



# THE ENGINEERING LINK

ISSUE: #016

*"Engineers are Warped"*

SD: 2022.12.01



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, STARFLEET engineering enthusiast, and Region One Newsletter Exchange participants. Welcome to the December 2022 installment of our Engineering Department Newsletter from the crew of the USS Heimdal. While technically located in Amherst, Virginia, USA our 8 members of Engineering are found across SFI in location scattered from Central Georgia (USA) to the United Kingdom, from Altavista to Fairfax, VA and several locations in between. Many of us have the option to attend chapter activities locally, most of us benefit greatly from Teleconferencing via Zoom, and the email comm traffic can get moving quickly lol. Like many organizations we have members that are active yearly, daily, and everywhere in between and its a joy to support them where ever they are on their personal SFI.org journey.

Let's jump in, today is the 3<sup>rd</sup> and the Heimdal participated again this year with an amazing quality float for the annual Amherst County Christmas Parade in Amherst Virginia on Dec 2<sup>nd</sup> Now, I know - Millner that was the night before, and you would be right. It's more of a "So proud of what the team did last night between the crew and Davis's guidance. Always a great event and it didn't pour down rain this year. Look for full details in the Heimdal's Rainbow Connection December Newsletter. Back to the 3<sup>rd</sup>, those in the know - know I strive to publish the Link by the last day of the month, this month I failed. A lesson to me to stop putting things off even when reasonable. The 28<sup>th</sup> thru - 2<sup>nd</sup> are may busiest times of the month and to be bed ridden with a harsh flu, no more details, it was bad, but I am learning to be better prepared.

Gonna show my age here ha ha, "back in the day" I juggled several personal websites and one of the joys was including in the program a hit counter so I could have a feel of how many times a page was open and theoretically viewed. With direct email, links to online resources today and Newsletter Distribution Services (which I really appreciate Hoppa) it does however leave you wondering how many people take a look. A lot like getting a <like> on Facebook, Youtube, Rumble or the sort. But for those of you that do dive in 'Thank You'. It's truly hoped you get value, enjoyment and a little "TREK" in your day while you are here. The Engineering Team works hard to meet their deadlines, to keep it interesting, and as an added bonus juggle a Chief Engineer with "ADD\*" Attention, Deficit, Squirrel!

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



Available via Amazon  
<https://a.co/d/hqoNZBx>

## STARFLEET BY THE NUMBERS

As of SD 202211.29

### STARFLEET

- 5750 Members, 224 Chapters

### REGION 01

- 1039 Members, 44 Chapters

### USS HEIMDAL

- 60

### HEIMDAL ENGINEERING

- 8

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### Online Resources

#### The Engineering Link

[trek.millnernet.com/eng-link/](http://trek.millnernet.com/eng-link/)

#### Heimdal's Home Page

[ussheimdal.com](http://ussheimdal.com)

#### Region One

[R1.SFI.org](http://R1.SFI.org)

#### STARFLEET International

[SFI.org](http://SFI.org)



**Awarded 2021 Region 01 "Communications Excellence" Best Departmental Newsletter**



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



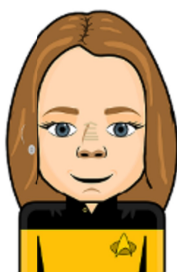
Ens. Larry Whately  
Duty Engineering  
Quartermaster



PO3 Gary Burley  
Maintenance Engineer  
Ship Fitter



Lt. Cmdr. Zak Lyon  
Helm Officer  
Technology Specialist



ENS. Jody Lyon  
Dilithium Maintance  
Recreation Officer



Lt Cmdr Bud Walker  
Navigator



ARE YOU READY?

Heimdal Engineering  
SD:202208.28

## 2022 - DECEMBER

S	M	T	W	T	F	S
- 17 <sup>TH</sup> HEIMDAL CHAPTER MEETING - 19 <sup>TH</sup> ENGINEERING DEPARTAL ZOOM				1	CHRISTMAS PARADE 2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
30	31	- 27TH REPORTING & ARTICLES DUE FOR THE ENGINEERING LINK				

02-85214

03-85412

04-85413

05-74125

# Engineering Reports

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**SD: 202211.25 - Monthly Engineering Report - LCDR Bud Walker**

/begin/

Captain, I am happy to report that I have received my certification for Chief Engineering Officer in the Bridge Officer Certification Program. While my assignment as Navigator does not often involve me in the more “nuts and bolts” part of the department, nevertheless I want to be knowledgeable about all aspects of our field of responsibility. Also, I want to be able to fill in at the Engineering station on the bridge in an emergency. I plan to seek certification as a Chief Operations Officer next, to compliment my secondary assignment with the Quartermaster section.

Which leads me to my investigation regarding the so called “haunted” crew quarters. I have to admit that I was somewhat shaken by Crewman Hooper’s reaction and emotional state. I realize that crewman sessions with a counselor are privileged and that I could not inquire as to Hooper’s progress. However, I decided to ask a favor from Lt. T’Ploth, who I have come to know and is in the medical section. Hopefully this was not stepping beyond regulations, but truly all I needed to know was whether Hooper was delusional or not. I asked this of T’Ploth and assured her that I did not want to know anything more about Hooper’s private information. She considered for a moment and then replied in that matter-of-fact manner that all Vulcans have, “I cannot comment on the medical or mental progress of any crewman with you. Regardless, it is a fact that any crew found to be in a delusional state of mind, would be confined to sickbay.” She then turned her attention back to her duties, giving me no further thought. In a human this would be considered a bit rude, but knowing Vulcans as I do, I took no offense. Besides, I had my answer. I knew Hooper was still in his replacement quarters and *not* in the sickbay.

If Hooper was not delusional, then that left only two possibilities; Hooper was knowingly lying about his experience, or he truly experienced something. I do not know if I am a good judge of people or not but looking into Hooper’s eyes when he pleaded with me, it was difficult for me to believe that he was acting. Not wanting to admit the existence of ghosts, I am convinced there must be a reasonable explanation for what is happening.

I picked up a tricorder and headed down to the secondary section of the ship. Knowing that you had ordered that room 3825 be left vacant and the adjoining rooms be cleared, I did not have to worry about disturbing anyone by snooping around. I first entered the cabins on either side of 3825. I ran several scans, checking environmental systems and power conduits, to see if any energy or substance was “bleeding” into the next room. I found everything within normal parameters, so all that was left to do was investigate the target room itself.

I stood for a moment outside the door to room 3825, wondering ..... Then I shook my head and chased all illogical and ridiculous thoughts out of my head. “Override security lockout,” I stated, and the door obediently opened for me. The room was dark as I stepped in and it was surprising that the lights did not activate once I was inside. I said, “lights,” but nothing happened. Speaking a little more loudly this time, “Computer, activate lights in crew quarters 3825.” The ship’s computer immediately replied, “Room lights in crew quarters 3825 are on.” Now that was unusual! The ship’s computer is rarely wrong, so I suspected some type of malfunction. I stepped over to the control pad on the wall and tried the button for the lights and was rewarded with full illumination within the room. Again, it was unusual for there to be a disconnect between voice control and touch control.

I activated my tricorder and began to assess the relays in the wall between the control panel and the room microphone, to see if I could find the malfunction. As I was performing the scan, I began to feel a slight chill. I ignored it at first, thinking my imagination was playing tricks on me. But within a few seconds, it became noticeably cold. I looked up from my tricorder and stated, “Computer, raise temperature in room 3825 to 22 degrees.” After a moment, the computer replied, “Temperature in room 3825 is currently 22 degrees Celsius.” I exhaled and could see my breath frozen in front of me. As my friend T’Ploth would have said, “Clearly not.” Using my tricorder, I took the ambient temperature, and it showed -1 degrees, so I was not suffering from a hallucination.

[Continued]

## LCDR Walker - (Continued)

Given that something was happening inside the room, I decided to do an old-fashioned search using my skills from being a security officer in .... the other place. I tossed the bed and furniture, finding nothing. I examined the sink and sonic shower, again nothing. I then began to examine the seams along the walls when I felt something else, in addition to the cold. I admit that I have difficulty in describing what happened next. It was like an overwhelming sense that someone was standing behind me. I whirled around but saw no one there. I stepped back into the middle of the room, looking around in all directions. At first, I saw nothing but then I spotted a movement out of the side my eye. I turned and demanded "Who's there?" But again, there was nothing. I could feel the hairs on the back of my neck begin to rise, and I admit I was frightened. I unconsciously took a fighting stance and shouted, "Whoever you are, make yourself known to me!" I was greeted with silence.

I pulled the tricorder back out and was just beginning to do another sensor sweep when I saw it. Some type of form appeared across from me and began swirling, like a small cloud or smoke. Against all rational thought, I was terrified. I had barely registered that it appeared green in color when I was overwhelmed with a need to escape. It was only due to some of the mental disciplines that I had learned from my brief time on Vulcan that kept me from literally running into a wall. I was able to maintain just enough presence of mind to make it to the door and exit.

I stood outside room 3825, leaning against the wall opposite of the door, trying to regain control of my breathing. I could feel the warmth of the corridor and I focused on that sensation, which then allowed my mind to clear. I practically stammered as I said, "Computer, restore security lockdown, room 3825." I heard the computer chirp to signal that my command had been obeyed.

As my breathing returned to normal, all I could say to myself was, "What the Frak just happened?"  
/end/



## SD: 202211.25 – Monthly Engineering Report – Lt. Cmdr. Zak Lyon

Sir,

By all the stars in all the heavens and all the engineers past, present and future that have ever shepherded a ship home, I will find out what is wrong with internal ship communication functioning.

I have been looking into this malfunction since that report I forwarded to you got lost in the network. It was like it just got plucked out of the stream by a mischievous elf. As I was investigating, I found that others were experiencing hiccups using the system. The computer seems a little wonky too - giving misinformation when answering a query. Particularly confusing on such a large ship is when it incorrectly locates crew in the wrong quarters. It has given us a bit of a wild goose chase, I have to tell you! Two birthday celebrations were impacted this week alone. You don't want people showing up late to a surprise party because of a "wrong address." Surprise! I have also gotten a report that revelers have busted into a friend's quarters with balloons and banners only to find that they did not know the resident. The resident's birthday was the same date as their friend's. Thankfully it was worked out and the crewmen are laughing it off. They decided to have a joint birthday party next year.

I still have not found the underlying cause. It almost seems intentional at times, like the system is having fun with us. A trickster of a sort. A practical joker.

Communications has been working with us. Their department has been doing so much, I want to see what I can do for them and resolve this mystery before things go really haywire.

Thankfully we are close enough to earth's moon for me to visit captain Tate. She's an old friend and has experience with systems that are "acting up." I think she can help me work this out. She is assigned to the old Gateway Station. As a historian, she has had to use her skill to keep out of date tech going, to coax it to "be good" as she calls it. She encouraged me not to use the system to solve the mystery as it may not respond in a "helpful" way. All this is to say, sir, that any files that may not have gotten to you should show up soon with permission to consult with captain Tate face to face. And while I am checking in with her on what is purely ship's business, there would be nothing stopping me dropping by to celebrate with some friends on Tyco City. After all, there is nothing like Thanksgiving in Artemis Square - if you can get good seats for the parade, that is. But, of course, I would only be doing this during the course of my duties. As always. With thankfulness and gratitude, sir.

Clear skies.





## Engineering Reports

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**SD: 202211.28 – Monthly Engineering Report – Ensign Jody Lyon**

Sir,

As I stepped out of the turbolift headed to my post, my brain was still going through the mind exercises of the night before. Yesterday was quite a day. It started with my desire to complete a Bajoran ritual associated with the gratitude festival, as many crew members were celebrating the earth holiday called Thanksgiving and it would actually match up our family celebration back home. The replicator should have provided me with the bateret leaves needed for burning. The first attempt resulted in a small bat. With coaxing I was next able to get the leaves I needed but they were so dry and crispy that there would be no aroma. On the third try, I was rewarded with perfect leaves...that promptly burst into flame and were reduced to ash in seconds. I thought I heard a slight chuckle and turned to see no one behind me. What's up with this thing! Giving up...I must have looked down hearted. Lt. Carter, whom I had only spoken with once even though we are both in Engineering, invited me to his Thanksgiving celebration with his friends. This was a group of five crew members who all had earth roots in a place in the United States called Virginia. Claiming that the first Thanksgiving took place there, Carter said this would be the best place for me to experience my first thanksgiving. It was wonderful. The food was delicious, though not as spicy as I generally liked. They had each prepared a dish the "old fashioned" way. That was probably a good idea the way the replicator had treated my earlier request. We had great conversations about the holiday, Virginia history, recipes and sports. I learned a lot. We talked about what we were thankful for over the last year. I was thankful for the Heimdal and it's crew. And five new friends I had made. After a sweet treat and pumpkin coffee, we all slouched on Carter's comfortable chairs to digest. Conversation eventually made its way from the everyday to the abstract to the theoretical. Yes...we went there... Dimensional travel. Time travel. And the rumors of a secret Starfleet branch. We argued our own theories, presented conundra, debated for hours. By the time I left his quarters it was late and my head was spinning. I wondered if I would have the time to catch a few hours of sleep before I needed to report to duty. When my alarm roused me, it awakened me from dreams - maybe nightmares - of time travel. I don't think I like to think about it too much! I did make it to Engineering on time. And reminded myself to report the replicator oddity ASAP.



**SD: 202210.26 – Engineering Report – Captain Darrell Millner**



/ Begin Recording

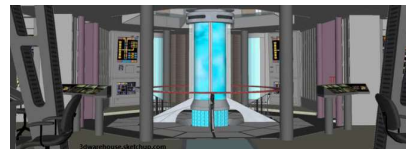
Between our regular staff meetings, engineering reports, and interacting with the crew in my normal day by day routine one gets the advantage of the over all 'pulse' (so to speak) of the ship as a whole. And yes most things are moving along well as one would expect. Well baring that '*derelict craft*' that I still cannot discuss in a general sense yet. Is it coincidental with the 'hiccups' Lt. Cmdr Lyon mentions in his report? We'll have to see. But it is not lost on me that Ens. Jody L. reported "replicator oddities" (as she put it), and Lt. Cmdr Lyon's reports of "wonky computer system errors"... [[ ok hold on, 'oddities, wonky & Frak' ... note to bring this up at the next staff meeting ]] ... I am particularly concerned on the issue of computer interface providing "misinformation when answering a query", will get the team started on diagnostics across the board and bring CO Smith and the Department heads up to speed during our session this afternoon.

I still need to follow up with XO Smith regarding Admiral G. Franklin's team over at R1 RDC of Paranormal Sciences and if they will be supplying resources to assist. As Walker has reported again regarding 3825 this has gone too far. I am also directing him to report to medical to confirm he was not exposed to any toxins or hallucinogens during his research.

Personnel Related: Multiple team members are making encouraging progress with remote SFA courses. Most notably LCDR's Walker and Lyon, as is ENS Lyon. They are setting a keen example for the rest of the department and it is not going unrecognized. I also recently had coffee with PO3 Burley, though he had nothing specific to report it was a good exchange and I am impressed with his project progress in the shuttle bay.

Personal Update: I was down with a bad stomach flu for several days recently, hoping it had nothing to do with the replicator issues, and in as such got rather behind on my reporting for R1 RDC Director Jackson. Fortunately he provided me with the needed extension and I am all up to date now. There will be upcoming virtual discussions with R1 Chief Engineers regarding the program and its goals for the upcoming year.

Miller Out /End Log



## The Wonder that Will Be - Lt. Cmdr. Zak Lyon

It is fantastic to have friends in creative places. Places where ideas leap off the page and come to life. And having spent some time at several shipyards, there is nothing like Utopia Planitia. I still have several friends there. Friends that share non-sensitive information with me. I was at least assured that everything we talk about has been cleared and not top secret. Sometimes I find that hard to believe that there is even more stuff that I am not privy to. I can't wait to see some of the final projects.

Having dabbled in a bit of design myself, I have been obsessing over the last months at the schematics my friend Raven shared with me for the redesign of the Intrepid class. This thing is enthralling. Raven said they are thinking speed and maneuverability. She said: "We can get this ship into places where the Heimdal would surely bump its head." As a pilot, I couldn't help being a little bit stung by this comment. But all of that goes away when I realize this small ship is being equipped with just as many holo-emitters as we have on the Galaxy. It can't possibly have that many holodecks! There is a surprise she hasn't shown me yet. I am sure of it.

And here's the weirdest part and I can't get it out of my mind. I am an engineer. I listen to the warp core thrum every day and I understand the reactions going on in there. But now they are coming up with a warp core that can think? Maybe? Raven said not in the first roll out, but maybe in the second wave of these ships they are going to have a thing called bioneural gel packs. I may have missed a week of high school level biology once because of Jabalean shingles, but neural means brains, right? Mind you, this is the non-classified version of the info on this ship. I don't know if I am ready for the warp core to start disagreeing with me. I might have joked about some of the choices they've made with this redesign, but in truth I am drooling here as I pour over the schematics. I mean this is the new frontier.

The Heimdal will always be my home. And I love this ship. I know that the Galaxy class has ancestors stretching back centuries, but this new stuff is really cool. Maybe I can suggest some of the helmsmen I work with on the Heimdal when they start crewing these things up. It seems like they are going to get everything running so smoothly that these quick missions they are planning for the Intrepid class are going to be a breeze. Nothing could go wrong. With a warp core that could potentially have ideas, on the other hand...

I will be interested in seeing this ship when it comes off the line in a few years. I look back at the schematics. You can see "wonder" edging off the page and waiting to exist in three dimensions. Waiting to be.

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



### "Dream Chaser"

This issue I'd like to shine light on **SIERRA SPACE** and their *Dream Chaser* Uncrewed Spaceplane. 'The Dream Chaser spaceplane is a multi-mission vehicle capable of supporting a variety of LEO needs. It can be customized for both domestic and international customers via vehicle configuration, launch site, destination, landing site, duration, and a host of other variables. We have entered into agreements with multiple international space agencies. Together we are developing technologies, applications, and missions for Dream Chaser-based space systems.... Under NASA's Commercial Resupply Services 2 (CRS-2) contract, Dream Chaser will provide a minimum of seven cargo service missions to and from the space station. With the help of our Shooting Star™ service module, Dream Chaser can deliver up to 5,500 kg of pressurized and unpressurized cargo to the space station, including food, water, supplies, and science experiments and returns to Earth. Dream Chaser can return critical cargo at less than 1.5 g's using a gentle runway landing. Designed for high reusability, this vehicle reduces overall cost, providing quick turnarounds between missions. The ability to liftoff on top of multiple launch vehicles and land at a wide variety of runways makes Dream Chaser a flexible option for reliable transportation.'

There are a number of amazing projects going on out there both military and commercial, from Space Force's X-37B Space Plane which landed recently after 908 Days in orbit unmanned, SIERRA SPACE Dream Catcher, to Radian One. STAR TREK gets closer to us every day.... Be Amazed.... – Captain Millner



## Heimdal Engineers at Starfleet Academy : NOV 2022

### Captain Darrell Millner ( 30 Courses, 3 Award(s) )

**SFA Awarded BOCF** -Chief Operations Officer Certification from the School of SFA Awards on Nov 8, 2022

**SFA Awarded ADP** - Associate of Federation Studies from the School of SFA Awards on Nov 21, 2022

**SFA Awarded ADP** - Associate of Space Studies from the School of SFA Awards on Nov 26, 2022

School of IOSTS - College of Starship Design (COSD)

**DISTINCTION** for COSD 124 - NCC-1701B Schematics completed on 11/03/2022

**DISTINCTION** for COSD 124A -NCC-1701B Schematics completed on 11/03/2022

**DISTINCTION** for COSD 124B - NCC-1701B Schematics completed on 11/03/2022

**DISTINCTION** for COSD 124C - NCC-1701B Schematics completed on 11/03/2022

**DISTINCTION** for COSD 124D - NCC-1701B Schematics completed on 11/08/2022

**DISTINCTION** for COSD 124E - NCC-1701B Schematics completed on 11/09/2022

**DISTINCTION** for COSD 125 - NCC-1701C Schematics completed on 11/09/2022

**DISTINCTION** for COSD 125A - NCC-1701C Schematics completed on 11/09/2022

**DISTINCTION** for COSD 125B - NCC-1701C Schematics completed on 11/09/2022

**DISTINCTION** for COSD 125C - NCC-1701C Schematics completed on 11/09/2022

**DISTINCTION** for COSD 125D - NCC-1701C Schematics completed on 11/20/2022

**DISTINCTION** for COSD 125E - NCC-1701C Schematics completed on 11/20/2022

**DISTINCTION** for COSD 125F - NCC-1701C Schematics completed on 11/20/2022

**DISTINCTION** for COSD 125G - NCC-1701C Schematics completed on 11/20/2022

**DISTINCTION** for COSD 125H - NCC-1701C Schematics completed on 11/20/2022

**DISTINCTION** for COSD 121 - NX-01 Schematics completed on 11/16/2022

IOSTS - College of Star Trek Rank & Insignia

**DISTINCTION** for IOSTS:CORI-101 ENT Rank Recognition completed on 11/17/2022

**DISTINCTION** for IOSTS:CORI-102 TOS Rank Recognition completed on 11/17/2022

**DISTINCTION** for IOSTS:CORI-103 TNG Rank Recognition completed on 11/17/2022

IOSTS - College of Starship Operations (IOMS:CSO)

**HONORS** for CSO-105 - Communications Operations completed on 11/04/2022

**HONORS** for Medical Operations completed on 11/06/2022

IOSTS - College of Treknology (IOSF:COT)

**HONORS** for TOS-104 - Technology completed on 11/13/2022

**HONORS** for DS9-104 - Technology completed on 11/13/2022

**HONORS** for VOY-104 - Technology completed on 11/20/2022

**PASS** for ENT-104 - Technology completed on 11/20/2022

IOTK - College of Laser Technology

**HONORS** for COLT 105 - Lasers part 5 completed on 11/15/2022

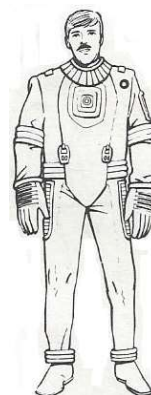
**HONORS** for COLT 101 - Lasers part 1 completed on 11/20/2022

IOTK - College of Plasma Technology

**HONORS** for CPT 101 - States of Matter completed on 11/30/2022

**HONORS** for CPT 105 - Plasma forms and uses completed on 11/14/2022

**DISTINCTION** for CPT 106 - Defining Plasma types completed on 11/14/2022



### LCDR William "Bud" Walker ( 7 Courses, 1 Award )

**SFA Awarded BOCF** - Chief Engineering Officer Certification on 11/05/2022

IOTK - College of Engineering

**DISTINCTION** for CENG 210 - Geordi La Forge on 10/27/2022

IOSTS - College of Star Trek Rank & Insignia

**DISTINCTION** for CORI-103 TNG Early Rank Recognition on 11/02/2022

IOSTS - College of Starship Operations

**HONORS** for CSO-105 - Communications Operations on 11/06/2022

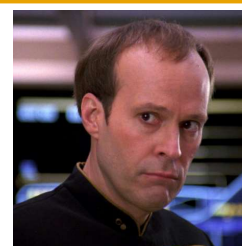
IOSTS - College of Starship Design (COSD)

**DISTINCTION** for COSD 123 - NCC-1701A Schematics on 11/06/2022

**DISTINCTION** for COSD 123A - NCC-1701A Schematics on 11/08/2022

**DISTINCTION** for COSD 123B - NCC-1701A Schematics on 11/08/2022

**DISTINCTION** for COSD 123C - NCC-1701A Schematics on 11/08/2022



*"It's a Certification,  
I'm Really Not After  
Your Position Sir"*



"The Engineering Link" will not only detail Educational Records for courses completed by its Engineers via STARFLEET Academy, we will also make special note of any Awards received from the same (CoE, & More)



**LCDR William M. "Bud" Walker, Jr**

**Bridge Officer Certification Program**  
Chief Engineering Officer (CEO)



**CAPT Darrell W. Millner**

**Bridge Officer Certification Program**  
Chief Operations Officer (COO)



## STARFLEET ACADEMY DEGREE PROGRAM

Associate of Space Studies / Associate of Federation Studies

**CAPT Darrell W. Millner**



**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. --- 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 More specifics visit <https://es.sfi.org/academy/course/index.php?categoryid=30>

**Academy Degree Program (ADP)** Here is where you gather all the certificates you have earned over the years and earn Academy-wide degrees. Currently there are 17 degree categories from Alien Studies, Intelligence Operations, Space Studies, Science Fiction Studies, and much much more. Degrees range from Associate (60 courses), Bachelor (120 courses), Master (180 courses), Doctorate (240 courses) in each of the categories. For More specifics visit <https://es.sfi.org/academy/course/index.php?categoryid=29>





## **SFI / Region 01 / USS Heimdal** **Quadrant Updates**



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**USS Heimdal** : Congratulations on a spectacular parade float. Carl – what a great team! The Rainbow Connection, Monthly LIVE meeting (with zoom access available), Paintball, social events and more. This is your chapter, come on in the water is fine. BTW, Can Goods for Charity.

### **STARFLEET Medical - Solar System Challenge for December is THE SUN! :**

Track your steps making a trek around our Sun, by journey through from it's outermost layers through to its core and experiencing all of its most important features. Please submit your updates weekly to CMO White, Please get them to her on the day after the tracking week ends. December report weeks are: Week 1: December 1st to 9<sup>th</sup>, Week 2: December 10<sup>th</sup> to 16<sup>th</sup>, Week 3: December 17<sup>th</sup> to 23<sup>rd</sup>, Week 4: December 24<sup>th</sup> to 31<sup>st</sup>. Earn your certificate, it's simple, participate – document progress – reap the benefits – Help Support Heimdal Medical.

**SFA – STARFLEET Academy / STARFLEET Corps of Engineers** : New certification programs are in the works, some of you are already in the process. Updates will be forthcoming soon.

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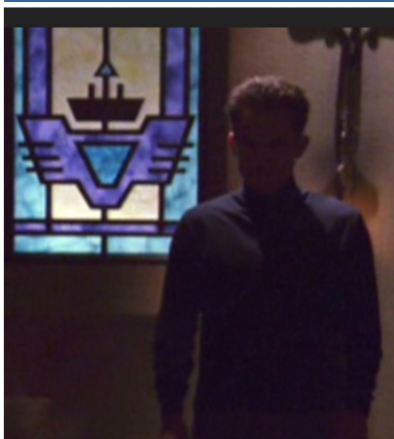
### **Heimdal Monthly Engineering Zoom**

SD: 202212.19 ED: **DEC 19, 2022** 7:00 pm eastern

Zoom coordinates were sent out via email on 18SEPT and will be the same for the foreseeable future. 3<sup>rd</sup> 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. Need the coordinates resent, email [trek1793@millnet.net](mailto:trek1793@millnet.net)

If you have scheduling or technical challenges, reach out!!





ENT: 3x06 Exile / Tarquin's

## Recycling Star Trek Style

< STAIN GLASS > Prohibitively expensive perhaps but always adding a sense of grandeur to a scene these windows made it across time and the galaxy appearing in both ST Enterprise and ST Nemesis.

One can respect the recycling of items and grin about them at the same time. Personally, I think they looked great.

Initial source "10 Origin of Star Trek Props You Won't Believe" YT by TrekCulture



ST:VI Nemesis / Romulus

10

**Heimdal Engineering will be sponsoring the chapters January Meeting. In addition to providing Zoom Support, Our Team Will be Hosing the Show Engineers watch your email for updates.....**  
**SD: 202301**



## STAR TREK Trivia Anyone?

- Who is the first crewmember to encounter a Borg in the flesh in 'Q Who'?

**Last Months Question : What was the first episode of 'ST:TNG' that featured \*NO\* scenes on the bridge of the ENTERPRISE? Answer: "Family"**



### Special thanks to this months contributors

- J. Lyon, Z. Lyon, B. Walker, G. Burley, 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/



'Until Next Month'



**STAR FLEET**  
POSTAL  
SERVICE

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