



THE ENGINEERING LINK

ISSUE: #014

"Engineers are Warped"

SD: 202210.01



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



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

As always "Welcome" crew, Engineers, and STARFLEET engineering enthusiast, and Region One Newsletter Exchange participants. We may need to call this the STARFLEET ACADEMY Issue, you will see why as we move along, It's been an active month plus we are featuring an important item on page 6 be sure to dig in.

Another spectacular month here in Heimdal Engineering. The team continues to support the Heimdal's Rainbow Connection newsletter with articles, reports and more in addition to our departmental newsletter here. It's a stellar supporting team as I have stated before – constantly improving, being more creative, and raising the bar. Our Monthly Departmental Zoom as well as our Chapter Meeting/Zoom was well represented by our team. We have a defining role in the Chapters Interdepartmental Role Play and I can honestly say none of this team was injured or hit during the Heimdals Phaser Simulation event (paintball), fortunately I also can't say that our team participated this month – need to find a way to improve on that.

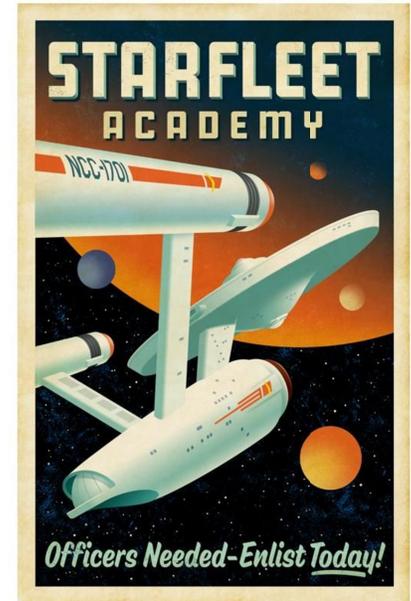
In the next few months we plan to start sharing community support operations – reaching out to amazing people – updates on several of the ongoing projects / documentation and more. September saw significant strides and October should prove to be exciting.

Status update: Unfortunately Captain Lem Campbell has not renewed at this time and as seen on page five (reports) is no longer on the roster. I do hope that changes soon, Lem is a valuable member and his history here in this department will be hard to replace. In addition Cmdr Henderson needs our positive thoughts, cards, and more. He has given permission to provide his address for cards, reach out to me directly if you don't have it, TEAM let him know how we feel.

I am glad to report I continue to participate in the "Solar System Step Challenge" sponsored by STARFLEET Medical and encourage everyone to reach out to CMO T.White for details; it's simple, it's healthy, and helps promote and represent the Heimdal. Let's support our Medical Department folks.

I continue to work supporting our department here on the Heimdal, Region One, SFI Corps of Engineering, and at STARFLEET International. Recently we launched the RDC Engineering web presence to keep CEO's in the loop on activities and communication. It is my honor to serve. WARP SPEED Everyone!

Capt. Darrell Millner, CEO
USS Heimdal -R1 -Delta-Sector
R1 RDC of Engineering
R1 Officer of the Year 2021



STARFLEET BY THE NUMBERS

As of SD 202209.30

STARFLEET

- 6170 Members, 222 Chapters

REGION 01

- 1126 Members, 45 Chapters

USS HEIMDAL

- 59

HEIMDAL ENGINEERING

- 8

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Online Resources

The Engineering Link
trek.millnet.com/eng-link/

Heimdal's Home Page
ussheimdal.com

Region One
R1.SFI.org

STARFLEET International
SFI.org



Capt. Darrell Millner
Chief Engineering Officer



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



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



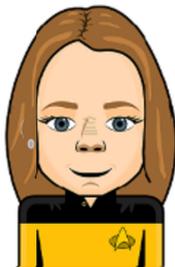
Ens. Larry Whately
Duty Engineering
Quartermaster



PO3 Gary Burley
Maintenance Engineer
Ship Fitter



Lt. Cmdr. Zak Lyon
Helm Officer
Technology Specialist



ENS. Jody Lyon
Dilithium Maintenance
Recreation Officer



Lt Cmdr Bud Walker
Navigator



ARE YOU READY?

Heimdal Engineering
SD:202208.28

2022-OCTOBER

S	M	T	W	T	F	S
				1	2	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	23	27	28	29
30	31	- 25TH REPORTING & ARTICLES DUE FOR THE ENGINEERING LINK				

02-85214

03-85412

04-85413

05-74125

Engineering Reports

SD: 202209.23 – Monthly Engineering Report – Lt. Cmdr. Zak Lyon

This past month I have been thinking a lot about the events of this time last year. I don't know if I have fully processed it all yet. But life on the Heimdal is always full of surprises.

I am getting to know the folks in sick bay really well. This visit was a whole different flavor of weirdness though. Or should I say...species of weirdness. It started out totally harmless. I enjoyed working with Ms. Hassmer in the Elementary class earlier this year. A couple of weeks ago I saw a notice on corridor wall panel outside the arboretum – you know, the small one that I like to hang out in sometimes. Special Volunteers were needed for Ms. Hassmer's classroom. I assumed I would be setting up a holodeck program again, or at least something engineering related. It turned out I was wrong. It turned out to be "Minshara Mike!" Minshara Mike from literally everyone's childhood. This guy shows up with infectious (har) enthusiasm to introduce kids to the myriad of life in the known galaxy. He shows up at starbases, ships, and planetside classrooms every year. I know cloning is illegal so there must be a lot of people in his family with identical features... Well, anyway that's a rabbit hole I don't want to go down.

So, all the volunteers were paired with a creature. And, apparently randomly, I get assigned to hold the "young" Denebian Slime Devil. Why couldn't they just use holograms? Oh, I was fine with the claws and the teeth -Mike showed me how to hold it with a special glove – but I wasn't expecting the other thing. The slime. He said it was acid in nature. I didn't let it touch me, but it seemed to disappear after a second. Here is a fun fact that I didn't know before. I am going to present it to you the way Mike presented it to the kids. "Did you know that when a Denebian Slime Devil gets older it's not slimey at all. But in these first 19 months of life, it copies the biome of any "swamp" it finds itself in. The Slime Devil uses its slime to make itself a copy of its environment. What do you think that means?" A child raised his hand and said, "So that way, it can act like it is just a swampier part of the swamp?" That's when my ears should have perked up. Camouflage. Well, at one point I thought I felt some slime glop down from the thing. I looked down and didn't see anything. The demonstrations continued and I put the thing back in its swampy container.



You usually don't have to worry about bacteria on starships, right? The transporters take care of all that, right? These creatures went through the transporter and quarantine, right? Well, within a couple of hours my foot was killing me. When I took off my boot I noticed a hole that wasn't there before. And a foot that was red and swollen. [Could that slime have eaten through my boot?] It appears the slime ate through the leather and copied the "environment" of my boot. Never saw it because – camouflage. I received medication, but I will need to restrict placing weight on my left foot. I am sure you read the report, but I just wanted to give you the story behind it. I will be attenuating the gravity settings on my personal ambulatory unit and will be able to continue most duty with little breaks for a few days to elevate my foot. No good deed goes unpunished as they say. On the other hand, I am sure I will be back in the classroom again helping where I can.

Relmustaria, our newest bartender, is a Kromsapoid and we have become friends. It makes life interesting when an easy way to "settle up" your extra bar tab is to allow yourself to be shall I say, enthusiastically pursued. Why am I dancing around this, I was hunted. She needed to do it sometime soon anyway. And I wanted access to the older stuff on the top shelf that required payment unlike the regular fare. So, such as they used to say "the cost of doing business" - with a Kromsapoid. I am often the best prey for her hunt because I can really make it a chase. I listen really well she says. Anyway, we both had fun and she gave me a copy of the holo documenting my capture. Guess I won't be doing this for a while



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



"CAN WE BE OF ASSISTANCE"

Engineering Reports

SD: 202209.30 – Engineering Report – Captain Darrell Millner



4

Begin Recording –

< Computer file as Chief Engineering Report SD:202209.30 >

There have been a number of troubling incidents this period but as I have been *ordered* not to include them in my *official* report will address in my personal log, for the record “no details are included in my CEO report per instruction...”

Sadly Captain Campbell took on his new assignment on Starbase Earhart. Oddly other than a quick acknowledgment message to me and suddenly removed from the crew roster he was gone. I do wish him the very best, and hope we will get to serve together again some day. Earhart is lucky to have him. I had hoped for an additional exchange but the Heimdal was ordered away and XO Smith only says we have a priority mission. Hope at today's briefing to learn more but as usual – my task is to confirm Engineering is on task and ready for anything.

CMDR Henderson is currently off the duty roster, still recovering, Medical assures me he is resting well and healing (his treatment regiment is grueling) and when I saw him thru the force field he gave me a cocky grin and a thumbs up signal. Hope for some positive news soon.

According to the update from CMO White Lt.Cmdr. Lyon has been allowed to return to duty after his encounter with that “slimy devil” as he calls it. I'm not convinced that a Helmsman with his leg elevated under the console gives the proper image on the bridge but CO Smith has assured me it will be fine. Though I think RAdm Davis is pleased.

On another ‘Lyon’ note, Ensign Jody Lyon (or is it Ens Jody – Bajoran syntax confuses me sometimes – I need to respectfully confirm that) she has taken to her rotation support duties in shuttle bay with excellent feedback from LCMDR Rolwland. He reports her fresh perspective and energy is a true asset to the project. As an example to her ‘fresh perspective’ and unfortunately an example of some other members ‘complacency’ her question to PO3 Gary Burley has started an avalanche of issues. To the Ensigns benefit she asked “why is bay 3 significantly smaller than the diagrams show?” While reviewing the two of them found a damaged panel and being the professionals they are began removing it to repair.

** A series of alarms went off – computer calling for the evacuation of Bay 3 – Power mode switched to minimal – and the crew did as ordered - RAdm Davis & XO Smith beamed into the outside corridor (wow)** and as I rounded the corner he told all present ‘You are NOT to discuss this with anyone – you saw and heard NOTHING’ and proceeded to lock down the area. Davis looked me straight in the eye, ‘*get your team out of here we'll talk later*’ the door shut behind them and the alarms ceased. Additional security arrived to block the entrances. Communications Chief Glenda Banks voice echo's through the ship “General Quarters, I Repeat General Quarters”

< Computer – End Official Report >

< **Computer – Personal Log – Restricted – No Access** >

Begin Recording – “It has been hours since the event, No comm traffic, it is as if nothing happened but also as if we are sitting on pins and needles. Crew stays professional as always, but you hear the whispered discussions and feel the uneasiness”. End recording.

As I start to leave my station my panel beeps – its a link to a secure file.. the image is confusing, never seen the like, as I open it to view suddenly Security Officers surround me ordering me to follow What did I just see???



Capt. D. Millner
USS Heimdal NCC-1793
Chief Engineer



“YOU ARE REMINDED THAT THIS INFORMATION IS CLASSIFIED, AND YOU ARE NOT TO COMMUNICATE IT WITH ANYONE”

SD: 202209.23 - Monthly Engineering Report - Ensign Jody Lyon

During this past month, I have found myself enjoying my work on the shuttle bay. Keeping the facility in order and the craft ready to go at a moment's notice is one of the most important duty postings. The condition of the shuttles could make or break an operation and I am taking pride in my contribution to this task. I realize that it takes the whole crew to keep the ship well-oiled, but since I have been on this rotation i have so much appreciation for this work and those who perform it. Although I enjoy my current assignments, should a need arise in shuttle operations please consider me.

I have made another decision this month. I had thought that I would be content to continue holding the rank of ensign - having no need to advance. Sometime during this month I came to the conclusion that the time is right and I will try for advancement. Hopefully by the end of the year I will be greeted as Lt. Lyon.

Speaking of crew members named Lyon, I ran into Lt. Cmdr. Lyon in sick bay. I know Lyon is his last name and my first name, but we have bonded over it since that mix up with given/sir name order in the data base. And now I am kind of getting used to it. Anyway, I was in sick bay having a muscle scan. Working on the shuttle bay I found that I had used muscles that I didn't even know I had. A lot of lifting. I know I could use antigrav lifters, but I need to be in condition if and when those devices aren't available. Medical fixed me up. I was in much better shape than the Cmdr. By the prophets, I have never seen anything like what that slime devil did to his foot! Hope he's back to normal soon.



Ensign Jody Lyon
USS Heimdal NCC-1793
Engineering Dept



Interdepartmental Role Play on the Heimdal

UPDATE : Regarding Interdepartmental Role Play Participation
Also reported in the October 2022 issue of the Heimdal's Rainbow Connection

HeimdalRolePlay@groups.io Is now open!

Many of us are already members of the [**HeimdalGroups**] distribution list and enjoy regular updates of chapter happenings, alerts, and more. [**HeimdalRolePlay**] is a separate group specifically designed to enhance the Interdepartmental Role Play experience and empower the team to communicate more efficiently. You can subscribe, unsubscribe, even modify your communication settings. Get timely updates and exchange ideas, add your unique perspective, be part of our story line

To Subscribe email us at : **HeimdalRolePlay+subscribe@groups.io** Please include a note letting us know you are a member of the Heimdal to help with the approval process.

Advertised as: "USS Heimdal NCC-1793 is a member group of STARFLEET International (SFI.org). To enhance the experience our team has developed a role play as a continuing story line detailing our fictitious adventures onboard our Galaxy Class Starship centered in the STAR TREK™ Universe Heimdal's Interdepartmental Role Play promotes unified communication and creative exchange between its members, departments and leadership. If you are a current member of the USS Heimdal and wish to participate or simply stay in the loop prior to the monthly publication in the award winning Rainbow Connection newsletter please join in"



STARFLEET ACADEMY BRIDGE OFFICER CERTIFICATION PROGRAM



The Bridge Officer Certification Program (BOCP) is a program for STARFLEET Officers who wish to qualify themselves as command-ready in the department of their choice. This opportunity is not one to be taken lightly. The BOCP was created for members of STARFLEET to become "certified" in their chapter department(s) as a command-level officer. This program is similar to the Vessel Readiness Certification Program (VRCP), except this is for individual members instead of an entire department. It is awarded in the STARFLEET Database as an Academy award.

This award is earned by successful completion of the program requirements. This involves earning credits in a specific set of courses from the STARFLEET Academy. You must complete and send in the application in order to earn the certification. You may certify in one or more of thirteen (13) different positions, ranging from Flight Control Officer to Commanding Officer.

Participation in this program is entirely voluntary,
and is ***not required to hold any position in STARFLEET.***

For complete details and review use the following link while / or to access your SFA SFI Moodle Account
<https://es.sfi.org/academy/course/index.php?categoryid=30>

Today's article features the **FCO** Flight Control Officer and **CEO** Chief Engineering Officer criteria.

Current Certifications Offered

Commanding Officer (CO)
Executive Officer (XO)
Second Officer (SO)
Chief Communications Officer (CCO)
Chief Engineering Officer (CEO)
Chief Medical Officer (CMO)
Chief Operations Officer (COO)
Chief Science Officer (CScO)
Chief Security Officer (CSeO)
Chief Tactical Officer (CTO)
Chief Weapons Officer (CWO)
Counselor (COUN)
Flight Control Officer (FCO)

Flight Control Officer (FCO)

Institute of Space Studies (IOSS):
 -- College of Spaceflight History: Any two (2) courses
 Institute of Star Trek Studies (IOSTS):
 -- College of Starship Design: Any three (3) courses
 -- College of Starship Operations: CSO-101, CSO-104, and CSO-107

Chief Engineering Officer (CEO)

Institute of Space Studies (IOSS):
 -- College of Spaceflight History: Any two (2) courses
 Institute of Star Trek Studies (IOSTS):
 -- College of Starship Operations: CSO-104 and CSO-107
 Institute of Technology (IOTK):
 -- College of Engineering: Any four (4) courses



"Earn Your Certification and Help Raise the Bar for Your Team"



SFI / Region 01 / USS Heimdal News & Updates

STARFLEET Corps of Engineers : The Corps is taking on a much larger role in SFI and promises great things, the general motto being *"If its built in Star Trek, Think Engineering"* Check out their Facebook Page [STARFLEET Corps of Engineers], Discord & or Reach out to your Chief Engineer for updates and how the program will help you! In August they had a contest and providing website design work for a new chapter "USS White Sands" courtesy of CoE's WebDev & Graphics Department. The discussions regarding 3D printing and other projects are very exciting.

STARFLEET Medical - Solar System Challenge for October – The Venus!

Track your steps daily as we start at Tepev Mons as we traverse the planet named for the Roman goddess of Love. Please submit your updates **weekly** to CMO White, October report weeks are: Week 1: October 1st to 7th Week 2: October 8th to 14th Week 3: October 15th to 21st Week 4: October 22nd to 31st

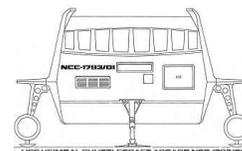
USS Heimdal : If you have not taken time to dig into this months exciting issue of the Rainbow Connection you are missing out on so many things. Engineering is of course representing from several angles, updates on social events [Putt Putt anyone], upcoming meetings, parties and more. It's your chapter, come on in the water is fine. Engineering is also hosting the Zoom this month so come support your department.



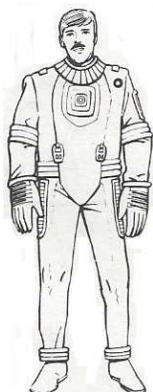
Heimdal Monthly Engineering Zoom

SD: 202210.17 ED: **Oct 17, 2022** 7:00 pm eastern
Zoom coordinates were sent out via email on 18SEPT and will be the same for the foreseeable future. 3rd Monday each month Come join your Engineering team in a lively discussion about everything from Strange New Worlds, Prodigy, SFA, Reports, Stories, Tools, Gardening, Weather and more. It's lots of things, but boring IS NOT ONE OF THEM – Money Back Guarantee - Digitally – Face to Face – you may be surprised at how much fun it can be. If you have scheduling or technical challenges, reach out!!

STARFLEET
EDUCATIONAL SERVICES



Heimdal Engineers at Starfleet Academy



2022 September Graduate(s)			
Captain Darrell Millner			
IOSTS - College of Starship Operations (IOMS:CO SO)			
CSO - 101 - Flight Operations	HONORS	09/04/2022	
CSO - 103 - Rescue and Evacuation Operations	HONORS	09/12/2022	
OSS - College of Spaceflight			
GEMI 101 - Gemini 1	DISTINCTION	09/26/2022	
GEMI 102 - Gemini 2	DISTINCTION	09/26/2022	
IOLS - STARFLEET Data Protection Policy			
SFDPP 2022-2023 Data Protection Recert.	DISTINCTION	09/12/2022	
IOTK - College of Engineering			
CENG 203 - Other Starfleet Engineers	DISTINCTION	09/29/2022	
SFA Awards			
BOCP - Chief Engineering Officer Certification	AWARDED	09/30/2022	

ENGINEERING IS RECRUITING



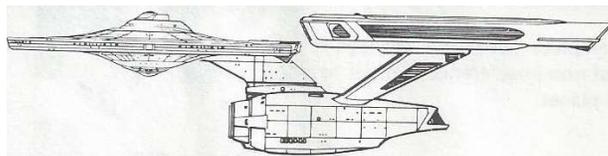
<repeat> That's a thought that needs to be on all of our minds.

Are you enjoying your time here in Engineering, on the Heimdal, in Region One, in STARFLEET? Then share it. Let people know that \$5 dollars a year opens a wonderful door to meeting new STAR TREK friends / fans, Cosplay, paintball, chili cook offs, STARFLEET Academy, charity outreach, and so much more.

Remember, if you are having a good time, likely they will find a niche here too. I'm preaching to myself as well, I have missed many opportunities to engage in fuller conversations, zoom invites, and more. I'm working on my follow through, how about you?

"Oh, if you are *not* having a good time, let's talk, there ARE *Answers*"

Several Format and Subject Changes this Month



We are Working to Provide you More. We hope you Enjoy It

STAR TREK Trivia Anyone?

- Which ST:TNG crew member was the first to be promoted in rank officially?

Last Months Question :

SEPT: - In which season did we learn the name of Guinan's race and home world?

Answer: Guinan's race is never named during the series - only that 'We've been called a race of listeners.' It wasn't until the 1994 theatrical release 'Star Trek: Generations' we hear El-Aurian

Special thanks to this months contributors

- Z. Lyon, J. Lyon, D. Millner

Please note, corrections and additions are always welcome



Thank you to the following very helpful online resources

- whatculture.com/star-trek
- funtrivia.com/trivia
- memory-alpha.fandom.com/

MEME and Comment



STAR FLEET
POSTAL
SERVICE

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