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Status Report

Crew Manifest	
Total Assigned:	13
Officers:	4
Enlisted:	6
Cadets:	1
Citizens:	2

Welcome to our sixth month of operations as part of our shakedown cruise. That's six down and three to go! Shortly the command team will start planning our commissioning ceremony. More to follow on that as we get closer.

One of the things that happened this month was a meeting of the command team and a few crew-members with some great idea. So, we are going to be hosting game night's monthly. Every other month will be Star Trek Adventures (2nd Edition) and the alternate months will cycle between Artemis Bridge Simulator and board games. This will be in addition to Watch Parties that will either be bimonthly or quarterly.

Quite a few crew-members enjoyed to Bell County Comicon this year and this has spurred on ideas of having a booth and pulling in multiple ships to help us out. Here are some photo's that were submitted by crew-members.

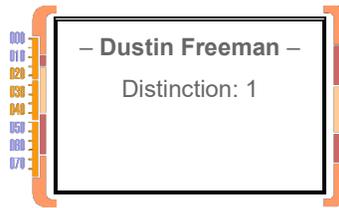




ACHIEVEMENTS

Academic Achievement

This month three individuals completed classes in the academy. When a member of the crew achieves a score of 90 or better (Honors) or a perfect score of 100 (Distinction) in a course, they will be acknowledged here. As an example, here are the results from June.



Challenge Takers

- None -

Awards

- None -

Promotions

- LTJG William Sturgeon -

- CRA Rachel Mock -

CAPTAINS LOG

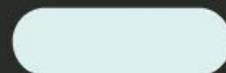
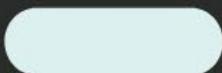
Welcome to the month of September! I am thrilled by all that has happened this month. We started with a Comicon, had a meeting with ship the command team to plan out more activities, rolled into Tactical Simulation practice at the Mountain Creek Range with the ship's weapons officer, then the following weekend finished the current campaign with Star Trek Adventures (1st Edition), and then finished everything off with a Watch Party of Star Trek Nemesis.

To say that it has been a full month would be an understatement, but I'm truly encouraged by all the movement in relation to the ship and her crew.

I would like to remind everyone that if you have any ideas for events we can do together, I'm all for it. Just reach out to me and I will see what we can do to get it on the ship calendar.

Congratulations to all those that have been promoted recently, and I encourage you to all take some STARFLEET Academy courses. There is a great deal of courses to chose from and you will likely find a subject up your ally.

-CMDR Freeman
co.ussveritas@sfi.org
CO USS Veritas



FIRST OFFICERS LOG

Greetings Y'all,

Well, things have been kind of busy since the last log. Several of us went to the Bell County ComiCon and had a lot of fun. If you missed it, it was fun. We also may have found a couple of new recruits. We hope. Lol

I'm still looking at finding department heads. I know it may be a little daunting but it's really not that difficult. I really want to encourage everyone to try and choose a department specialty. It would help you get promoted. As well as give you a direction to work towards. It will give the Captain and I an idea how to help you accomplish your goals.

I still would like for us to start using our discord channel more often. We had a meeting this month and discussed several things for the future. As well as made plans to do several things in the future. Also, the USS Zavalla is asking for volunteers to help with their booth at SpaceCon in San Antonio. If you are interested in volunteering let the CO or me know and we'll get you in contact with them. On a side note, there will be a large group of Star Trek series cast members the. Including William Shatner.

The next thing I want to hit on again is recruiting. If you have any friends or family members who may be interested in participating in our crew please try and get them to join us! We can't grow if we don't recruit.

I'm looking forward to meeting you all. So, if you have any questions, concerns or comments. Please feel free to contact me at texascavtrooper@gmail.com

Or text me at (254)258-5066

I will do my best to help you in any way I can.

Ok keep on trekking.

Fair Wind and Following Seas

XO, Out

-LCDR Bryan Fitch
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XO USS Veritas

Development of the attomicroscope

As a Starfleet Engineer, I am always intrigued by the technological advancements of Earth's past, especially when they echo the high-resolution sensors and quantum technologies we now use. The development of attomicroscopy, a microscope capable of capturing images at 625 attoseconds, is a remarkable achievement in 21st-century science. This technology offers a glimpse into the kind of precision that will become commonplace in the centuries ahead.

The attomicroscope developed by physicist Mohammed Hassan and his team is not just an improvement over traditional electron microscopes—it represents a fundamental shift in how we understand and visualize electron dynamics. By capturing images at the scale of attoseconds (a billionth of a billionth of a second), this microscope allows scientists to observe the movement of electrons in unprecedented detail.

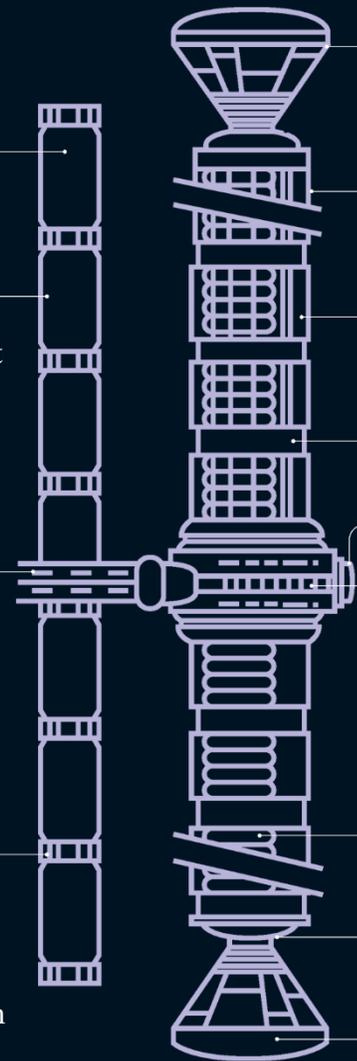
In Starfleet, our high-resolution sensors are designed to operate at similarly minute scales. The precision of attomicroscopy mirrors the kind of accuracy we expect from our sensors, which are crucial for everything from warp field modulation to the detection of cloaked vessels. The development of such technology on Earth was undoubtedly a stepping stone towards the sophisticated sensor arrays that we now rely on in deep space exploration.

One of the most intriguing potential applications of attomicroscopy lies in its relation to the Heisenberg compensators used in our transporter systems, a critical component that allows us to bypass the limitations imposed by the Heisenberg Uncertainty Principle, which states that the position and momentum of a particle cannot both be precisely known at the same time. Without this compensator, the transporter would be unable to accurately reassemble matter, making safe and reliable transport impossible.

Understanding electron dynamics with attosecond precision will provide the necessary data to further refine Heisenberg compensators. As we continue to explore the quantum realm with greater detail, potentially leading to transporters with enhanced accuracy and safety. This would be particularly valuable in scenarios involving complex biological matter.

The development of attomicroscopy represents a pivotal moment in Earth's scientific history—a moment that laid the groundwork for the advanced sensor technologies we now take for granted in Starfleet. As we continue to push the boundaries of exploration and discovery, it is essential to remember and build upon these early achievements.

-CMDR Dustin Freeman



Upcoming Events

- **Bell County Comicon**

September 21st 2024 @ 6:30pm

Game Night: Artemis Bridge Simulator

- **Giganticon**

October 5th-6th 2024

Giganticon is a celebration of HEROES, from ones that jump off the page of your favorite comic book to those everyday heroes that serve our Country and protect our Freedoms! Come Celebrate with us during the best weekend of the year and throw on your favorite costume, you won't want to miss out!

<https://www.giganticon.com/>

- **SPACECON (San Antonio)**

October 25th-27th 2024

SPACECON is America's newest comic con created by PMX Events. Attendees will see celebrity guests from the likes of Star Wars, Star Trek, Guardians of the Galaxy and other intergalactic movies and TV shows.

<https://www.spaceconsa.com/>

- **Trek Tour**

November 15th-17th 2024

A major Star Trek Convention in our backyard!