



THE ENGINEERING LINK

"Engineers are Warped"

SD: 202201.01



NCC-1793

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



From the console of the Chief Engineer
Capt. Darrell W. Millner

Greetings Crew and fellow STARFLEET Engineering enthusiast,

So many thoughts on how to begin this issue. We could start by reflecting on this prior amazing year in Heimdal Engineering, the resolutions for 2022, accolades for this exceptional team, praise to my fellow department heads, thankfulness for health and happiness. ALL would be correct, all would be worthy, all would have merit. And yes to all of them. I find myself in a new position this year, normally melancholy yet positive. My wife and I are wrapping up my fourth week of "C19", I haven't had energy for weeks, a voice since the 20th, and we've been on lock down between our home and our grandchildren. So mixed emotions and wishing I could do a do over for Dec. Accepting that, it is time to move forward. My thoughts are still to those impacted by the early Dec atmospheric challenges - what an amazing event.

Now, as we launch into SD:202201 I look forward to the expansion of our department, support materials worthy of our history, an even more energized newsletter, and expecting a great deal of guidance and leadership from Region 01 to help take us to the next level. We are more than a department, a chapter, or region but the basic building blocks start with US to make a positive difference and raise the bar. No pressure, as I have said many times before - the opportunity here is to do as much or little as you are inspired to do. STARFLEET provides you an individual experience tailored to your journey, and if you want to be challenged by golly - it is here for you too.

Reading over the Rainbow Connection - Heimdal's Award Winning newsletter for January (anyone else stuck with the image of XO Adm Willy Smith with a crayola up his nose?) and I am as always humbled to see our department so well represented. The Lyon's 2021 recap, plus "Crew Members of the Year" from science, security, and engineering all represented - what an honor. Several of the crew are having health challenges and I want them to know our thoughts and prayers go out to them.



Snow in the north, wind and rain in the south, it's time to enhance the shields, warm up the reactor, and get the Heimdal back in the game. Here we go folks, "Warp Three" into our next issue....

- Good Health & Adventures,
Capt. Darrell Millner - CEO.
USS Heimdal, R1, Gamma-Sector
"It's no Tribble at all"



Cover WARPCOIL April 1992 V1#4
ENG Newsletter, CEO R. Klingler

STARFLEET BY THE NUMBERS

As of SD 202112.29

- STARFLEET**
- 234 Chapters, 5687 members
- REGION 01**
- 48 Chapters, 1113 members.
- USS HEIMDAL**
- 66
- HEIMDAL ENGINEERING**
- 08



Online Resources

Heimdal's Home Page

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

Engineering Portal

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

<https://R1.SFI.org>

"You keep a saddle on board the Enterprise?" - La Forge
"Yes, er, I never know when I will have the opportunity to ride" - Picard



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



ARE YOU READY?

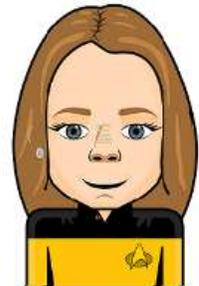
Heimdal Engineering
SD:202110.21



PO3 Gary Burley
Maintenance Engineer
Ship Fitter



Lieutenant 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: 202112.04 – Monthly Engineering Report – Lt. Cmdr. Rowland

Regarding routine shakedown and maintenance of one of our Type 6 Shuttlecrafts during the last month.

The Shuttlecraft performed flawlessly and all systems have checked out, several extra checks and repairs have all been made including the following:

- 1 - The Port Aft RCS Thruster that stuck open during the test has been repaired, and other than making me a little dizzy it caused no major damage.
- 2- I have thoroughly checked the Warp Engine and found no damage from the accidental engaging of the start up procedures before the cooling emitters were online. Since the maximum warp test on this engine will occur in the next month, I will further submit the final report when that happens.
- 3- The laser test of the tracking and weapons guidance systems were normal.
- 4- If I might add this, "although not part of the routine test" the Type-IV Phaser Emitters proved to be effective.
- 5- Per instructions I received from Chief Millner, Covers for the Environmental controls have been installed on all Shuttle Panels



Lt. Cmdr. Larry Rowland
USS Heimdal NCC-1793
Engineering Dept

SD: 202112.27 – Monthly Engineering Report – Lt Zak Lyon

Sir, I am still working on a star fleet academy course Guidance and Navigation Operations. I just wanted to see if there was any updated info since I took this course in my academy days. My mentorship with Ensign Kalyan requires me to stay on top things. Don't want to be caught off-guard by something that has changed on the academic side. You know it is an odd thing. The subspace instructor for this class is named O'Brien. Wonder if he is any relation to that nice guy I met on DS9?

MASU is almost up and running. I'd like to show you the schematics, but Ensign Miyazaki is still doing final design. She is an artist! But a perfectionist.

I have been focusing my attention on daily routine here on the ship. It helps keep my mind off other matters. I am a little concerned about Cmdr. Hatter. He has proprietary information that he is holding close - information that others would do anything to get.

Things have been mostly uneventful this month...makes me wonder what could be waiting around the corner. The Heimdal is always full of surprises.



Lt. Zak Lyon
USS Heimdal NCC-1793
Engineering Dept

SD: 202112.31 – Monthly Engineering Report – Ensign Jody Lyon

Sir, I continue to be happy with my decision to join your team in Engineering. I am learning with each new assignment and continue to be challenged each day. Re: my academy course, I am still working on completing the exam. I appreciate your guidance and support and look forward what is waiting for me as a Heimdal Engineer.



Ensign Jody Lyon
USS Heimdal NCC-1793
Engineering Dept

"At the quantum level, there is no difference between biology and physics. No difference at all. And you talk about spores. What are they? They are the progenitors of panspermia. They are the building blocks of energy across the universe. Physics and biology? No; physics as biology."

- Paul Stamets
2256 - Context is for Kings

STAR TREK
DISCOVERY

A Convoy For Christmas⁴

SD: 202201.00 – Engineering Link Article

- Lt. Zak Lyon



A Convoy for Christmas

Crew members have often asked me about my travels. My family background has allowed me to travel, my father's long life-span resulted in him having contacts everywhere and sometimes actually having participated in what is called history in Starfleet. It is December 25 by Earth-time reckoning – a date that has become synonymous with celebration, and by some a holy day, so I thought I'd share a family tradition that has some Starfleet history.

My parents got hooked up with an organization called the Convoy of Transforming Peace. Some of you may have heard of it. When I was little, I didn't understand everything. I just remembered our annual trip to Starbase 4. A bunch of commercial cargo ships and personal craft would meet there and set out for Cheron. The pitch black of space was lit up with running lights, some enhanced, in a large formation – a convoy.

When we arrived, each group would head to a huge sculpture in the center plaza of the Institution. Some would read the inscription, some would sing, some would tell stories to their children. Some groups would transmit the audio to anyone who might want to hear. Just the audio. Better for listening.

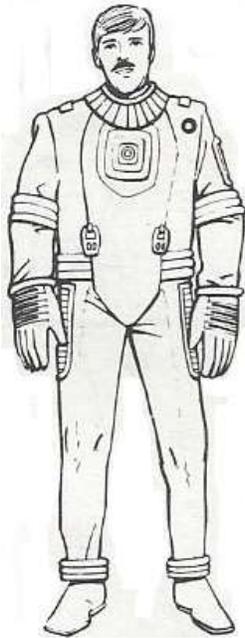
We now know what happened there thanks to reports filed by Captain Kirk of the Enterprise back in 2271, Stardate: 5730. Since then, the planet has been brought back to life by the foundation my father helped to found. Cheron is beautiful now, where before it was rubble and death. There is an institute, center for learning, a great series of museums dedicated to the accomplishments of beings from all over the alpha quadrant. It seems idealic. The planet is still named Cheron. It reminds me of the ancient Greek story of the river Acheron that divided the living from the dead. Seems appropriate.

The sculpture, called "Let This Be Your Last Battlefield," is huge and multidimensional. The medium is native to Cheron. You walk around it, starting with the busts of two people. As you move around, they blend together and you begin to see the story. Eventually, the faces disappear and reform into a yin/yang type figure, common in so many cultures. This one is represented in black and white. The two figures fit together to make a whole. And each figure contains a piece of the other. The plaque begins: "These two men were the last of their kind, embroiled in a 50,000-year conflict. They were each the last one of their races – races that seemed to be exactly the same to outsiders."

This is a monument to two people who could have had peace at any time – if they chose to. The plaque continues "Let us remember, even as we think ourselves above what happened on Cheron, that we each have a bit of all others inside of us. And learn from Bele and Lokai." The artist wanted us not to forget the pointlessness of their struggle, that destruction and futility of their struggle could have been realized at any point. But it was too late for them.

Our family would continue in the convoy back to the Starbase, singing meaningful songs in the darkness. And realize that peace is there to be claimed.

To my crewmates, if you have never seen this monument, make a point to experience it. It is a message we all need to be reminded of from time to time.



Heimdal Engineers at Starfleet Academy

No Updates at this time - Several in process.
2021 Recorded December Graduate(s)

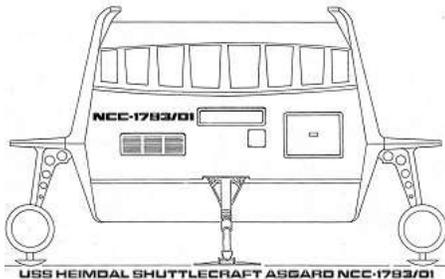


Region 01

Updates that Impact Engineering

Due to a database issue in late November there has been a delay in the listing numerous open positions on the Region 01 site. If you have interest in supporting STARFLEET from a regional perspective be sure to keep an eye out. Details will hopefully soon be posted at <https://r1.sfi.org/open-positions/> .

Remember many Heimdal members have stepped up over the years and taken on roles critical to the development of R1 and STARFLEET as a whole. Including our own Dennis H., Kenny P., Willie S., and of course our CO Linda S. - Millner Out.



If the transporter was working

SD:202201.03 Chief Engineer Millner Reporting

Survey Question: Engineering.

I always enjoy CO Smiths question of the month, which sparked a thought... what if the transporter was working properly....

Where would you like to go for your 3 days of leave?

(Not the Kelvin Time Line transporter)

- Lets say you are on Earth, XO Smith has given you a special 72 hour pass with two transport permissions....

As for me,

- my wife and I to Australia, a quiet resort in the Outback



Heimdal Monthly Engineering Zoom

January - 10 th 7:00 p.m.

Eager to get back on track Engineers.

Let's talk

- game plans for 2022
- status of current projects
- what did you get for the holidays
- what background image with Zak and Jodie choose for the first meeting in Jan? Test run for Heimdal Monthly?

*** Will email coordinates soon, hope 7 pm works ***

If you have scheduling or technical challenges, let me know



Image Credit: ST:First Contact - Paramount Pictures & "TheMacObserver"

Let's face it - LeVar Burton as Chief Engineer Geordi La Forge - The definition of Cool



2022 R1 Regional Summit
Gatlinburg TN March 11th -13th 2022
<http://www.r1summit.com/>



STAR TREK Trivia Anyone?
"In Roddenberry's original treatment for Star Trek, what was the name of the Starship?"

Last Months Question: Which Star Trek actor was shot six times on D-Day?
Answer: James Doohan, details vary, but the core is well documented

Thanks Gary The reason that all Star Trek spaceships meet each other the same way up is because there is a universally decided 'down' direction. Every warp capable vessel has a piece of buttered toast suspended in an antimatter containment unit. It is picked up and dropped automatically by little robot arms, within the unit, four times a minute. The orientation of the buttered side tells the onboard computer which way is down, even when light years from any gravitational field. Klingon ships use a slice of K'gacch spread with T'kr'lagg but the effect is the same.



Special thanks to our contributors this month:
Jody L., Larry R., Zak L., Gary B., Darrell M.

Please note, corrections and Additions are always welcome



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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