



THE ENGINEERING LINK

"Engineers are Warped"

SD: 202204.01



NCC-1793

SFI * REGION 01 * USS HEIMDAL NCC-1793 * ENGINEERING DEPARTMENT NEWSLETTER

Awarded 2021 Region 01 "Communications Excellence" Best Departmental Newsletter



From the console of the Chief Engineer

Capt. Darrell W. Millner

Greetings, WOW – what an exciting month it has been. Humbling, energising, thrilling and so much more. First of all this publication we work so hard to grow was just awarded with the

Region 01 - 2021 "Communications Excellence"

Best Departmental Newsletter

A feat which could not have happened without my dedicated support team members here in Heimdal Engineering. We were honored to be considered especially as "Departmental" newsletters, as I understand it do not generally receive consideration. What a great and yes humbling honor. More details on page 6 – and a big shout out to all the members of the crew of the USS Heimdal NCC-1793, stellar, just stellar.

I have tried to squeeze a great deal of content, inspiration, and fun into this issue and it is hoped you will enjoy the ride. By the way, we will be raffling off a "full size - type four shuttlecraft" later this month in southern Virginia, oh wait that's MY poor attempt at "April Fools" everyone, please hold off on the lawyers. My wife just reminded me that that day is back ha ha.

Please forgive me folks, it's been an amazingly long March, and it is my habit to do the cover page after all else is done. In a few hours we head off to Virginia to visit with family and to attend the long awaited, can't believe it is finally happening, "Heimdal Anniversary Party" hosted by our CO Linda & XO Willy Smith. It has been several years in the making and our 37th year as a Starship Chapter in SFI.org What a journey it has been since our time as the Shuttlecraft Asgard – from the Starship USS Jamestown.

It is part of the plan to have updates regarding the departments updated publications, web portal, and the long awaited next chapter in our Shuttle Bay Project in the MAY issue, so hold on its gonna be fun.

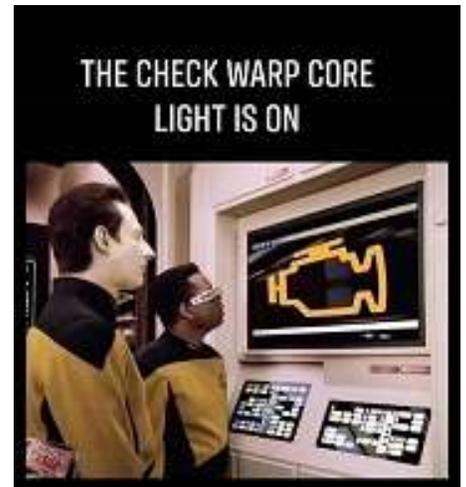


Wrapping up I want to thank each and every one of you that takes time to scan through our newsletter. Your feedback and questions are appreciated, your friendship is not taken for granted. Wishing you success always,

Capt. Darrell Millner, CEO
USS Heimdal –R1 -Delta-Sector
R1 Officer of the Year - 2021
"It's no Tribble at all"

"There would be no Star Trek
unless there were transporter malfunctions"

- LeVar Burton



THE CHECK WARP CORE
LIGHT IS ON

CO Smith is not going to like this,
"So does the call about our
extended warranty come next ?"

STARFLEET BY THE NUMBERS

As of SD 202203.30

STARFLEET

- Data not available

REGION 01

- Data not available

USS HEIMDAL

- 65

HEIMDAL ENGINEERING

- 08



Online Resources

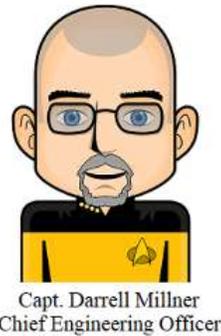
Heimdal's Home Page

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

Engineering Portal

<https://trek.millnernet.com/>

<https://R1.SFI.org>



Capt. Darrell Millner
Chief Engineering Officer



Cmdr. Dennis Henderson
Sr. Engineering Officer
Shuttle Bay Officer
Matter/Anti-matter Specialist



Capt. Lem Campbell
Sr. Engineering Officer
Flight Deck Officer
Transporter Chief



Lt. Cmdr. Larry Rowland
Sr. Engineering Officer
Shuttlecraft Pilot
Transporter Specialist



Ens. Larry Whately
Duty Engineering
Quartermaster

YOU ?
➔



ARE YOU READY?

Heimdal Engineering
SD: 202202.01



PO3 Gary Burley
Maintenance Engineer
Ship Fitter



Lt. Cmdr. Zak Lyon
Helm Officer
Technology Specialist



ENS. Jody Lyon
Dilithium Maintenance
Recreation Officer

WE HAVE ROOM FOR YOU - A SAMPLE OF FICTIONAL DUTY POSITIONS HERE IN ENGINEERING -

- Chief Engineer** - Heads department. Oversees running of all engineering systems and divisions. Accountable for the overall performance of the vessel. (A Miracle Worker).
- Assistant Chief Engineer** - Primary assistant or backup to the chief engineer. In situations when the chief engineer is away from the engine room, the assistant chief engineer is responsible/in charge.
- Shuttle Bay Officer - (SBO)** Coordinates with Operations manager on Main Bridge for shuttle launch and landing clearance. Directly oversees FDO's.
- Helm Officer** - Responsible for ship's maneuverability & sometimes weapons control.
- Navigator** - Plot the ship's course; responsible for safely getting the ship from point A to point B.
- Transporter Chief** - Oversees the operation of ship's transporters.
- Transporter Specialist** - Maintain & operate the transporters. Work with the Transporter Chief.
- Duty Engineer** - Engineering officer acting as the duty officer when the chief or assistant chief engineer is off-duty.
- Engineering Specialist** - All-purpose engineers. Environmental controls, replicators, holodecks, and more.
- Flight Deck Officer** - (FDO) Responsible for all operations within their particular shuttle bay (3), reports directly to SBO for launch and landing clearance. Primary station - Operations Control Booth.
- Shuttlecraft Pilots** - Pilot shuttlecraft on missions that require use of shuttlecraft.
- Technology Specialist** - Experts with all machines & technological contrivances.
- Matter / Anti-matter Specialist** - Monitor the intermix process.
- Dilithium Crystal Specialist** - Responsible for monitoring the dilithium crystal converter assembly.
- Damage Control Specialist** - Evaluate & control the amount of damage a starship sustains to the best of their abilities. Also effect ship's repairs.
- Deflector Systems Specialist** - Monitor & provide data on the ship's deflectors / shields.
- Quartermaster** - Assign quarters, handle equipment & supplies & the distribution of same.
- Maintenance Engineer** - Specializes in repairing damaged systems.
- Ship Fitter** - Fabricate, assemble, and build structural parts of/for the ship.
- Recreation Officer** - Activities director. Maintains morale. Maintains the Recreation Deck. Coordinates off duty crew activities.

SD: 202203.27 – Monthly Engineering Report – Ensign Jody Lyon

Sir, This month my duty as recreation specialist has kept my on-duty and off-duty hours full. Our annual First Contact Day festivities are only a week out. Much has been accomplished but there is much to do. The team assembled to coordinate the event made several decisions that will make this event different from years past. First Contact Day has its roots in an earth event of vital importance to the Federation at large. It is typically recognized this way – as a meeting between two races. This year on the Heimdal, a ship of immense diversity of races, we intend to emphasize the on-going opportunities for first contact every day. As a Bajoran, I know first hand how long standing animosity and hatred between groups prevents forward movement. This year representatives of each race onboard will make first contact. The celebration will include unique culinary experiences, martial arts demonstrations, live music from around the sector and, I hope, a lot of fun. It has been exhausting and a return to normal duty should be a welcome respite.



Ensign Jody Lyon
USS Heimdal NCC-1793
Engineering Dept

SD: 202203.24 – Monthly Engineering Report – Lt. Cmdr. Zak Lyon

Sir, Regular duties, with a week of tinkering and self-improvement resulted in a productive month for me. I was requested by Dr. Merrifield Bloom, the civilian director of special projects for the Arboretum, for an urgent engineering task so I spent a lot of time on Deck 17 this month. The last batch of Aldian Roses beamed on board brought with them a veritable collective of pests who are acting as a single-mind to destroy Commodore White's favorite species of daisies. Bloom and I worked together to create tiny drones which mimicked the behavior of the predators of these cursed beasts. The daisies were saved, but we are still vigilant. How these flora were beamed aboard with the insects intact after decontamination, I don't understand. I am flagging the filters used and will talk to Campbell about doing a level three diagnostic of the cargo transporters used. In any case, the new drones worked wonderfully - perhaps something that Life Sciences should take a look at for their toolbox.

I received an interesting message from the faculty at Star Trek Academy this month. I assume you received a copy, but indulge me.

"Given particulars that have been shared with us about your unique heritage and its implications, it is requested that you retest in starship operations. We do not wish to diminish what you have accomplished in your career, but feel that recent events necessitate determining if your disorientation in time has effected your 24th century knowledge base. You have been automatically enrolled in COSO101-Flight Operations and COSO107 – Bridge Operations. Thank you for your understanding.

Commander E'nean T-Roff, SFA Sentient Resources, Barzan II Annex."

I had to sit down with Cmdr. Hazlett to figure out what this meant. We're they afraid my consciousness would slip into another time while I was piloting the ship? Do they think I shouldn't be on the bridge? Why would retesting be a fix? The Cmdr. said don't worry, it was just bureaucracy. Nothing you can do about it but comply. He encouraged me to see it as "self-improvement." Took a little of the sting out. You get rid of poverty, war and hunger in 50 years, but bureaucracy is a deeper weed to extract. After three sessions with the Cmdr. I am good to go. I'll let you know when I receive the results. In the meantime, rest assured that I will not continue at my post if I sense a timeshift coming.



Lt. Cmdr. Zak Lyon
USS Heimdal NCC-1793
Engineering Dept

*Getting to Know You...****Diving into the personas of our Engineering Team***

Lt. Cmdr. Zak Lyon – Heimdal Helm Officer & Technology Specialist

*FYI: This is a reprint...but with hindsight and appropriate revisions.

This is the character introduction that I wrote for the February 2021 Rainbow Connection after completing my personnel sheet and seeing the “species” field. As soon as the Engineering Link was created, I felt that the Link was a better spot for In-universe musings. I am proud to have it take its rightful place. When I told Darrell I was choosing this character persona, he said it was exactly what he was going to suggest to me. I love playing this character. I am pretty sure I have found exactly who I would be in the Star Trek universe. And not just because if I go to a convention a half-human half-El-Aurian character would not have to invest in makeup, but because of several things I have found out about myself as a result of creating the character. As you know, family is very important to this character. I personally have so many father figures in my life that blurring them together into my characters’ father’s persona was insightful. It allows my Star Trek character to see life from multiple perspectives just like me but through one person - his father across time. And because of my physical nature, I have always been in a position to sit, observe and listen. What else but an El-Aurian ancestry then? As I did in the original article, I’d like to challenge any engineers comfortable with character creation to come up with your own backstory and share it in The Link. Given the creativity of this department, it should be “no tribble at all” as the Chief says.

Original article for the Rainbow Connection:

Computer: Record Introduction Assignment...

During my initial crew psych assessment, I was told by Commander Hazlett that I could be a little more communicative. Yeah, I do have this thing where I sit back and listen maybe a little too much. That is thanks to my father. You know, the whole El-Aurian thing. I sometimes get so interested in people and what they have to say that I doubt whether they would find me as infinitely interesting as I find them. I stay quiet and listen. Commander Hazlett said he understood, but that no one would ever get to know me if I just listened. So, I have been assigned to introduce myself to the crew by writing a report.

I was born on Inspiration Station, a private scientific research station where my parents met. My mother was a Marine Biologist from Earth and my father was...well many things, but he was a scientist foremost who specialized in something different every 50 years or so. He’s an El-Aurian. He always said that science is knowledge and that no matter what we do we are all scientists. I took that to heart. Even before the Borg attack, he was rarely home preferring to travel the stars. When I was little my father let me pilot our shuttle and I really got the bug, but not much opportunity. Once I joined my father when he consulted on a secret listening station. I found it pretty boring and confining. When I was a teenager, my mother’s work took us to live planet-side on Pacifica, where I spent a good deal of time with Delphines. It was there that my El-Aurian side of the family made itself known to a new degree in my special connection with the Cetaceans on the base. I had always been more insightful than others in my class and more sensitive to changes in space/time (I had to opt out of the “chroniton field trip”!) but this thing with the Cetaceans was different. So, now I find myself in Starfleet. I’m traveling the stars now. And I was really excited to be assigned to the Heimdal which has an active Cetacean crew. As far as my latest tinkering project, I have been working on my own design for a compact portable holodeck for planet-side listening posts where space is at a premium and must always be multifunctional. Of course, this is on my off-duty time. My duty-time has been spent wherever I am needed in an Engineering capacity, but my love is being at the helm. I hope this helps you get to know me a little bit better and I look forward to getting to know you.



Lt. Cmdr. Zak Lyon
USS Heimdal NCC-1793
Engineering Dept

Getting to Know You...

Diving into the personas of our Engineering Team

Ensign Jody Lyon – Heimdal Dilithium Maintenance Lead and Recreation Officer

My Introduction to the Crew

Peldor joi. Hello. My name is Jody Lyon – Jody being my family name, not my first name as is more common in the Federation Members. The Bajoran civilization is millennia old and this is a hold over from those ancient times. The family name is what is important. I come from a family of farmers of land that had been in the family for centuries – until the recent Cardassian Occupation that is, when it was annexed as a Food Production Facility. Most of my family was held on the property as virtual slaves and continued to work the land under the heavy hand of the military supervisors. It was difficult to grow beautiful plants and to be served only a bowl of mush made from the leftover scraps. As you know, when the occupation ended, the outgoing Union troops destroyed much of what was left of our cities – buildings, bridges, aqueducts, roads, etc. But what was so heartbreaking was that the withdrawal also included the poisoning of our land. Even as the horror of the occupation saw a conclusion, the Union was still willing and capable of actions that could further decimate our populace.

I was part of a team which worked on reclaiming the land. It was our goal to feed our people but the ultimate conclusion of our efforts would be to develop commerce and rebuild the global economy. I used my engineering skills to assist in the building of soil reclamators. These units were highly effective and we were so encouraged. As we didn't have the resources to building more units – the plan was to rotate them across all provinces. I became discouraged when our people, so recently controlled and enslaved, fell to bickering and regional selfishness over this issue of basic survival. Apparently the occupation did not fully unite us. Bajor has a way to go to reclaim its greatness as a civilization. I dream of the day when off-worlders travel to our beautiful planet to enjoy our landscapes and participate in our culture. But until then, I determined that an optimistic environment where people sought to do the right thing was for me. When the Federation sent officials to help us rebuild our society, I knew what I needed to do. I joined StarFleet.

So, when you see that “older” Bajoran woman with an Ensign's insignia in the hallways you now know why. Just say Peldor joi.

I hope to get to know more and more of you with each engineering assignment I am given. Perhaps we could even share a raktajino. I love that stuff. Thanks, Captain Millner, for introducing me to that delicious drink.

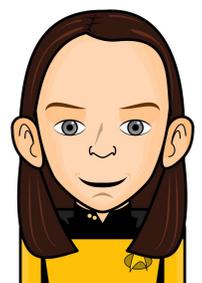
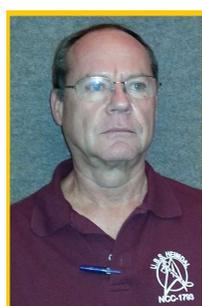
Next Months Feature Series Begins

Chief Engineering Officers of the USS Heimdal

Proving once again - “Engineers are Warped”



ARE YOU READY?





R1 / 2021 Annual Awards

- Heimdal Sets the Bar High - SD: 202203.15 -

Region One announced the recipients for their 2021 awards on 15 March. *Many* will be forwarded to STARFLEET International for consideration on the global program. A complete list can be found on many of the FB groups including but not limited to STARFLEET Region One, Heimdal's Science Fiction Page, USS Heimdal NCC-1793 (private group), and others. For this article, which yes expands beyond our department specifically, I've included all that pertain to the Heimdal. Wow, what a sweep this year. As part of the Heimdal executive staff let me say "I am so very proud of the entire crew, the efforts put forth this past "challenging" year, and the direction we are heading. Keep up the excellent performance, the high expectations, and especially the fun – got to keep the enjoyment level up". - Millner, D.

Chapter of Excellence (runner up) - USS Heimdal

CO of the Year – Adm Linda Smith - USS Heimdal

XO of the Year – Willy Smith - USS Heimdal

Flag Officer of the Year – Carl Davis - USS Heimdal

Officer of the Year – Darrell Millner – USS Heimdal

Enlisted of the Year - David Weston Webb – USS Heimdal

Junior Member of the Year – Allen Hatter - USS Heimdal

Dept of the Year – Security - USS Heimdal

Communications Excellence

Best Dept Newsletter – The Engineering Link – USS Heimdal



Next Phaser Sim - SD: 202204.09

Will Engineering Be Represented ??

Spring is in the air, Birds are Singing, Bees are Buzzing, there's a - ting' - ting' - ting'
- Oh for the love of Hot Spicy Tribbles – those are Paint Balls – RUN Team RUN.

I hope you were as excited to see Security Chief Carl Davis's email on 28 March **
Projected date for the next Heimdal Phaser Sim is April 9.

As Carl states "Hoping the weather will be nice and we can get a good number of folks to come out and play or watch. We'll open this one up for any member who might want to see what happens when we mix it up in friendly competition. Be aware that you will have to wear protective face covering during the games if you are in close proximity to the play. I'd like to get responses from all who plan to join us that day. Play will start at 1:00 p.m. We'll be gathering at Bonnie and Carls and you can bring your own equipment or can rent what you need. Mask and paintball marker with 100 rounds of ammo are at a special Heimdal rate of \$7.50. Additional ammo is \$2.00/hundred which is pretty much cost. A safety briefing will take place before play begins and we're all about having a good safe time of competition and learning to work as a team. Departmental teams can be mixed as needed for equal skill match ups. We love to have new folks join us and will try to make sure that you love the game and want to come back. Looking forward to seeing everyone that Saturday! - Davis

** What you say you didn't get the email from Carl? Please check your spam folder... oh wait did you say "well that and I'm not on the heimdalgroups email distribution list? We have a cure for that, reach out to XO Willy Smith – or your Department Chief, they will get you set right as isolinear chips.





Engineers at Starfleet Academy

2022 Month Graduates
No updates at this time



Region 01

An in depth update to follow in May
- Millner Out.

Special Update : Heimdal Rainbow Connection

A REMINDER from CO Linda Smith: "We will not be having an April Heimdal meeting. The Anniversary Party on April 2 will take the place of the meeting. We WILL be having an April newsletter, though. The deadline for getting submissions to me for the April newsletter will be **April 12 at 12 noon**. As always we're looking for department reports, TV, movie & book reviews, convention reports, Heimdal People news - let me know what you've been doing other than Heimdal stuff - other hobbies, if you were in the newspaper or on TV, anything beyond the usual you may have been recognized for or done. We also need Cadet News, Pet Fleet news & anything you think YOU'D like to read in a newsletter ... we'll probably be interested in that. And we LOVE humor.

Survey Question 202204

In our world of constant information overload the noise can become - just that - noise. People are hammered with tweets, emails, videos, memes, discord, nextcloud, mailservers, post, text, phone calls, video conferences, FB groups and rarely direct personal contact. Our department strives to provide this newsletter, a zoom session, and a couple of emails a month. **QUESTION:** What is YOUR preferred method of contact. Whats too much or not enough for you? Replies will be accumulated and shared but NOT with your name associated with it. - Please email your answer to Chief Millner before 25 April trek1793@millnernet.com

Last Months Replies

- You find yourself having a *Sam Rutherford "Okeydokey!" moment* and decide to move to a different department. Which department would you choose and why? (From Starfleet perspective, not just Heimdal)
Jody L: If I had to choose a different department, hmm...it would probably be medical with an emphasis on research. As we explore the unknown reaches of space, new life forms - sentient and non-sentient will continue to be discovered. I would love to explore the flora of new worlds and categorize each I find by medicinal properties for their use in physical and emotional healing.
Zak L: I'd have to go with Communications. The universal translators are great, but I think one needs to have an ear for the subtleties of languages. As you know I am a great listener, and this has always helped me communicate efficiently with non-standard speakers. We are all about reaching out and understanding other cultures and species. I think Communications could be a satisfying position - if I had to choose a different path.
Darrell M: I can honestly say I have never personally addressed this question, never considered it. However, if push came to shove I believe I would go with Command Division : Judge Advocate Generals Office. Perhaps too many episodes of Perry Mason and Law and Order but that office has made a difference in STARFLEET



Heimdal Monthly Engineering Zoom
18 APRIL 2022
7:30 pm eastern

*** Zoom coordinates will be emailed ***
If you have scheduling or technical challenges, let me know

ST : TOS : "They made that Prop from what?"

Starting with the minimal budgets in ST:TOS creativity was key. KISS, Practical and reusable. Into this window fell the "Magic Slate". Originally created to save paper - it quickly became popular as a TOY. In Star Trek they were repurposed as the screens on the Personal Access Display Devices (PADD). Framed with a box and given 12v lights to appear more futuristic, now iconic, and you will be surprised how often you will notice them when enjoying the original cast - and beyond.

- Notes from "Whatculture.com/star-trek" as seen on YT. What an enjoyable resource - Millner Out



STAR TREK Trivia Anyone?

- Throughout the first season, the chief engineer position aboard the ENTERPRISE seemed to rotate from one minor character to another. Who was the first person **named** as chief engineer in the first season of 'ST:TNG'?

Last Months Question: Which episode do Geordi and Wesley go through Data's stuff, mourning his death.
Answer: "The Most Toys" - ST: TNG: S3E22



Special thanks to our contributors this month:

- Gary B., Zak L., Jody L., Darrell M.,

Please note, corrections and additions are always welcome

Footnotes: Thank you to the following very helpful online resources
- whatculture.com/topic/star-trek
- funtrivia.com/trivia
- memory-alpha.fandom.com/



STAR FLEET POSTAL SERVICE

Disclaimer: No part of this newsletter is intended as an infringement on the Star Trek copyright held by Paramount™ or any other company or entity. This is a not for profit, fan organization, that strives to embrace the ideals of Star Trek, the inspiration of the "Great Bird of the Galaxy" and have fun in the process.

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