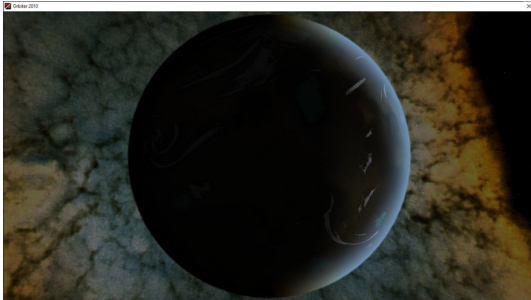
Orbital period: 3.25 years

Second Planet: Deneb Kaitos II



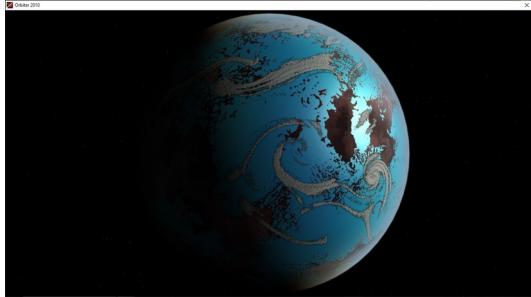
Class: M
Moons: 0
Diameter: 12,481 KM
Distance from parent star: 1.53 billion KM (10.2 AUs)
Rotation period: 21 hours, 36 minutes
Orbital period: 19.5 years

Third Planet: Deneb Kaitos III



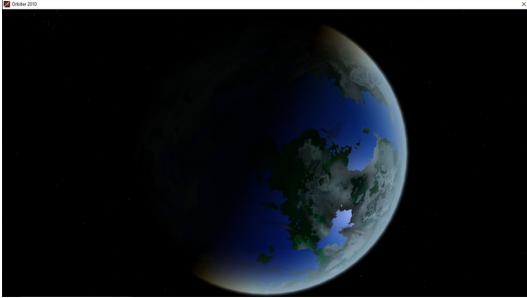
Class: N
Moons: 2
Diameter: 10,804 KM
Distance from parent star: 1.555 billion KM (10.3 AUs)
Rotation period: 32 hours, 25 minutes
Orbital period: 20 years

Fourth Planet: Deneb Kaitos IV



Class: M
Moons: 1
Diameter: 13,642 KM
Distance from parent star: 1.575 billion KM (10.5 AUs)
Rotation period: 25 hours, 24 minutes
Orbital period: 20.4 years

Fifth Planet: Deneb Kaitos V



Class: M

Moons: 0

Diameter: 12,426 KM

Distance from parent star: 1.635 billion KM (10.9 AUs)

Rotation period: 24 hours, 12 minutes

Orbital period: 21.6 years

Sixth Planet: Deneb Kaitos VI



Class: T

Moons: 0

Diameter: 816,368 KM

Distance from parent star: 6.3 billion KM (42 AUs)

Rotation period: 16 hours, 20 minutes

Orbital period: 163.75 years

The Denebians

The Denebians are a presumably humanoid species native to Deneb Kaitos V. The system is sometimes referred to simply as the Deneb system, and should not be confused with the system of the same name orbiting the star Alpha Cygni. We are provided with virtually no information on the Denebians, beyond the fact that they are members of the United Federation of Planets, within which they are a major trading partner, and that the penalty for fraud on Deneb Kaitos V is death, with the guilty party having the choice between electrocution, phaser, gassing, or hanging. In 2268, con artist Harcourt Fenton "Harry" Mudd found himself on the run from the Denebian authorities after establishing what he called a "technical information service" and attempting to fraudulently sell the Denebians the patent rights to a Vulcan fuel synthesizer. In the ensuing pursuit, Mudd's vessel was damaged and he drifted in space until he came to a planet in a nearby system which subsequently came to bear his name, inhabited by sophisticated but rigidly logical androids from the neighbouring galaxy Messier 31.