



THE ENGINEERING LINK

"Engineers are Warped"

ISSUE: #018-R
SD: 202303.01



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



Salutations Engineering Team of the USS Heimdal NCC-1793 – Region 01

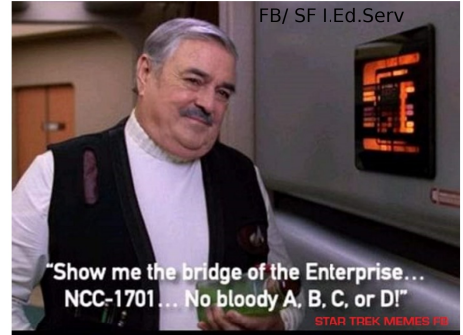
Welcome to the FEB/MAR edition of The Engineering Link.

Short version, the editor was out of state with a family medical issue and was too overwhelmed to maintain. I want to thank ALL of you that shared well wishes and prayers, my family thanks you all for the love, support, and understanding. The answer is YES, going very well.

Glad to report all is heading forward and this Engineer is ready to warp into 2023. Speaking of which 2023 has started off with a BANG with the our Engineering Team hosting the Heimdal's January Monthly Meeting. The Saturday night in question I was in Oklahoma off Route 66 sitting with my wife participating in the zoom. Never let it be said you cannot participate from a distance. It was my turn and pleasure to be the Zoom host, but our Engineering team provided this months entertainment / information session with a unique (to us) presentation "*A Day in the Life of an Engineer*" (see page 9) a HUGE shout out to CMDR Walker who provided on site tech support as well as being the technical AV and content editor behind the scenes of our presentation. As our team discussed ahead of time "we really hope they enjoy it, but we had a great time creating and collaborating on this, so – it's all good!" I cannot begin to say how proud I am of the team and their creative efforts – more to come.

Remember achieves of the The Engineering Link can be found at this link (<https://trek.millnernet.com/home/eng-link/>) and the Heimdal's Newsletter "Rainbow Connection" via (<https://www.usshemidal.com/rainbow-connection-newsletter>) regarding this powerful presentation.

So people we have reports, stories, articles, write ups, updates and so much more in this issue so strap in and lets get started...



STARFLEET BY THE NUMBERS

As of SD 202302.25

STARFLEET

- 5851 Members, 219 Chapters

REGION 01

- 1054 Members, 43 Chapters

USS HEIMDAL - 57

HEIMDAL ENGINEERING - 8

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Online Resources

Heimdal's Home Page
ussheimdal.com

The Engineering Link
trek.millnernet.com/eng-link/
Region One
R1.SFI.org

STARFLEET International
SFI.org

STARFLEET Academy
es.sfi.org/academy/my/



"Make the most of all travel"



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



Awarded 2022 USS Heimdal "Department of the Year"

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



CMDR Zak Lyon
Helm Officer
Technology Specialist



ENS Jody Lyon
Dilithium Maintance
Chief Recreation Officer



CMDR Bud Walker
Navigator
Quartermaster 2



Come Join Our Team

202302.0

2023 - MARCH

- 01 Rainbow Connection Articles Due
- 09 IRP - ROLE PLAY MEETING
- 18 HEIMDAL CHAPTER MEETING /& ZOOM
- 20 ENGINEERING ZOOM
- 25 REPORTING & ARTICLES DUE FOR THE ENGINEERING LINK

02-85214

03-85412

04-85413

05-74125

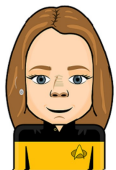
"Maybe You Are Seeing Double, But There Is A Method To The Madness"

- A Note from the Chief Engineer / Editor-In-Chief -

Without beating a dead targ, the crew and I discussed it and even if the 202302 Issue 18 did not occur we are staying the course. This issue includes two months of reporting for some, SFA records for 1/1/2023 - 2/25/2023, and extras. Sad to say, no we did not double up on Trek Trivia however hope you enjoy some of the added features in this issue. - 'Third Star to the Left, and on till morning'....



"Lets Roll"



SD: 202301.28 - Monthly Engineering Report - Ensign Lyon Jody



Sir,

What a month. Lots of unique challenges and new confidences gained. I appreciate the opportunity to gain more skills that benefit the operations of the Heimdal. Please consider me for any secondary operations/missions where I can sharpen new skills. I request an opportunity to do maintenance on the "worker bees" when a slot opens. This is new tech to me.

I am embarking on a new interdepartmental investigation of the communication system on the ship as the result of the "strange" intermittent malfunctioning. Lt. Commander Lyon has indicated that there does not seem to be any obvious causes, his team having ruled out the usual - and the quirky miscommunications continue randomly. He has suggested some causes that are really out there, but I have learned to listen to his intuition. But a "trickster" in the system does not seem plausible. Our AI is not designed to evolve to that level. On the other hand, Lt. Commander Lyon may have given us a starting point. We did have that encounter with the Drookmani. Those salvagers are inventive and could have introduced some sort of virus into the system. Lt. Commander Whately has embarked on an analysis of the reported malfunctions looking to discover any patterns. I will be doing a deeper diagnostic based on her findings. She said that we would find this even if it kills us. She is really putting her back into this project. Hope she is getting some rest. I am getting updates from her at all hours.

I will report back with any developments. Until then, the ship will continue to use backup systems.

SD: 202302.25 - Monthly Engineering Report - Ensign Lyon Jody

Sir, This month I have been quite busy. The most intriguing assignment has been this interdepartmental task force to discover the nature and cause of the recent communications malfunctions. It has been difficult to get a handle on a pattern as the events have been so intermittent. LCDR Whately has been deep into an analysis of the incidents over the last couple of months as a good number of the errors had been in communication functions. Her investigation has discovered a sort of pattern by cataloguing the original reports and looking for connections. Even though the malfunctions ranged from replicator to data retrieval to subspace communication there were similarities. The earliest reports originated with crew who had been on the same away mission. This would not explain how a virus or other type of sabotage could have been introduced, but it is something that we can use. I have requested, in-writing, the reports from that away mission. And I will be looking for any explanation. Others on the team are involved following different leads. I am confident that we will discover the cause soon. Although a "trickster" in the system is a more romantic notion, I am convinced that a more scientific explanation will soon emerge. I will work on repair of the systems as soon as a direction is revealed. I am so thankful for the opportunity to work with these more seasoned officers on the task force. Something that I, as an ensign, would never have expected. There has not been an incident in a couple of weeks. I hope this does not impede our efforts. / end /



SD: 202301.29 – Monthly Engineering Report – CMDR Bud Walker

/begin/

I am pleased but chagrined to report that I have received my certification for Chief Security Officer in the Bridge Officer Certification Program. “Pleased” because I believe that rounding out my expertise in various positions on the Bridge will enable me to fill in at multiple stations in an emergency, especially a battle situation. “Chagrined” because I was a security officer in my former life and did not enjoy the duties that position required. But of course, being a security officer in StarFleet is a lot different than in the other place.

Captain, I need to update you on the investigation into room 3825. I received the report from Paranormal Sciences, and I must admit that I was surprised when they concluded that there was no paranormal activity within the room or in the surrounding ship areas. I am a skeptic at heart and frankly have always felt that Paranormal Studies is a bogus field of science. But after my own encounter in the room, I must confess that I was ready to believe that something spooky was going on, despite my doubts. But now even the “ghost hunters” are saying that there is no ghost! Where does that leave me?

I decided to query T’Ploth on what she may have found in her own examination of the room. Not wishing to disturb the quiet of our regular lunch time, I decided to swing by her quarters. But when I reached her door and pushed the chime button, I received an unusual reply. Through the door I could hear T’Ploth’s muffled voice.

“I am occupied with a personal matter and not available!”

I thought that rude, even for a Vulcan. But not wishing to disturb her, I directed a quick reply through the door.

“My apologies! I will send you a note through the computer later.”

I turned and had taken a few steps down the corridor when I heard a “swish” behind me.

“Commander Walker,” T’Ploth said flatly.

I turned and she was standing in her doorway. She was wearing what I recognized as a meditation robe.

“I apologize for disturbing your meditation, T’Ploth. My question can wait; it is not urgent at all.”

I began to turn and resume my departure when she answered quickly.

“No, Bud. Please Come in. I need to discuss this. Now!”

I whirled around as her voice and manner were out of character. I looked at her face and it seemed flushed. *Did she just call me by my first name?* Not meaning to imitate Vulcan habits, I raised one eyebrow without thinking. T’Ploth was acting quite strange and almost seemed upset, as if that were possible. I did not respond but stepped into her quarters.

Her quarters were typically Vulcan in that it was dark and quite warm inside. Several candles were lit, as is normal for Vulcan mediation. But then I noticed the Keethera on the floor. Or what was an attempt at a Keethera as the pieces were scattered everywhere. This more advanced form of Vulcan mental discipline was something I had seen practiced before and even participated in once. But clearly, T’Ploth was having great difficulty with it, which surprised me. She has always impressed me as disciplined and controlled. Not wanting to bring attention to her obvious failure, I turned to face her.

“Are you okay?” I asked her. “You do not seem yourself.”

SD: 202301.29 – Monthly Engineering Report / Continued – CMDR Bud Walker

T'Polth took a breath and waited a beat before responding, almost as if she were collecting her thought. *Vulcans never need to organize their thoughts! They stay organized*, I thought to myself.

"I am having difficulties." T'Polth took another breath and continued.

"At your request, I went to room 3825 to do some research from a life sciences perspective. At first, I detected nothing out of the ordinary. But then my medical tricorder indicated it had detected a life form. Before I could refine the sensors on the tricorder, I started to feel something."

"You had an encounter too!" I exclaimed. "You said you felt something...which I know must have been horrible as a Vulcan. Were you afraid?"

There was a strange look on T'Polth's face. "Not exactly."

"At first, I simply tried to control what I perceived as a rising emotion. But then its power grew, and I must confess, it overwhelmed me. But it was not fear. It was something else ... it was ...ummm.... of a more romantic nature ..."

"Oh," I said. Then I realized the full import of what she was saying. "Oh! I see ... ummm ...well that I mean" I stammered out. I finally finished with, "What?"

I swear it seemed that T'Polth was blushing, but it was difficult to make out in the dark. I will readily admit that I was blushing, whether she noticed or not. There was an awkward moment but I then I remembered something.

"I thought Vulcan women did not experience Pon Farr?" I asked.

"We do not. However, we still feel arousal as such. What I felt in that room was not something I had experienced since the last time I was with my husband. I was able to make my way out of the room and the feeling lost its power immediately. But it has not completely disappeared, and I have been attempting to deal with it through mediation."

I looked down at the pieces of the Keethera on the floor, and then back up to her.

"Clearly, my success has been mixed," she said.

I was still processing what she had told me when I looked up and saw her eyes. There was a feral look in them that I had never seen in her, or any other Vulcan for that matter. I was suddenly keenly aware of how far away I was from the door. I think she noticed that I had become suddenly uncomfortable and had stolen a glance at the exit. She straightened herself and regained her composure.

"Commander, I believe there is a lifeform inhabiting room 3825, but my investigation was cut short before I could determine its nature." I nodded as she talked.

"Unfortunately, I find myself unable to continue the investigation. I will be requesting immediate leave to visit my husband, so that I may"

"I understand," I blurted out before she could finish.

After an awkward moment, she nodded, and I nodded in return. Then I practically ran for the door, breathing a sigh of relief when I made it to the corridor outside.

Captain, I know not what kind of life form could affect my friend in this way, yet cause such fear in me and others. But at least we now know we are dealing with a bona-fide life form and not a vague mystery. I recommend the security locks be maintained on the room while I do some research.

/end/



SD: 202301.25 – Monthly Engineering Report – Lt. Cmdr. Zak Lyon

Sir,

I am very pleased with the outcome of the visual logs that you encouraged to make. Thank you. I have reviewed the file and you were right – I did gain a better sense of myself. There have also been several unintended effects of my video recording.

First, I was so proud of this video log that I wanted to share it with the CO. Wouldn't you know that when I said "send to Admiral Smith" and I must have had a slight head cold or something, because one of the internal pickups must have heard me say "Admiral Smythe." I almost immediately I get this annoyed communication from the Commanding Officer of the USS Trafalgar asking me why was I explaining the concept of Cetacean Ops to him as if he had never heard of it before. I was pretty confused. I don't know Admiral Smythe or anyone else on the Trafalgar. "And as far as I know, you've never reported for duty on my ship. Not on the roster. Is this some kind of a joke, Mister? I will be discussing this with your commanding officer. I don't take kindly to this kind of nonsense." My lame jokes are being seen by Admirals in other sectors. Oh...boy...

Is the communication system still messing up like it did last month? I thought we cleared this up. Maybe this is more than just a glitch. I'll look into it again and report back as soon as we have something. But it does seem like that "jokester" in the system is back.

I think being slightly embarrassed on the video has actually encouraged Chief L'ttl'R from the Transporter Room to start taking rest periods seriously. Molting is nothing to sneeze at. (I did it again...can't seem to stop trying to make jokes)

Finally, one of the young students, Tommy Tiegas, asked me if I told his story in the video. I had asked for his permission and he was excited. I had to explain to him that part of the data file that had his question got a "little corrupted" and wasn't included in the video. This is the student I told you about that, with all the sincerity the universe had to offer, turned to me and asked since I was an El-Aurian did I ever meet any dinosaurs? And so as not to exacerbate any misconceptions about Saurian races, I had to tell him no. I could see that the entire class was let down. So, in my off time I created a program based on an old earth animation – the Flagstones or something like that. The kids seem to enjoy it and the dinosaurs.

The redesign of Stellar Cartography continues apace. Every time I turn around Vinaya and her team have implemented a new level in their concept. Most recently the lab has been equipped with AI ramps and seating. The facility is now capable of providing access at a moment's notice to all manner of species with unique needs. This makes me quite glad. Modifications on the MASU have allowed Vinaya even more freedom and now she is insuring that all beings will have access to the lab. I love going there and marveling at the immersive views of star clusters and nebulae.

So, what I am trying to say, is that apart from the little snags that life is always pitching,

things are going pretty great for me aboard ship. Confused Admirals aside. Here is hoping it is going that well for you, sir.

Clear Skies.





SD: 202302.25 – Monthly Engineering Report – Lt. Cmdr. Zak Lyon

Sir, I spent the morning with Interim Transporter Chief L'ttr'R. He is no longer molting and is back to work. He was going on and on about something while I was completing a diagnostic on the "sparkling transit" as he calls it. I wasn't listening as well as I should have. In hindsight I may have agreed that he should include his concerns in his next report. He is a good officer, but, boy, his attitude is usually truculent and abrasive. He has practically "built a nest" on the edge of insubordination. I have to keep reminding myself that his personality is typical for his species, and he did make it through the academy... But when he gets his feathers ruffled, his judgment is not always Star Fleet. I imagine that you have already received his "report." I apologize that I didn't listen better to him and intercept or calm him before he submitted it. He assured me that he was quite respectful. He does always try to be helpful. But a combination of his frustrations, lack of command of the Federation Standard, and pride can be hard to endure. And he does misinterpret things on occasion.

As for my duties: The task force is still investigating the communications anomalies. Even though things are calming down, everything could blow up at an inopportune time. So, we are going to get to the bottom of it. Will keep you updated. /end/



SD: 202302.25 – Engineering Report – Transporter Chief L'ttr

Sir, I am aware that you are expecting an additional communique from Helmsman Lyon today. He is overwhelmed with work right now. For such a "listener," his head was elsewhere today. There is a trend that I would like to bring to your attention. My correspondences have not been featured in your monthly summaries. As interim transporter chief and a proud member of the Second Pluming of the Skorr/Aurelian Kinship, I feel that my story must be told as well. I feel that I should not be relegated to the anonymity of life behind a barrier watching others go off on adventures. As master of the sparkling transit aboard this vessel, I have insight into many things. I should be consulted more. For example, the Helmsman is often asked to speak to the hatchlings in their classroom. I might do such a thing as well. Especially because one child recently showed and spoke of a species known as a budgie, a bird that is normally confined to a cage. This is barbaric and this child must be dissuaded from this notion instantly. I am often left out of the jollity around here. I have followed the advice of my superiors to engage in athletics. I have been summarily dismissed whenever I have tried. Apparently humanoid contact sports are not to be played in the air. I have been told that it is not in the spirit of the games. As far as I am aware these contests are not sentient and I have not offended any souls. This smacks of narrow-mindedness. If I could participate in those simulations I would assuredly rout the opposing combatants. A similar concern can be lodged against the Parrices Squares League. Further, in the matter of retention, I have heard that many of our crew have been transferred to a Starbase Earhart. Poaching of crew? Is this not an act of aggression? Is this not an act of aggression toward the Heimdal? Should we not declare a state of war on the Starbase and all that inhabit it? As I rule over the sparkling transit, on your slightest order, I could merely beam some of their command staff here and we could have a "discussion." Of course, in the most civil way. But if they should happen to know my reputation as a warrior and if this should happen to make them quail in their boots...they may rethink their actions. I am trying hard to remember the advice I was given for working in a multi-species environment. But I shall bring up again that my molting cycle is out of my control and not to be discussed on widely transmitted holo-recordings. I cannot be blamed for feathers in the works. I would say more, on all subjects, but those wishing to be destroyed and then reconstituted at a different location never give me a moments peace. Until next time. Though next time you will most likely feature the helmsman and his unending musings on family. I am proud of my lineage going back seventy generations, but you do not hear me "taking up bandwidth" as the old saying goes discussing every distant cousin. Very well. I will get back to the using of light for the re-creation of crew members now. /end/

Transporter Chief L'ttr'R
Skorr/Aurelian Kinship



SD: 202302.25 - Chief Engineer's Report - Captain Darrell Millner

/ Begin Recording / Chief Engineer Millner Reporting.... The board is full and this team is making true headway. From the redesign of Stellar Cartography (a huge undertaking) with project lead CMDR Zak Lyon, Cabin 3825 (a mystery unto itself) I'm going to have to reread CMDR Walker's reports again, Comm failures throughout the ship - Walker and Ens Jody Lyon are leading that effort and several members of Engineering are pulling doubles and working with Vadm Glenda Blanks Communications team. If this keeps up I may even have to pull PO3 Burley & LCMD Rolland from the shuttlebay efforts. Ens Larry Whately has even suggested sharing some of the diagnostic reports with CMDR Dennis Henderson to tap his wisdom if it doesn't interfere with his recouporation, but I am hesitant. Personally I am just coming off a double shift myself but I need to hit the bunk. Knew if I didn't take care of this report now I would get too far behind.

Let's talk training, I continue to work on my SFA remote learning courses and I am making strong progress in Starship Design, Aerodynamics, and Officers Radio School. My average of one course a day has been slipping, I'm currently averaging one course every two days. However, I am focusing on quality of knowledge vs quantity. Don't get me wrong I AM striving to break my own personal best but I want more than just the numbers, trying to absorb the wisdom - which in retrospect I should have been doing all along. In addition, *based on the strong section of Engineering courses available*, I have begun my process as a STARFLEET Marine Corp Reservist. It was a proper step in order to access the "SFMC - School of Combat Engineering" and additional resources and I am finding the courses challenging and informative.

Since my last log we've had celebrations to mark Zak Lyon's promotion, a member of the fire teams last day before maternity, CO/XO Smith's anniversary, mine and Lt. Cmdr Millner's anniversary, my birthday and personally celebrating a subspace communication from my youngest son back on earths brain surgery which appears to have been a great success, much to Barbara and my relief. Mind you, all this celebrating has my nutritional numbers way off, to the point of Lt. Hazlett suggesting I should join in on the morning jogging, breakfast, meditation team, oh I can see vegetable egg white omelets in my future - yum.

Static message comes over my badge ".... comm traffic below the saucer section is now experiencing intermittent issues and XO Smith is requesting the Engineering team provide an update and get on it right away....please acknowledge" - LCMD Whately (Communications) -

So much for rest for the exhausted ... the coffee replicators best be working
Computer - / End Recording /



Reports End

“AND NOW”



Congratulations to ‘Commander’ Zachery Lyon

Via Outstanding Service and the Heimdall Promotion Point System – Effective FEB 2023

- Well earned and deserved – Great Example – Wonderful Job -

Zak is a valuable member of the department, role play team and chapter and continues to be an inspiration to this Chief Engineer. We are proud to have him on our Team. Humble, knowledgeable, creative and a bit cheeky lol. He is always there with a kind word, a creative twist, and an infectious smile. A little more ‘chatty’ than you might expect for an El-Aurian, well half El-A El-Aurian, he never ceases to amaze with his unique perspective. A valuable member of Engineering and the Heimdall.

FYI: Promotion inside of the Heimdall is based on a multitude of factors, (See pages 13 – 16 / Heimdall Membership Handbook [5th Rev. Jan 2021]).

“A Day in the Life of an Engineer”



It all began with a thought *“separated by hundreds of miles how can we put together a unique inspiring project for our department & chapter, something meaningful, fun, and definitely not to be forgotten”*. Add to that the Engineering Department was hosting the Heimdall Monthly Chapter Meeting (Live / Zoom) for January, yeah ‘No Pressure’ ha ha. In the end it came down to a simple thought process that Five members jumped in and ra with, **In character**, share insight about **“A Day in the Life of an Engineer”**, on our ship. Tell us about yourself, what’s it like interacting with your crewmates, what do you like and not like, no holes barred. Each person recorded their own submissions, basically via zoom or a studio program. Our AV lead and fellow engineer CMDR “Bud” did some editing of the submissions, inserted some spectacular clips, tossed in his special 1980’s cinema humor and what we have is nothing short of stellar. I cannot believe this was our first doing this, and what te team did, wow – This Chief could not have been more pleased,

We will be doing additional projects in the future.

For now, our team invites you to grab a raktajino, find a ‘comfy chair’ and enjoy.....

<https://youtu.be/zTJd9idiRrk>





Heimdal Engineers at Starfleet Academy : JAN/FEB 2023

Commander Bud Walker (24 Courses, 2 Award(s))

- **SFA Awarded ADP** - Associate of Federation Studies from School of SFA Awards on FEB 25, 2023
- **SFA Awarded BOCP** - Chief Security Officer Certification from School of SFA Awards on Jan 24, 2023

IPSS - College of VIP Protection & Convention Security

HONORS for COS 202 - Convention Security Officer on 01/10/2023

IPSS - College of Law Enforcement and Fire History / School of Law Enforcement History

DISTINCTION for SLEH 102 1600 to 1900 on Feb 1, 2023
DISTINCTION for SLEH 103 1900 to present on Feb 6, 2023
DISTINCTION for SLEH 105 - International Police on Feb 10, 2023
DISTINCTION for SLEH 106 F.B.I part 1 on Feb 18, 2023

IMOS - College of Strategy and Tactics

HONORS for CSTG 101 - Basics of Strategy & Tactics on 01/10/2023
HONORS for CSTG 102 - Focus on Tactics on 01/18/2023

IMOS - College of Special Operations Units / School Of United States Forces

DISTINCTION for USF 102 - USAF Special Forces on Feb 9, 2023

IOSTS - College of Security in Trek

DISTINCTION for CST 001 - General Security in Trek on 01/18/2023
DISTINCTION for CST 002 - Section 31 on 01/20/2023
DISTINCTION for CST 003 - Federation Security on 01/22/2023

IOSTS - College of Parallel Studies

DISTINCTION for CoPS 101 - Mirror Universe - ST:TOS on 01/18/2023

IOTK - College of Engineering

DISTINCTION for CENG 102 - Pre-19th Century Pioneers on Feb 8, 2023

IOIE - College of Intelligence Operations - School of Espionage

HONORS for SOE 101 - Definition and Means on 01/23/2023

IOAE - College of Superheroes

PASS for BMN 108 - Batman (1966) on Jan 24, 2023

IOAE - College of Humor / School of Comedians / 1970s

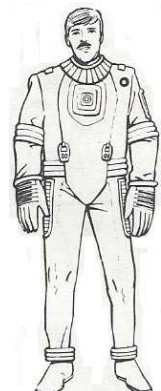
DISTINCTION for SOC 1970A - Chevy Chase on Jan 26, 2023
DISTINCTION for SOC 1970B - Billy Crystal on 01/23/2023
HONORS for SOC 1970C - Bill Murray on Feb 1, 2023
DISTINCTION for SOC 1970D - Marty Feldman on Feb 1, 2023.
HONORS for SOC 1970E - Howie Mandel on Feb 5, 2023
DISTINCTION for SOC 1970F - Gene Wilder on Feb 7, 2023
DISTINCTION for SOC 1970G - Robin Williams on Feb 7, 2023

IOAE - College of the Fantasy Realm/ CFT - School of Fairy Tales

DISTINCTION for FT 107 - The Princess Bride on Jan 26, 2023.

IOAE - College of the Fantasy Realm / School of Middle Earth

DISTINCTION for ME 101.1 - Lord of the Rings - FOTR (2001) Part 1 on Jan 31, 2023





Heimdal Engineers at Starfleet Academy : JAN/FEB 2023

Commander Zachary Lyon (04 Courses, 0 Awards)



IOTK - College of Engineering

DISTINCTION for CENG 206 - Non-Starfleet Engineers on Feb 18, 2023
DISTINCTION for CENG 203 - Other Starfleet Engineers on Feb 18, 2023
HONORS for CENG 202 - The SI Unit System on Feb 18, 2023

School of IOSS - College of Spaceflight

DISTINCTION for ASTP 103 - Apollo-Soyuz Program 3 on Jan 23, 2023

Captain Darrell Millner (29 Courses, 0 Awards)

IOSTS - College of Starship Design (COSD)

DISTINCTION for COSD 127B - NCC-1701E Schematics on 01/14/2023
DISTINCTION for COSD 127C - NCC-1701E Schematics on 01/14/2023
DISTINCTION for COSD 127D - NCC-1701E Schematics on 01/14/2023
DISTINCTION for COSD 127E - NCC-1701E Schematics on 01/14/2023
DISTINCTION for COSD 127F - NCC-1701E Schematics on 01/14/2023
DISTINCTION for COSD 129 - NX-74205 Defiant Schematics Pt 1 on 01/19/2023
DISTINCTION for COSD 129A - NX-74205 Defiant Schematics Pt 2 on 01/19/2023
DISTINCTION for COSD 129B - NX-74205 Defiant Schematics Pt 3 on 01/19/2023
DISTINCTION for COSD 129C - NX-74205 Defiant Schematics Pt 4 on 01/19/2023
DISTINCTION for COSD 129D - NX-74205 Defiant Schematics Pt 5 on 01/19/2023

IOAS - School of XenoAnthropology (IOAS:COXA)

PASS for AQ 107 - Trill on 01/18/2023
PASS for AQ 108 - Crystalline Entity on 02/11/2023

IOSFE - College of Battlestar Galactica (COBG)

HONORS for BSG 101 - BatGalactica Characters on 01/02/2023

IOTK - College of Plasma Technology

DISTINCTION for CPT 107 - Plasma Modeling part 1 on 01/06/2023
DISTINCTION for CPT 108 - Plasma Modeling part 2 on 01/06/2023
DISTINCTION for CPT 109 - History and commercial uses on 01/06/2023

IOTK - College of Engineering

HONORS for CENG 202 The SI System on 02/20/2023

IOAS - Klingon Warrior Academy

DISTINCTION for KWA 101 - Klingon History & Government on 12/26/2022
DISTINCTION for KWA 102 - Klingon Military on 02/17/2023
DISTINCTION for KWA 103 - Klingon Physiology on 02/18/2023

School of IOTK - Starfleet Officers Radio School (IOST:SORS)

DISTINCTION for SORS 101 - Radio in The Original Series (TOS) on 02/25/2023
DISTINCTION for SORS 103 - Radio in The Next Generation (TNG) on 02/25/2023
HONORS for SORS 104 - Radio in Deep Space Nine (DS9) on 02/25/2023

School of IOTK - College of Aerodynamics

HONORS for AERO 101 - Aerodynamics part 1 on Feb 20, 2023
HONORS for AERO 102 - Aerodynamics part 2 on Feb 21, 2023
DISTINCTION for AERO 103 - Aerodynamics part 3 on Feb 21, 2023

STARFLEET Marine Corp Academy

Combat Engineer (CE)

HONORS for CE-100 Combat Engineering Basic Course on Feb 25, 2023
DISTINCTION for CE-111 MOS Familiarization Course on Feb 25, 2023

Professional Development (PD)

HONORS for PD-100 Marine Basic Course on Feb 21, 2023



“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)



CMDR William M. “Bud” Walker, Jr

Bridge Officer Certification Program
Chief Security Officer (CSO)

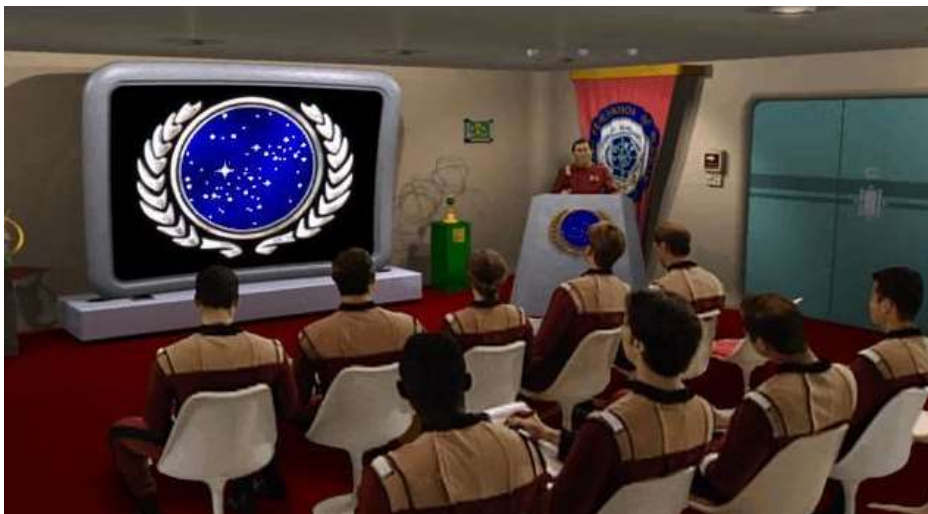


Academy Degree Program
Associate of Federation Studies



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>



ENG Where to Begin? Consult your Department Head, CO, But a good foundation *may* be....

(IOLS) STARFLEET Command College

OTS - Officer Training School
OCC - Officer Command Course

(IOTK) College of Engineering (17)

- CENG 101 - Early Principles and Terms, Part 1
- CENG 102 - Pre-19th Century Pioneers
- CENG 103 - 19th & 20th Century Pioneers
- CENG 104 - Modern Principles and Terms, Part 1
- CENG 105 - Starfleet Engineers
- CENG 201 - Early Principles and Terms, Part 2
- CENG 202 - The SI Unit System
- CENG 203 - Other Starfleet Engineers
- CENG 204 - Modern Principles and Terms, Part 2
- CENG 205 - Ship Recognition
- CENG 206 - Non-Starfleet Engineers
- CENG 207 - Tools of the Engineers
- CENG 208 - Charles Tucker III
- CENG 209 - Montgomery Scott
- CENG 210 - Geordi La Forge
- CENG 211 - Miles O'Brien
- CENG 212 - B'Elanna Torres



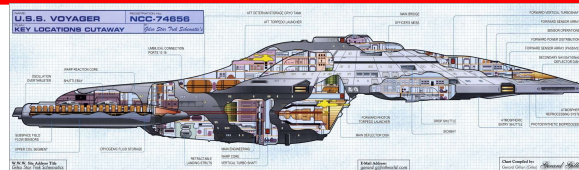
SFI / Region 01 / USS Heimdal Quadrant Updates

USS Heimdal : Gotta default to the Rainbow Connection as noted on page one. So many updates.... this month from Heimdal Security : 26 Feb was Phaser Sim, watch out for emails regarding upcoming opportunities in March Davis puts on outstanding sessions.

SFA – STARFLEET Academy

NOTE: Several Academy's are displaying messages such as * * * This college is temporarily closed. * *
No Worries students, Just give it a few days and try again they are continually working to provide you a better Academy experience. Some may take longer. For example SFA/IOSS/College of Spaceflight History is till currently off line. Personally I'm excited to see what they may be up to next.

SFA / STARFLEET Corps of Engineers : The leadership is making some adjustments, keep an eye out via the Communique, Facebook and Discord for updates. The new certification programs are being handed over to a new team, look for updates soon..



Heimdal Monthly Engineering Zoom

This Month Hold on to those Coordinates

SD: 202303.20 ED: **MAR 20, 2023** 7:00 pm eastern – Normal Meeting

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. **Need the coordinates resent, email trek1793@millnernet.com**

If you have scheduling or technical challenges, reach out too!! Come on folks – we need you!



The Plymouth Voyager 3

"Perhaps its time for a new look"

- Darrell Millner

"Ran across this on Facebook™ & Wikipedia™ and thought ShuttleCraft"

Starship Modeler

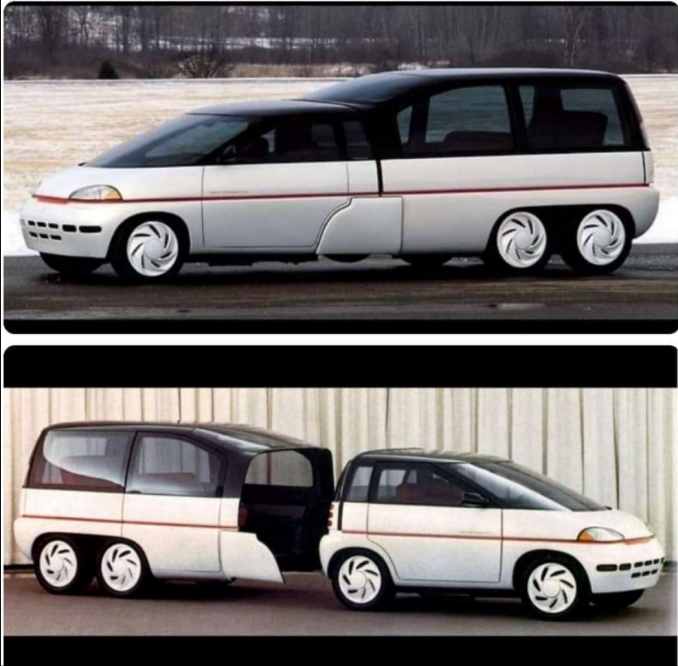
It's really would have been a shuttlecraft for Starfleet

FACEBOOK 2023

2d · 🌐

1989 Plymouth Voyager 3 Concept.

The Plymouth Voyager 3 was a minivan concept car revealed by Plymouth in 1989. Part of the ca... See more



The Plymouth Voyager 3 was a minivan concept car revealed by Plymouth in 1989. Part of the car's aerodynamic design featured a glass roof. One thing that was unique about this car was that in a sense it was a miniature tractor-trailer; the cab separated from the back of the car and could be driven by itself. The rear wheels of the cab were hidden (notice on image) when it was all in one piece.

- Each segment of the vehicle contains its own 4-cylinder engine, which are electronically coordinated to deliver power independently or in concert.[1]
- The Voyager 3 was credited to Chrysler Designer Tom Gale (who also penned the Dodge Viper and Plymouth Prowler) by one source that also called it "The worst concept car of all time." [2]

https://en.wikipedia.org/wiki/Plymouth_Voyager_3

Admittedly I am not a real world engineer, but one only needs to look at the lines of this concept car and think - "This would make a cool real world shuttlecraft". Today the tech would change a bit, electric cross over perhaps, update the stereo, camper conversion I'm thinking, plus a few more tweeks. At the time it may have been "worst concept car" based on the critics, but in this Engineers opinion I think it needs another look with today in mind. - Millner



Props – STAR TREK STYLE

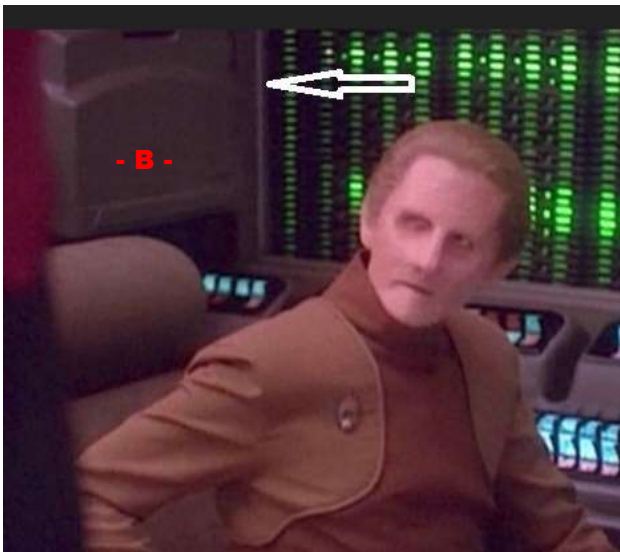
DS9 - "Wait I have that" - Captain Millner

Weapons Locker, Wall Panels, Storage and more

Watching ST:DS9 S04/EP19 Hard Times, an exceptional episode in my opinion dealing with depression and the aftermath of torture in conjunction with long term artificial reality incarceration. But let's talk Props. I saw one unit that made me stand up and point at the screen. Miles goes to storage bay on DS9, in a despondent moment opens a weapons storage unit and retrieves a phaser. (Img A1&2**), I then started noting the same unit all over the place. Being used for storage on Shuttlecraft, Wall Units Structures and (Img B**) Odos Office. The item was* actually a a "Rubbermaid Actionpacker Storage Container" See image A2 letters are visible from inside the unit. I little paint, a 'flashy dial', add some foam and poof Star Trek Props. The other two images are mine, great yard sale find even before I knew what I had.



* "Was" NLA ** Source Paramount.com



*Note the letters near the hinge

Millner



Millner

I DON'T ALWAYS DISCUSS HEIMDAL ROLE-PLAY



BUT WHEN I DO, IT'S ON THE SECOND THURSDAY OF THE MONTH

Interdepartmental Role Play

16

- The Heimdal has an amazing creative team and for the past few years the yarn continues. Its a fictional story line with twist and turns, detailed history, and surprises galore.

If you have enjoyed watching the saga unfold in the Rainbow Connection, perhaps you would also like to join in on the discussion. Come add to the conversation, be a fly on the wall, jump in on the leadership roles, the door is open to any Heimdal Crew Member in good standing. Second Thur 7 PM ET
Zoom.us Meeting ID: 853 6563 3606

App or Website Password*: kittykitty

Would you like to catch up on the history?

<https://heimdalroleplay.wordpress.com/roleplayrecap/>

(* Current Password) Commander Walker - Thank You for the Meme

STAR TREK Trivia Anyone?

- **ST:TOS:** The episode "Wolf In the Fold" is the first to focus primarily on Scotty. In this episode, when can you spot Scotty's missing finger?

Last Months Question : The containment field on the warp core of the Enterprise-D can be maintained until the field strength drops below what percent?

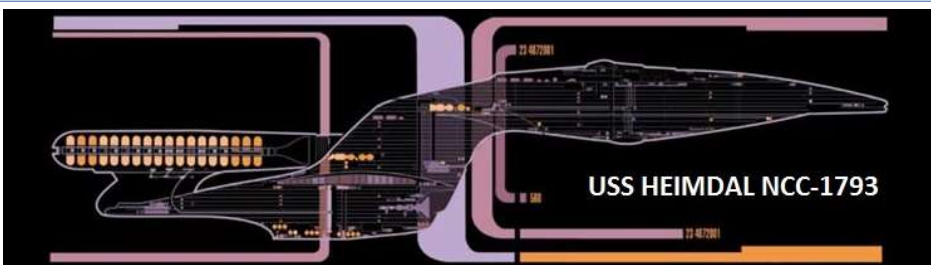
According to Ro and O'Brien in "Disaster", the containment field around the warp core can operate until the field strength drops below 15%. After that, the warp core will explode.



Special thanks to this months contributors
Some with inspiration, art, reports, articles and more

- B. Walker, J. Lyon, Z. Lyon, K. Whately, D. Millner

Please note, corrections and additions are always welcome



STAR FLEET

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