

Destination: Delta-094

In order to *get* to the galaxy, you should know *about* the galaxy. First off, it's a large spiral galaxy much like the Milky Way. It has a supergiant black hole in the middle as well. It hosts billions of stars from red dwarfs to blue hypergiants. It has millions of habitable planets, with semi-stable solar systems. But there is one solar system in particular that is where most of Delta-094's inhabitants live, B7-09. B7-09 is a place of wonders and excitement. It's like Earth 2.0, and two thousand years in the future. With flying cars, androids, cyber like streets and homes, massive parks and greenhouses, no harm to the environment or climate, infinite energy, and easy access to absolutely anything... It's the perfect place for a civilization to live for millions and even possibly billions of years.

Travel

To get to Delta-094, you have mostly one option. Interstellar space travel. Using a stellar engine, or an engine *literally designed to move an entire star*. You can get to Delta-094 with ease. Using a stellar engine, called the Caplan Thruster. It uses electromagnetic fields to funnel millions of tons of matter from a star using solar winds. Using a megastructure called a "Dyson Sphere", it surrounds a star and redirects radiation to certain parts of the star, heating it up and lifting billions of tons of matter off the star that the thruster can collect. The mass is then collected and separated into hydrogen and helium. The helium is burned in thermonuclear fusion reactors that creates the thrust for the engine. To avoid the thruster from just crashing into the star, the thruster uses particle accelerators to accelerate the collected hydrogen to shoot a jet of energy back at the star, to stabilize the thruster. This trip can take a very long time, so the thruster does it's thing as a crew assembles on (lets say Earth for this example). This crew is then put into a type of cryosleep, and then wake up when the solar system is near Delta-094. The crew then boards a spacecraft, and launches toward the solar system, B7-09. Welcome to Delta-094, next destination, B7-09.

Requirements

In order to successfully enter B7-09, you need a crew that is physically and mentally fit, because even at traveling approximately 16,200mph, the trip to B7-09 can take months. The crew needs to be highly trained to avoid crashing into debris, and to avoid going mentally insane. The crew must work tirelessly to avoid undernourishment, and must workout regularly to avoid muscle, weight and bone loss. You'll also need a decent amount of food to last a crew about 5 months. There are several spacecraft around B7-09 where space ships can dock at, restock on supplies, refuel, etc and then eventually go back on their way to B7-09.

Destination: B7-09

Wow! You made it to B7-09! This place is full of celestial wonders. This planet Titan is unfortunately the only planet that is habitable in B7-09. So that is the planet that we will explore. Titan is 103 million miles away from a middle sequence star just a little bit older

and larger than your Sun. Titan is a technologically advanced civilization. With robots and technologically advanced life styles. There are easier ways to travel, more energy efficient cars and buildings. And even androids. Titan is soon advancing to become an interstellar species and will soon inhabit other planets that will orbit their star, which is called Yuri Gagarin, which is named after the cosmonaut who was the first person to “invent” or travel in space.

Your stay at Titan will be luxurious but also demanding. Robots will need constant commands and energy refills, travel is not only fast but expensive. And booking a hotel can be expensive and hard to do. Titan is not the most perfect planet, but at least there are no carbon emissions, most wildlife is preserved and there are no global conflicts, such as wars and racism. You will find that Titan is peaceful, but at the same time demanding. Although medical care is not as expensive on Earth, many things are more open to the public and more people can use them and buy them for much cheaper. There are also many types of entertainment on Titan. Most of them are similar to those on Earth.

Departion.

To get back home it's pretty much the same process as getting to B7-09. You board a shuttle and in a few months you are back on Earth and, (using the stellar engine) you can leave Delta-094 (or go to different parts of it) and go back to the Milky Way in a couple of decades. So long travelers!

My (made up) Experience

Fyi: this “experience” is in first person view, and is a little bit like a diary.

Chapter 1: Launch

The stellar engine stops, and I know the Solar System is officially in Delta-094, and the last thing stopping me from going to B7-09 is boarding the shuttle in front of me, that'll take me to a new galaxy. I walk up the steps to the ship, I think about how I'm here, and how I won't be here much longer. The spacecraft that will soon be taking me into another galaxy is a technological advancement for my kind. I know that I'm a certified astronaut with over 3000 hours of in-flight experience. *“I've been waiting for this moment my whole space career, to become an intergalactic species, and find other life that's not on Earth.”* I think to myself. Then I start walking back up the steps and board the shuttle. I watch as the countdown commences and the crew straps in their seats. 10...9.....6...5....3..2..1 *Liftoff.* I watch as I descend from my old home, *“Goodbye Earth... Hello B7-09.*

Chapter 2, Day 1

The console just informed me that the shuttle is approaching B7-09, a new Solar System, and I can't wait to get out of this shuttle. I dreaded it here, although I had a mentally fit and funny, some of which were my friends, the trip was certainly not easy. I've been in this shuttle for 4 months and 26 days, and I have 2 more days, (including today), until I'm at my

new home. I went to the control room, and stared at the screens for a while, thinking about my old home. Earth. *"It was a beautiful place. But it had evil. Wars, discrimination, plagues, natural disasters. This new home doesn't have much of those. But I'll never forget you, Earth. You'll always be my home forever"*

Chapter 2, Day 2: Prepare for touchdown

After procrastinating, working out and doing some experiments, I fell asleep sometime yesterday and woke up right now. First I went to the control room and did the daily checkups to make sure everything was in check and that me and the crew wouldn't die, and greeted the crew along the way. Next I went to the control room to see how much time before touchdown. *"Not long."* I thought to myself. *"I better go back to my cabin, to get ready to land on Titan."* So I did just that. I went back to my cabin and sat down, (I floated around really). I looked at the poster I had on the wall. It was an advertisement to go to B7-09 and visit the planet Titan. I always wanted to go there, it was my dream to visit another planet outside of the Solar System. The advertisement had many people in it, humanoids, water-like beings, alien-goo like creatures, see through humanoids, and even a boy who looked like *a living shadow*. *"I've heard many good things about Titan too. About technological wonders, robots, flying transportation, even regular things like movie theaters, sports and restaurants."* That was really why I wanted to visit Titan, it was home to the intergalactic sport called AtomBall. It's like soccer, but with robots and is held in a triangular arena with 3 teams. The Protons, Neutrons and, (my personal favorite), the Electrons. *"I've always wanted to play AtomBall"* And then the console informed me to get packing because the shuttle is going to land in 7 hours. *"Well there is my chance to play AtomBall"* And I started packing.

Chapter 3: Touchdown

The shuttle lands itself on the launchpad as the crew takes the last of their items. We discarded most of our food and water, while only taking a box of food and a few canteens of water. We took our personal belongings, maps, and communication devices. The console informs the crew that the shuttle is landed and that we can go outside to the planet of Titan. I put on my spacesuit, which I would soon find useless. And stepped outside.

Chapter 3.5: Greetings, Astronauts...

The first thing I saw? Bright, bright light. After I got over being blinded from B7-09's Sun, I saw a bunch of humanoids and aliens. There were humanoids, people with 4 arms, aliens that were made out of goo, people made out of glass, people made out of silicone, humanoids with multiple eyes and antennae. These weren't just aliens, these were the people of a civilization. A goo like being with arms and legs and antenna, came up to me and the crew. *Greetings, astronauts*. He said. My first thought was: *"What?! He speaks our language? I didn't know these aliens knew English! Why wasn't I informed of this?"* But I played it cool and instead said, *"Greetings..uh..."*. *Mayor. I'm the mayor, you can call me*

Zorp. Zorp said. "Greetings Mayor Zorp." I said. The rest of the crew followed my lead. Zorp then informed us about Titan and blah blah blah. Most of it wasn't that important, but after Zorp was done speaking he gave each of us a tablet which looked like it had a map on it. *This is a holographic map, press the button, and you'll see a hologram of the entire city, and where you and your crew are at. You can also communicate with anyone if you get lost. But that's all I can say for now. Say hello to the rest of the city, and good luck fitting into your new home . You're one of us now.* Mayor Zorp said. Me and the crew waved to the audience, and then walked away from the launch site, and into the big city. Then I remembered what Zorp said. *You're one of us now...* "I sure am now," I thought to myself "I sure am..."

Chapter 4: Exploration

The first thing we did was book a hotel to stay for a few weeks while we find a proper place to live. Then we all split up, heading our own ways. Me and the crew were able to communicate with each other thanks to the tablet devices Mayor Zorp gave us. When I got to the city I mainly looked around, talking to people. The streets were much like those back on Earth, always busy, with coffee shops, malls, grocery stores, restaurants, and even movie theaters. *"This place reminds me of home..."* an image of my family back on Earth popped into my mind. *"Don't think about Earth, it's the last thing you need right now."* I thought. I pushed out the thought and explored a bit more. I found out that there was a currency system, it was actually BitCoin, a currency that was unobtainable back on Earth. I got some BitCoins from the Mayor, so I decided to see what I could do with them, apparently it was a lot! I was able to get a car ride from a mall to a restaurant. Might I add that the transportation is absolutely awesome? The car is *literally flying, and is hovering in the air with electromagnetic thrusters.* And even hovering a few feet above the ground, or a few hundred feet above the ground, and moving at 60-85 mph, it was a surprisingly smooth ride! When I got to the restaurant I ordered some food. Turns out the food system is also really cool! You could order absolutely anything you want, and you'll get it! All just for a few BitCoins. You could order steak with greens and sauce, to huge globs of jello, and icecream and virtually any dessert you want! You could also add any condiments you want! *"This is AMAZING"* So I ordered some food and paid the robot cashier and sat down to eat. *"Man this place is so different... Everything is so easy, and automated. The cashiers are robots, the cars can drive themselves, and the taxi drivers are also robots.... I wonder how the apartments look, or if they have any laser technology to defend themselves... They must have enemies and dangers right?"* I thought to myself as I ate. Then I left the restaurant and continued exploring.

Chapter 4.5: The most exciting, yet stressful game of soccer in my life.

If your wondering why i'm inside of a massive stadium that looks like a airplane hangar it's because I stumbled upon a AtomicBall stadium, and since I was one of the astronauts that had just landed on the surface of Titan, I was able to play in a 6v6v6 game of AtomicBall.

Let me get the rules straight. There are 6 players on each team, and 3 teams. All 3 teams will basically play soccer in a triangular playing field. But here's the twist. Each team will be playing with robots. There are 2 types of robots. Pierciers with 2 long spatula-like arms, used for evasive and quick maneuvers. It's also used to find cracks in the other robots' armor. Very fragile, yet quick. It cannot hold the ball for more than 30 seconds before shutting down. There are 3 piercings on each team. The next type of robot are the Blockers, big, slow, heavy but very tanky. With thick armor plating, they are usually used for blocking the goal (like goalies in soccer) and sometimes scoring. There are also 3 of these on each team. I decided to be a Blocker. Let the games begin.

I was immediately under much pressure and excitement. Fueled with adrenaline, I made some evasive maneuvers so that the Protons wouldn't be able to score. (Keep in mind that there are 3 teams, Protons, Neutrons and the team that i'm on is the Electrons.) One of the pierciers on my team was able to find a breach in the Neutron's defense, and the Electrons were able to score. 1-0-0, first to 3 wins. The second time the Protons were able to score in our goal! *"No! Now the game is at 1-1-0..."* The third round the Neutrons were able to score in the Protons' goal. *"Argh noo! It's not 1-1-1!"* I thought. I then blocked a shot from the Protons in the fourth round and passed the ball to one of the Pierciers. They were then able to shoot and score in the Protons' goal! *"Okay, only 1 more point to go, it's 2-1-1."* I thought. In the fifth round, things got serious. All of the Blockers and Piercers were busy with the other opponents, and the ball soon got to me. I closed my eyes then opened them again, fueled with adrenaline and determination to win. I then shot at the Neutrons' goal. And I made it in!! I hear a voice blare over the loudspeaker, it was Mayor Zorp! He said: CONGRATULATIONS ELECTRONS, FOR BEING TONIGHTS' WINNERS! AND SHOUTOUT TO THE FELLOW ASTRONAUT THAT JUST RECENTLY LANDED ON TITAN. WITHOUT THEIR HEROICS, WITHOUT THEM BLOCKING AND SHOOTING THE FINAL POINT, THE ELECTRONS MIGHT NOT HAVE WON!!!!. After getting many applaude and congratulations, I headed to the hotel that me and the crew booked.

Chapter 5: A new home.

After the crew gave me a few pats on the back and said their congratulations, we all head to bed. Before I went to bed I made sure everyone else was asleep. And I laid in bed, thinking. I thought about Earth, about my friends and family back home. Then I pulled out a picture that I had on the table next to my bed. It was a picture of my family and my friends. My mom, my sister, my dad, my brother, my cousins, my grandmothers. *"I miss you guys. But this is my new home now."* I thought to myself. *"I'll talk to you guys everyday through the phone, I'll never forget you. This is my new home, my new beginnings, my new life..."*

But I couldn't do it without you..." And I feel asleep.