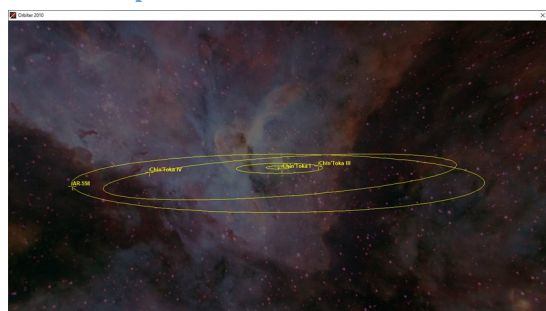


# STPSP: CHIN'TOKA

## Introduction

STPSP: Chin'toka is an auxiliary entry in the *Star Trek* Planetary Systems Project (STPSP). This is an attempt to accurately simulate 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 systems so that it would be possible to create scenarios in them. The Chin'toka system is home to five planets, four moons, and one surface base. The planetary arrangement is based on a chart seen in the *DS9* episode "Tears of the Prophets," with a small bit of conjecture on my part. The one surface base requires the Additional Base Mesh 1 add-on for meshes. You will require the *Defiant*-class warship, *Klingon Fleet*, *Klingon Bird-of-Prey*, *Galaxy*-class starship, *Nebula*-class starship, *Excelsior*-class starship, *Miranda*-class starship, *Sovereign*-class starship, *Negh'var*-class Klingon warship, *Galor*-class Cardassian warship, Dominion battleship, Jem'Hadar fighter, and Breen warship add-ons for the scenarios. As for the system, I promise that you won't be disappointed. Enjoy!

## The System



System viewed from 7 AU

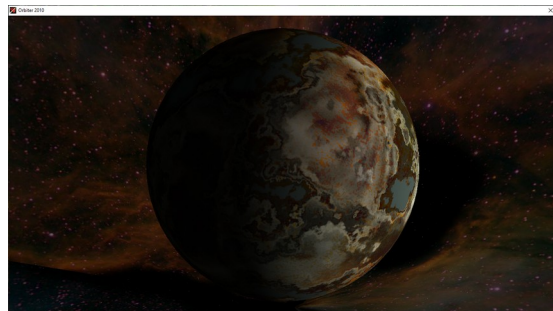
Primary Star: Chin'toka

Class: G2V

Diameter: 1.1 million KM

Mass: 1 solar mass

First Planet: Chin'toka I



Class: B

Moons: 0

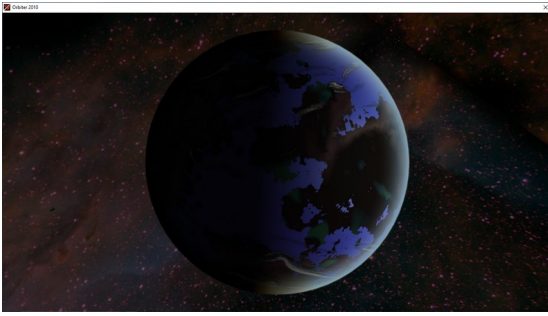
Diameter: 5,262 KM

Distance from parent star: 42 million KM (0.28 AU)

Rotation period: 32 hours, 53 minutes

Orbital period: 55 days

### Second Planet: Chin'toka II



Class: M

Moons: 0

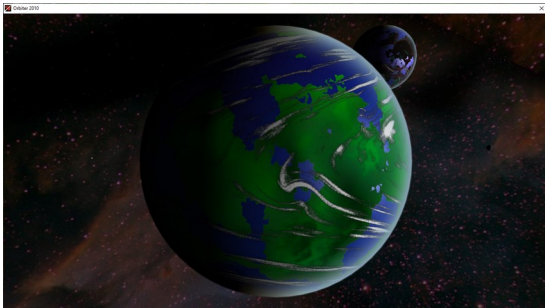
Diameter: 12,580 KM

Distance from parent star: 142 million KM (0.95 AUs)

Rotation period: 27 hours, 12 minutes

Orbital period: 338 days

### Third Planet: Chin'toka III



Class: M

Moons: 2

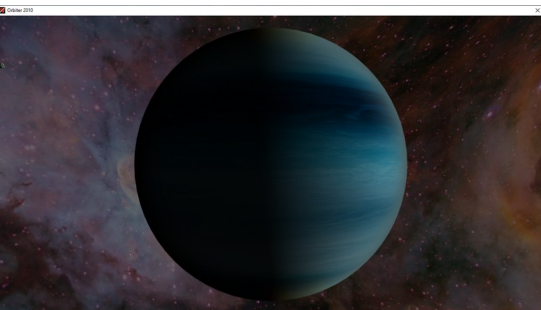
Diameter: 12,820 KM

Distance from parent star: 142 million KM (0.95 AUs)

Rotation period: 27 hours, 12 minutes

Orbital period: 338 days (in Trojan orbit with Chin'toka II)

### Fourth Planet: Chin'toka IV



Class: J

Moons: 2

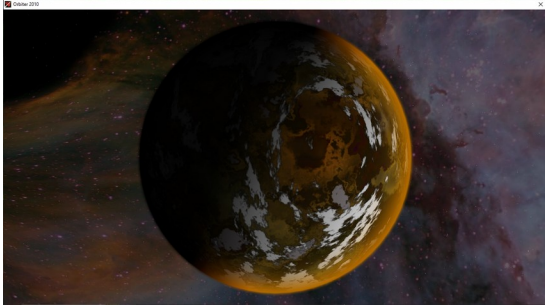
Diameter: 82,040 KM

Distance from parent star: 520 million KM (3.47 AUs)

Rotation period: 9 hours, 56 minutes

Orbital period: 6.5 years

## Fifth Planet: AR-558



Class: H

Moons: 0

Diameter: 11,208 KM

Distance from parent star: 582 million KM (3.88 AUs)

Rotation period: 36 hours, 24 minutes

Orbital period: 7.7 years

## History

The Chin'toka system is an uninhabited system located within Cardassian space, near the Federation-Cardassian border. Due to its strategically important location, it was the site of at least two major engagements during the Dominion War. The first battle occurred in late 2374, with the combined forces of the Federation, Klingons, and Romulans successfully destroying a sophisticated Cardassian defence relay orbiting the third planet while landing ground troops on Cardassian territory. Although the battle was a major victory for the Federation and its allies, Capt. Benjamin Sisko's decision to participate would have fatal consequences for his colleague Jadzia Dax, as it allowed Gul Dukat, under the influence of the non-corporeal beings known as the Pah-wraiths, to sneak into the Bajoran shrine on-board space station Deep Space 9 and attack, killing Dax and temporarily collapsing the Bajoran Wormhole.

The Federation's foothold on the system ultimately did not last, as they remained bottled up in the system whilst constantly having to fend off Dominion attacks. A few months after the first battle, a Dominion counterattack was halted by the Romulans, though they suffered heavy casualties in the process. The entry of the Breen into the conflict on the side of the Dominion would completely flip the Federation's fortunes in the war, with the combined forces of the two quickly retaking the system. The subsequent Federation attempt to repel the Breen from the system ended in catastrophic failure due to their unpreparedness for the Breen's EMP weapons which quickly disabled the fleet, resulting in the destruction of more than 300 vessels, including the USS *Defiant*. Following this humiliating defeat, the Federation and its allies immediately retreated from the system.