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# THE

# COMMLINK

## The Newsletter of the U.S.S. Haise, NCC-74664

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Page 1

### Message from the CO - FLEET CAPTAIN JOHN YELVERTON



In May, *Star Trek* lost another original cast member. It's easy to instantly want to compare Grace Lee Whitney's life with Leonard Nimoy. That being said, these cast members led two very different lives, yet in the end, both were inspirational.

After her death, I pulled down my copy of Grace Lee Whitney's autobiography, *The Longest Trek*, and finally got around to reading it. About the only thing that Grace Lee Whitney and Leonard Nimoy has in common was that they were both at one time Jewish. Whitney's first husband was Jewish, and she converted to Judaism as a result.

It has long been known that Grace Lee Whitney was sexually assaulted by an "executive" on *Star Trek*, whom she always refused to name. This is what she and many other people believe what led to her termination after the first 13 episodes, despite the fact she appeared in all the promotional material for the show. Her story, by no means, ends there.



Cont'd on Page 4

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## COMMLINK - TABLE OF CONTENTS

- 1 - Message from the CO
- 2 - Table of Contents
- 3 - Editor's Hail
- 4- Captain's Log Cont'd
- 5-13 Meeting and Event Pictures
- 14-16 Fred Haise And/Or  
Infinity Science Center News
- 17 - XO Report
- 18 - 24 - Departmental Reports
- 25 - More News & Upcoming  
Meetings & Events - Birthdays
- 26 - In Memory of Grace Lee Whitney

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## THE COMMLINK - USS HAISE

Captain - John Yelverton

1st Officer - Ryan Case

Editor-in-Chief - Barbara Allen

Chief of Security - Mark Young

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## Message from Chief of Communications - Lt. Commander Barbara Allen

04-865214



Special "Thank You" to XO Ryan Case for his awesome help with the newsletter.

My memories of Grace Lee Whitney, Star Trek's Yeoman Janice Rand

The first time Glenn & I saw her and got her autograph was at Springfest 1989 at the Sheraton Hotel, Jackson, Mississippi sponsored by Federation Outpost International Star Trek Fan Club. Here are some of those autographed pictures.



05-167524



05-934720

06-758106



07-846821



We also saw her many times over the years when we attended the Creation Entertainment Star Trek Conventions in Las Vegas, Nevada. She always had great stories to tell about Star Trek and shared about her life.



## Message from the CO - FLEET CAPTAIN JOHN YELVERTON

02-824851



She was the mother of two boys (who are among the children in the episode *Miri*), but she also committed two abortions. She was cast in two famous Jack Lemmon films, *Some Like It Hot* and *Irma La Dolce*. The first with Marilyn Monroe, who made Whitney and all the other cast members dye their hair a darker shade of blonde so Marilyn would be the only platinum blonde on the set. She was married twice, and even dated Buzz Aldrin at one time. She sang in night clubs all across America, and even wrote and performed *Star Trek* themed songs. She also used to roller skate down the streets of Los Angeles in the days it was popular.



03-693369

Mostly, she was an alcoholic. A raging, uncontrollable alcoholic. It got so bad, that she eventually burned a hole in her esophagus, and was told by doctors that she had weeks to live if she did not stop immediately. She finally went to the Alcoholics Anonymous meeting that her friends had been pressuring her to attend for years. She quit cold turkey. She then went to visit her one of her sons in Israel, and there had an experience that eventually led her to convert to Christianity.

05-314159

I never knew that Grace Lee Whitney. I met the sober and Christian Grace Lee Whitney. I met a woman who was pleased and thrilled to meet everyone. The woman was one who laughed and smiled, and tried to bring sunshine into everyone's life. She always wanted to be a witness and a testimony to everyone about her love of Christ and the dangers of alcoholism.

06-951413

I think that's something to always remember. It's not how you start life. It's not even how many mistakes that you make in life. It's how you live your life. There are many things that Grace Lee Whitney regretted that she did in her life, but she didn't let those things rule her. She changed and became a person we could all look up to and be inspired by. That is what I will always remember about Grace Lee Whitney, or as her friends called her, Amazing Grace.

07-601384



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Page 5

Saturday, April 11, 2015 6 PM — Lone Star Steakhouse,  
442 Riverwind Drive, Pearl, MS 39208

The USS Haise, Jackson, Mississippi Chapter of Starfleet International celebrated it's 20th Anniversary tonight.

We had ten guests and 24 crew members in attendance. It was a wonderful evening and enjoyed by all!

RADM Lucy Ferron and her husband, Chuck, were with us that evening. Lucy talked about her time of serving as CO and her love for the USS Haise and her crew. She and Chuck now live in Houston, Texas. We were so happy that they were able to come and help us celebrate. We miss you and love ya!

VADM Bethany Theilman, who started the USS Haise, also spoke about her time as CO of the USS Haise. Thanks to Bethany for starting up this great chapter!

Fred Haise, Apollo 13 astronaut, from Biloxi, Mississippi and namesake for the USS Haise was not able to attend, but sent John an email message to read at this anniversary celebration.

Fleet Captain and current CO of the USS Haise also gave a speech and is included on the next page.

John reminded us of the MS Walk on Saturday, April 18.

Next meeting will be Saturday, May 16.

The following Promotions were given at the meeting/banquet celebration:

Evan Theilman to Master Chief Petty Officer  
Joe Keenan to Senior Chief Petty Officer  
Ann Case to Lieutenant Commander  
Kirk Lomax to Senior Chief Petty Officer  
Jason Young to Chief Petty Officer  
Linda Nobles to Senior Chief Petty Officer  
Mark Nichols to Fleet Captain

Congratulations!



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Page 6



From you CO, Fleet Captain John Yelverton

When I think of *Star Trek*, I think of IDIC. Infinite Diversity in Infinite Combinations. And when I think of this club... that is what I see as well. Men and women. Conservatives and Liberals. Christians and Atheists. We come from different states and even different countries! We speak different languages. We have different tastes and even different values. And let's not even start the discussion on which is your favorite episode. And yet we're all together, in this room, united by the one thing that we all enjoy. And we've been united like this for 20 years.

As a Christian, this is exactly what I imagine Heaven to be like. A plethora of people, gathered together, who have nothing in common... except the One thing that united them all. And in more than one way, for many of us, this club is a little bit of Heaven on Earth. There's a big, giant, red circle on our calendars to let us know when the next meeting is. Because we cannot wait to enjoy *Star Trek* together again. We cannot wait to be with our friends again. We cannot wait to be with our family again.

Tonight, we celebrate 20 years as a ship. 20 years ago, the Clintons were campaigning for another four years in the White House. Today, the Clintons are campaigning for another four years in the White House. Hmm, doesn't sound like a lot has changed. 20 years ago, the Houston Rockets were the NBA Champions... oh, wait... never mind.

No, a lot has happened in 20 years. And this ship continues to sail on strong. We were elected the Region 2 Ship of the Year five times in 20 years in 2006, 2007, 2008, 2012, and 2014. We won Starfleet International Ship of the Year in 2006, and we are in the running to win it again this year. And this is because, you are the finest ship in Starfleet. You epitomize what *Star Trek* is about. You show courage, you show determination, and you show the milk of human kindness. I am proud to be associated with this ship. I am honored to be your captain. And I am humbled to be apart of this celebration which was 20 years in the making.



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Vice Admiral Bethany Theilman was given a beautiful plaque in honor and appreciation of her 10 years of service as Captain of the USS Haise (1995-2005). Congratulations!

Right:

Captain Scott Crawford was given the USS Haise 2014 award & Region 2 Volunteer Award Of The Year 2014 tonight.

Congratulations!



A slide presentation of pictures from the last 20 years was shown. Also shown was a presentation of all Star Trek stars who have passed on and gone before us. We also saw a collection of slides that crew members shared of Star Trek stars they had photo ops with or autographed pictures from over the years.

Door prizes were given out. A couple of our guests were lucky winners!

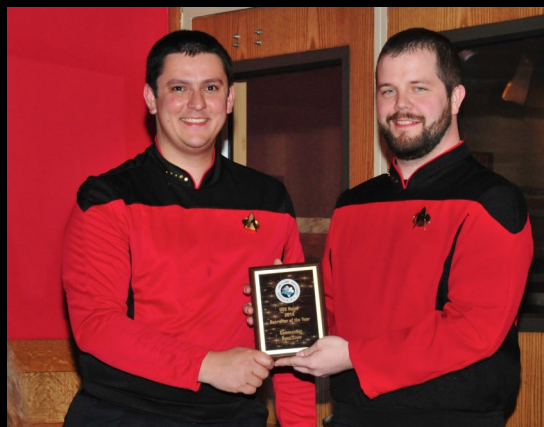


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Below Left: Emily Graves received the 2014 USS Haise Fred Haise Scholastic Achievement Award and the Region 2 Scholastic Achievement Award 2014



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Above: Ryan Case received the 2014 USS Haise Recruiter of the Year Award



Above: Mark Nichols is promoted to Fleet Captain

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Above: Clark Yelverton received the 2014 USS Haise Junior Member of the Year

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Above: Clarence Winter received the 2014 USS Haise Enlisted Member of the Year Award

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# MAY MEETING/PICTURES

# LCARS ACCESS 719

COMMUNICATIONS

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Saturday, May 16, 2015, 6:30 PM - Hibachi Buffet & Sushi, 190 Market Place Drive, Richland, MS 39218



15 Crew members and one guest attended. Various business was discussed and door prizes awarded. We were reminded about the upcoming Jurassic World movie night for Tuesday, June 16 at Parkway Theater, Flowood, MS

The next meeting will be held June 20. The meeting ended and we watched Star Trek Voyager episode "Phage".



# JUNE MEETING/PICTURES

# LCARS ACCESS 719

COMMUNICATIONS

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Saturday, June 20, 2015, 6:30 PM - Corner Bakery, 108 Market St, Flowood, MS

17 Crew Members were in attendance and two guests visited with us. Due to a conflict, we were not able to meet at our original meeting location of Joe Kennan's home. Door Prizes were given out. Various business items were discussed. John announced that he had not been able to reach contacts for the MISSISSIPPI COMIC CON, June 27 & 28, and we would not have a table there this year. If attending, please wear your Star Trek shirts and do some recruiting! John announced an EC Meeting to be held July 14 — more info will be sent out by email.



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Upcoming events are: July 7— book club, AAPL, at Flowood, MS Library at 6:30 pm — "Yesterday's Son", by A.C. Crispin. July 18 — Swimming & Meeting at the McNeil's - swim at 4:30 pm & meeting at 6:30 pm. August 21-23, 2015 - IC in Niagara Falls, New York. With no further business, we watched the Star Trek Animated Series Episode, "Yesteryear". After that, we took all our donations for CARA outside to Clay's car and took pictures.



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**\*\* USS Haise Starfleet International Team \*\***

**2015 Walk MS: Jackson, Mississippi**

**Date: Saturday 04/18/2015 - 9 a.m.**

**Location: Winner's Circle Park in Flowood, MS**

Note from USS Haise Captain Scott Crawford:

Members of the USS HAISE once again participated in the Multiple Sclerosis Walk in April. This year, we raised \$3001 to fund research and provide services to people living with this disease that affects more than 2,300 Mississippians. With much gratitude to all that donated, the USS HAISE received a MISSION POSSIBLE award for raising \$3,001 during the Jackson Multiple Sclerosis Walk. We received a "MISSION POSSIBLE" award for the second year in a row! Thank you to everyone that gave and participated! Funds will stay here in Mississippi to fund programs and research. Thanks also to Patti Steelman (who lives with MS) for the artwork on the award!



Due to rainy weather the day before and forecast for rain that Saturday, April 18, the MS Walk was moved to Flowood Baptist Church, 5199 Lakeland Drive, Flowood, MS (For more pictures of the MS Walk see our Facebook page)



12-357854

## TOTAL SCI-FI NIGHT

FREE MINI LIGHT SABER  
FIRST 1,500 FANS



SPONSORED BY:

SHIRTS OFF OUR BACKS SILENT AUCTION  
STAR WARS THEMED JERSEYS

SPECIAL APPEARANCES FROM YOUR  
FAVORITE SCI-FI HEROES AND VILLAINS

SUPER TAILGATING SATURDAY  
GENERAL MANAGER ON THE GRILL  
\$10,000 DASH FOR CASH



## FIREWORKS SHOW

THIS SATURDAY, MAY 2  
VS. MONTGOMERY BISCUITS  
GATES OPEN 5:00 PM .GAME TIME 6:00 PM

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USS Haise crew members participated in the Mississippi Braves Sci-Fi Night on Saturday, May 2 at Trustmark Park. We have been doing the Sci-Fi night for several years now. We always love seeing the fans and other Sci-Fi groups in costume. We always wear our Star Trek uniforms! For more pictures, see our Facebook page.



15-102348



Center Picture:

Our namesake, Apollo Astronaut Fred Haise with the original Galileo which was lovingly purchased and restored by Star trek Super fan Adam Schneider and a team of fans and shipwrights. Adam donated it to Space Center Houston.



04/26/2015

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15-989651

April 11, 2015 - 45th anniversary of the launch of Apollo 13

By Bob Granath  
NASA's Kennedy Space Center, Florida

A gala celebration recently took place at the Kennedy Space Center's Apollo/Saturn V Center, commemorating the 45<sup>th</sup> anniversary of what has been termed "NASA's finest hour." The event was a reunion of key players in the mission of Apollo 13.

What was to have been the third lunar landing in April 1970, became a struggle to safely return the crew when their Apollo spacecraft was crippled by an oxygen tank explosion.

Apollo 13 commander Jim Lovell and lunar module (LM) pilot Fred Haise were on hand on April 11, 2015, to recall the events of 45 years ago. Also participating in a candid panel discussion were backup LM pilot Charlie Duke, support crew astronauts Vance Brand, Joe Kerwin, and Jack Lousma, along with flight directors Gerry Griffin, Gene Kranz and Glynn Lunney. These space icons shared their stories reflecting on the mission that brought global attention to the determination of a broad-based NASA team in government, industry and academia.



Right:

Photo from the Astronaut Scholarship Foundation taken at the Apollo 13 45th Anniversary Dinner and celebrations at the Kennedy Space Center on April 11. Pictured from left are flight director Gerry Griffin, Apollo 13 Lunar Module Pilot **Fred Haise**, flight director Gene Kranz, Mark Rigby, Apollo 13 Commander Jim Lovell and flight director Glynn Lunney.



Memo from Fred Haise to USS Haise CO John Yelverton

Sorry but I cannot make it as that evening as I will be at an Astronaut Scholarship Foundation at Kennedy Space Center celebrating the 45th Anniversary of Apollo 13. This event was scheduled last year. We have our crew, support crew, and three of the four Flight Directors attending. Hard to believe it has been 20 years since that Shuttle Craft became the USS Haise. I am proud that the Starship carries my name with a crew maintaining an "out of this world" record year after year!

Happy Anniversary to the USS Haise, Freddo



April 11, 2015 - 45th anniversary of the launch of Apollo 13 - continued

15-102348

The evening's program began with a recorded video presentation by NASA Administrator Charlie Bolden who had high praise for those who successfully brought the Apollo 13 crew home.

"Together with (command module pilot) Jack Swigert, these men helped advance our exploration goals through their perseverance and level-headed thinking during a near catastrophic emergency in space," he said. "Their experience made it possible for the rest of the Apollo Program to continue."

The Apollo 13 crew of Lovell, Swigert and Haise lifted off from Kennedy on April 11, 1970. It was a mission to explore the moon's Fra Mauro highlands. The third member of the crew was supposed to be Ken Mattingly, but he had been exposed to German measles and was replaced by his backup, Swigert.

Two days into the mission, with Apollo 13 approximately 205,000 miles from Earth, the astronauts heard a "loud bang." It was accompanied by fluctuations in electrical power and automatic firing of the attitude control thrusters.

"Houston, we've had a problem," Lovell said. "We've had a main B bus undervolt."

A "main B bus undervolt" indicated there had been an abrupt power loss from one of the command-service module's two main electrical systems.

"Roger, main B undervolt," said capsule communicator Lousma. "OK, stand by, 13. We're looking at it."

Kranz and members of the flight control team were looking, but initially, what they were seeing was confusing.

"The communications loops were chaotic for about 60 seconds," Kranz said.

Haise explained it was equally unclear for the crew.

"We had seven caution and warning lights on," he said. "Generally, there was never a failure in one system that would go across so many different systems."

Lovell noted that a look outside would tell him more than the instrumentation in the CM.

"It really was not until I looked out the window and saw the oxygen escaping from the rear end of my spacecraft that I knew that we were in serious trouble," he said.

"It began to become clear that we had moved into 'survival mode' when Jim looked out the window and said he was seeing venting out there," Kranz said. "It was the oxygen tanks that were the source of the venting."

One of two fuel cell oxygen tanks in the service module had exploded. Damaged Teflon insulation on the wires to the stirring fan inside oxygen tank 2 allowed the wires to short-circuit and ignite the insulation.

The fuel cells generated the command-service module's electrical power by combining oxygen and hydrogen. When the oxygen tank ran dry, the remaining fuel cell shut down, leaving only the CM's limited-duration battery power.

"Glynn (Lunney) recognized that we had a series of decisions to make relative to the path home so he was already down in the trench with the trajectory guys," Kranz said.

The Mission Control "trench" was the front row of consoles closest to the tracking map. The flight controllers there included the flight dynamics officer, called FIDO, and the guidance officer, GUIDO.

"They came up with five return-to-Earth options," Kranz said.

The lunar landing mission was aborted and the crew was forced to shut down the CM completely to save its battery power for re-entry. The astronauts then powered up the lunar module to use as a "lifeboat."

"When my (flight control) team came on, we were aware that the lunar module has lots of capability as a lifeboat," Lunney said. "The problem was 'how are we going to deploy that capability?'"

Kranz and Lunney next directed Lovell, Swigert and Haise to perform a 30.7-second firing of the LM's descent engine to put the spacecraft on a return trajectory, looping around the moon and gaining a boost from the lunar gravity. The descent engine was used again two hours after the closest approach to the moon's surface.

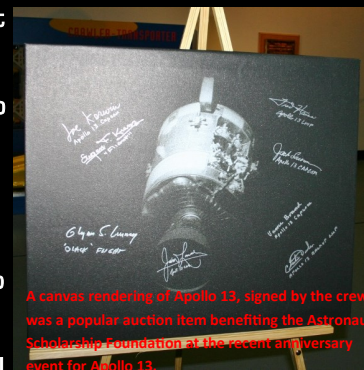
With the support from contractors and universities, the flight control team demonstrated considerable ingenuity under pressure, overcoming the challenges of low power, limited water and lack of other consumables. It was an example of NASA developing innovative solutions that dramatically improved the agency's capabilities in dealing with the unexpected in years to come.

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A canvas rendering of Apollo 13, signed by the crew, was a popular auction item benefiting the Astronaut Scholarship Foundation at the recent anniversary event for Apollo 13.

April 11, 2015 - 45th anniversary of the launch of Apollo 13 - continued

15-102348

Availability of lithium hydroxide (LiOH) for removing carbon dioxide from the LM's air presented one of the serious problems. The LM's stock of LiOH canisters was not sufficient to support the three-person crew during the four-day return. The lunar lander was designed to support two crew members. The CM had an adequate supply of canisters, but these were cube-shaped with the LM's canisters cylindrical. Engineers were faced with needing to put a "square peg" in a "round hole."

"Ed Smylie, who was chief of the crew systems division, got his team together to figure out what hardware there was in the command and lunar modules," said Kerwin, who also was a capsule communicator during Apollo 13 and a member of the Skylab 2 crew in 1973.

Smylie's team improvised a way to join the CM canisters to the LM's cylindrical canister-sockets by drawing air through a space suit hose. The plan now needed to be communicated to the crew.

"I'm sitting at the capsule communicator console and here comes Ed and his team carrying all this stuff," Kerwin said. "They dumped it down on the floor and Ed says, 'Kerwin, get down here. We're going to teach you how to do this so you can tell Jack (Swigert).'"

In spite of the hardships caused by limited power, loss of cabin heat and the critical need to improvise the carbon dioxide removal system, the crew returned safely to Earth on April 17, 1970. The CM safely splashed down in the south Pacific Ocean, four miles from the recovery ship, USS Iwo Jima.

The day after the splashdown, President Richard Nixon awarded the Presidential Medal of Freedom to the crew and the Apollo 13 Mission Operations Team for their unyielding efforts during the mission.

Griffin pointed out that a key to the successful effort was teamwork

"You seldom heard the personal pronoun 'I,'" he said. "Most of the time it was 'we,' because we trusted each other."

Lousma, who would later be a part of the Skylab 3 crew in 1973 and command STS-3 in 1982, commented on the professionalism of the crew and flight control team.

"We just responded as we had to," he said. "It was dynamic, people working real hard to find out what the problems were. It was a bunch of people who were trying to solve these problems as they came up. When Ron Howard made the ("Apollo 13") movie and everybody found out what really happened, people saw that it was one of NASA's finest hours."

In 1994, Lovell's book "Lost Moon" was published and became the basis the following year for the motion picture adaptation, "Apollo 13," directed by Howard.

In the movie actor Ed Harris, who is cast as Kranz, states, "failure is not an option." Kranz became so associated with the phrase, it was the title of his autobiography published in 2000.

"Failure is not an option" was in fact coined by "Apollo 13" screenwriters Al Reinart and Bill Broyles. It is based on similar statements made by Kranz and flight dynamics officer Jerry Bostick as they were interviewed for the movie's dialogue.

Haise went on to command the first, third and fifth Approach and Landing Test free-flight trials of the prototype space shuttle Enterprise at Edwards Air Force Base in California in 1977. During the 1980s and 1990s, Haise served as president of Grumman Technical Services Inc. at Kennedy as part of the Shuttle Processing Contract Team.

After leaving NASA, Swigert was elected to the U.S. House of Representatives from Colorado's 6th district in November 1982. However, he died a month later before being sworn in.

The evening's celebration concluded with Lovell placing the mission of Apollo 13 in historical context.

"The flight was a failure in its initial mission," he said. "However, it was a tremendous success in the ability of people to get together, like the mission control team working with what they had and working with the flight crew to turn what was almost a certain catastrophe into a successful recovery."

Proceeds from the Apollo 13 anniversary event benefit the Astronaut Scholarship Foundation (ASF), a nonprofit organization established in 1984 by the six surviving Mercury 7 astronauts. Through the garnered support of astronauts, industry leaders, educational institutions and patrons, ASF awards merit-based scholarships to the best and brightest university students who excel in STEM – science, technology, engineering and mathematics. Since its inception, ASF has awarded over \$4 million in scholarships to more than 370 of the nation's top scholars.

Last Updated: July 15, 2015

Editor: Bob Granath

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## Message from XO - Fleet Captain Ryan Case

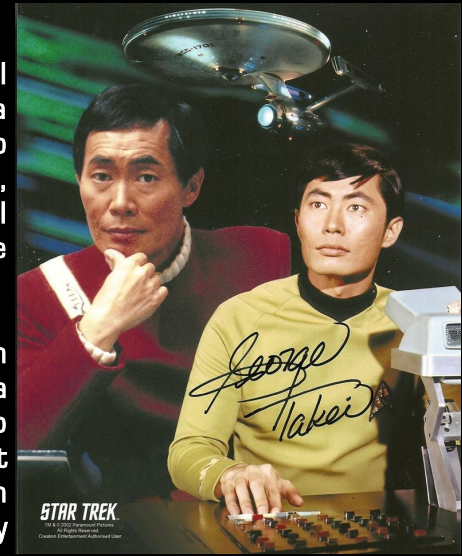
19-998210



I'd like to thank all of the members of the ship for allowing me to be your XO for an entire year already. It's funny how time flies. It seems like just yesterday I was taking my OCC and accidentally becoming the XO of the Haise. I couldn't be happier. Speaking of time flying, it's stunning that the Haise is now 20 years into its mission and is one of the most active ships in the Region. You all outdid yourselves with putting on the 20th anniversary party, MS Walk, Comic Con, and movie going - this last quarter has been a blur.

20-634851

I missed getting to see Lucy at Comicpalooza in Houston but Ann and I *did* get to meet George Takei while there. He is such an inspiration as a human being and I'm very glad that we had an opportunity to meet him. In addition to George, we also got to meet Cobie Smulders, Hayley Atwell, Jason Isaacs, Summer Glau, and Chloe Bennett. It's been a lot of trips but it has certainly been worth it. Funnily enough, I spoke about my car in the last issue and sure enough... the darn thing started to kick the bucket. I've recently replaced it with a Hyundai Hybrid and I love it.



20-753912

21-854122



Lastly, Ann and I both celebrated our 30th birthdays this year and in celebration (and as a Father's Day gift to her father) we took a trip up to Alaska to visit Ann's family. It was a great experience to be standing next to a glacier in 50 degree weather and get a notification on my phone about 110 degree heat advisories back home. I'm certainly going to write a letter to the Alaska Brewing Company about potentially getting their beers in our neck of the woods - it is fantastic.

I look forward to having you all at our home in the next quarter.

All ahead full!

22-002145



## Message from Chief of Operations - Lt. Commander Clay Bartunek

19-998210



This quarter has been quite eventful for me. It started on April 2<sup>nd</sup> & 16<sup>th</sup> with trying to get a successful crown on a tooth that had its' 2<sup>nd</sup>! root canal and they're not cheap either. The *Haise* celebrated its' 20<sup>th</sup> Anniversary on April 11<sup>th</sup> at Lone Star Steakhouse in Pearl, MS. What a great night! Service was slow, but the food, fellowship and videos were excellent. And yes, Ann, I used to have color in my hair way back when (at least I still have my hair). I'm feeling old now.

Our Walk MS fund raiser on Saturday, April 18<sup>th</sup> at Winner's Circle Park in Flowood was our first philanthropy project of the year. Thanks to all who participated or donated as we help give hope to everyone affected by Multiple Sclerosis. Our team raised a total of \$3,001!



20-634851

April 25<sup>th</sup> brought another tornado to Lake Caroline where Craig & I live. It was one year ago on April 28, 2014 that a tornado hit Caroline. This time we lost 2 very large oaks, a hickory, and 1/3 of a maple tree along with damage to our drive way. I guess we're lucky that was all. Still, well over \$5,000 in damages.

Then on May 2<sup>nd</sup> at 7:39 p.m. & 8:08 p.m. an earthquake hits Madison with epicenters 1 & 2 miles from our house in Caroline. No damage here, but very disturbing. It was my first earthquake, a very strange sensation indeed.

On May 3<sup>rd</sup> we celebrated the life of Grace Lee Whitney, Yeoman Janice Rand who passed on at 85 years old. I'm feeling old again. May she rest in peace.

20-753912

21-854122

22-002145



On May 16<sup>th</sup> we had our monthly meeting at the Hibachi Grill in Richland, where a patron wearing a *Trek* shirt noticed us. We invited him over where he got his picture taken with some of us in uniform. It seemed to have made his day. I remember how I felt when I first saw someone in the *Haise*. You realize you're not alone. How incredible!

My mom moved in with Craig and me on June 7<sup>th</sup> as my aunt & uncle she was living with have moved back to South Dakota, where I originated. She's adjusting, and I feel better knowing that she's close and safe.

On June 14<sup>th</sup> the church I helped start, Safe Harbor Family Church, celebrated its' 20<sup>th</sup> anniversary as well. It was wonderful, but I'm feeling old again as we had videos, too of me 20 years ago. Really, I had brown hair with red highlights.





19-998210

### Message from Chief of Operations - Lt. Commander Clay Bartunek



At our June 20<sup>th</sup> meeting at Corner Bakery in Flowood we collected donations for CARA, our 2<sup>nd</sup> philanthropy project of the year. Thanks, Linda, for delivering our goods to their facility. If you've never visited them, . . . well it's an eye opener. They're also in need of volunteers if you are so inclined.

Then the worst happened on June 24<sup>th</sup> where Craig had to rush me to the E.R. with what ended up to be a kidney stone! I thought I was going to die. I had my first catheter, another very strange sensation indeed. Passing a kidney stone is like pushing a spiked golf ball through a garden hose! One urologist told me that a female patient of his told him she would rather give birth to 10 babies than have one kidney stone. There is no other pain like it. I finally "passed" it at about 2 a.m. the next morning, and there was much rejoicing!

Legalized gay marriage passed on June 26<sup>th</sup> so Craig & I will finally get married Saturday,

20-634851

August 8, 2015 at 4 p.m. at Safe Harbor Family Church, 1345 Flowood Dr, Flowood, MS 39232. It's been 22 years for us. Everyone from the USS Haise is invited – casual dress & no gifts, please! A reception will be held at the church after the ceremony. I knew this would come, but I didn't think it would be in my lifetime. I thank God that I'm finally validated and can be included as the way I was created.

Then, again, on June 29<sup>th</sup> at 8:23 a.m. another earthquake hits Madison County with an epicenter near the Nissan plant - still very close to us. Activate inertia dampening stabilizers!

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21-854122

22-002145

Page 19



## Message from Chief of Engineering - VADM Bethany Theilman

19-998210



Since we have become the Flagship of Region 2 the proud crew has kept everything in tip top shape. Engineering is functioning nominally, and this has left us time to catch up on some of the technical journals.

We found this one in an old NASA archive about the first information gathering mission early earth scientists made to Pluto. The New Horizons team selected instruments that not only would directly measure NASA's items of interest, but also provide backup to other instruments on the spacecraft should one fail during the mission.

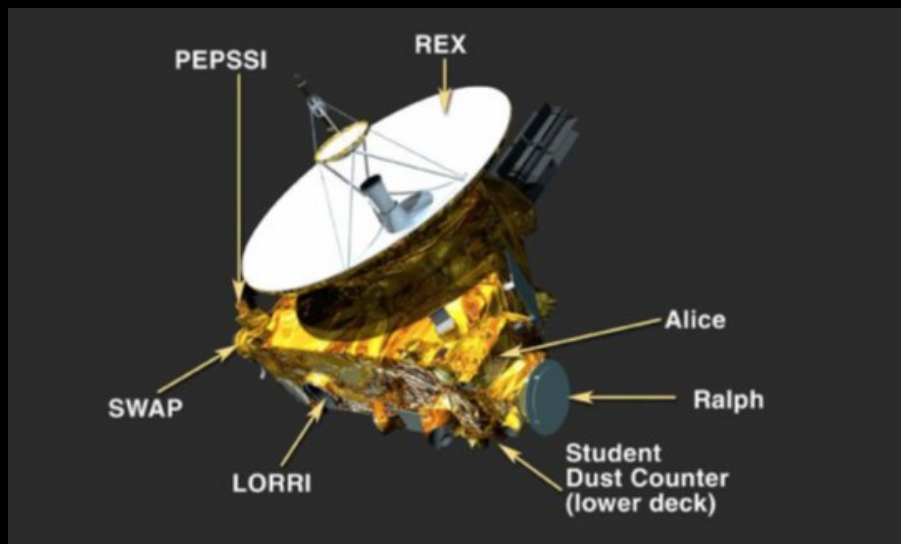
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The science payload includes seven instruments:

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Ralph: Visible and infrared imager/spectrometer; provides color, composition and thermal maps.

Alice: Ultraviolet imaging spectrometer; analyzes composition and structure of Pluto's atmosphere and looks for atmospheres around Charon and Kuiper Belt Objects (KBOs).

REX: (Radio Science Experiment) Measures atmospheric composition and temperature; passive radiometer.

LORRI: (Long Range Reconnaissance Imager) telescopic camera; obtains encounter data at long distances, maps Pluto's far side and provides high resolution geologic data.

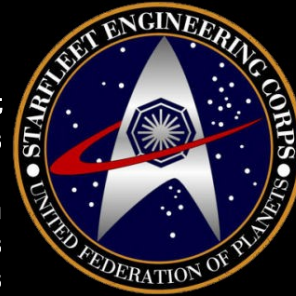
SWAP: (Solar Wind Around Pluto) Solar wind and plasma spectrometer; measures atmospheric "escape rate" and observes Pluto's interaction with solar wind.

PEPSSI: (Pluto Energetic Particle Spectrometer Science Investigation) Energetic particle spectrometer; measures the

composition and density of plasma (ions) escaping from Pluto's atmosphere.

SDC: (Student Dust Counter) Built and operated by students; measures the space dust peppering New Horizons during its voyage across the solar system.

Launched in January 19, 2006, the unit flew by Pluto on July 14, 2015.



## Message from Chief Science Officer - Captain Scott M. Crawford

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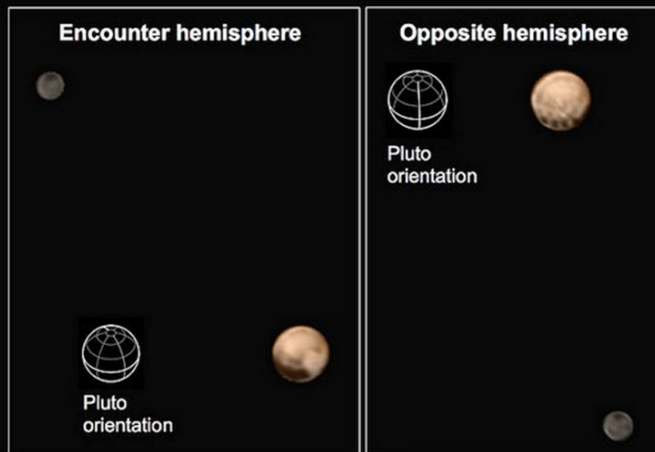
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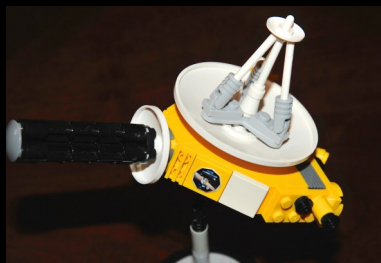
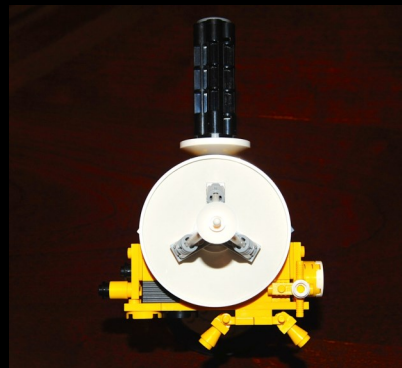


### NEW HORIZONS' ENCOUNTER WITH PLUTO:



As I write this, NASA's NEW HORIZONS probe nears Pluto and its four moons, Charon, Nix, Hydra, and Kerberos at a closing speed of about thirty-one thousand miles-per-hour. On the Fourth of July, my heart stopped as Mission personnel at Johns Hopkins Applied Physics Laboratory in Laurel, Maryland, reported a loss of signal from the craft. Signal resumed about 1-1/2 hours later and it was found that there was an "anomaly", causing the probe to go into "safe mode" and switch to its backup computer. Complicating things is the fact that the round-trip time for a signal to reach New Horizons is about nine hours (at the speed of light). By Monday, July 6<sup>th</sup>, specialists concluded that the problem was a minor programming glitch, and that the hardware was sound. Apparently, New Horizons was asked to overload its main computer by receiving a large command sequence from Earth at the same time it was compressing previously recorded science data. The "anomaly" has since been corrected and Mission Specialists are confident it will not reoccur. Fortunately, the "glitch" occurred early enough that no vital observations were lost. The craft is now functioning on its main computer and all is well. The nearest approach will occur on Tuesday, July 14<sup>th</sup>, at 6:49:57am CST.

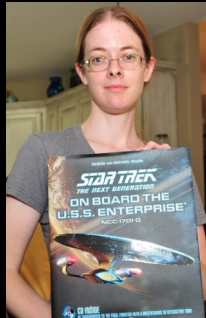
Not wanting to experience the fly-by without a model of the spacecraft, I designed one using LEGO bricks in my collection:



## Message from Chief Medical Officer - Lt. Emily Graves

NO REPORT

19-998210



The hypo spray has been featured in every *Star Trek* series as a tool used to give injections of medications. It has been shown in the series to be able to deliver injections through clothing, and does not carry any risk of cross-contamination as opposed to modern hypodermic needles. The concept of the hypospray was developed when producers on the original *Star Trek* series discovered that NBC's broadcast standards and practices prohibited the use of hypodermic syringes to inject medications; the needleless hypospray sidestepped this issue.

The hypospray has a real world counterpart called a jet injector, invented four years before the first *Star Trek* series debuted. It uses compressed air to inject the medication through the skin. However, unlike the hypospray, it carries the risk of cross-contamination, which has led to the jet injector falling into disuse. It also has limits for adjusting and controlling the exact dosage levels. The mechanisms used, particularly in spring-loaded designs, are one shot releases, with a coil that ejects the same amount of drug to the same depth every time, which limits the application to certain drugs or patient populations.

The U.S. Food and Drug Administration approved a device which uses ultrasonic waves to open pores on the skin, allowing the injection liquid to enter the bloodstream without the use of needles.



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Currently, MIT researchers have engineered a device that delivers a tiny, high-pressure jet of medicine through the skin without the use of a hypodermic needle. The device can be programmed to deliver a range of doses to various depths, an improvement over similar jet-injection systems commercially available. Among other benefits, the technology may help reduce the potential for needle-stick injuries. A needleless device may also help improve necessary scheduled medications among patients who might otherwise avoid the discomfort of regularly injecting themselves with drugs such as insulin. The jet-injection system delivers a range of doses to variable depths in a highly controlled manner. The design is built around a mechanism called a "Lorentz-force actuator", a small, powerful magnet surrounded by a coil of wire that's attached to a piston inside a drug ampoule. When current is applied, it interacts with the magnetic field to produce a force that pushes the piston forward, ejecting the drug at high pressure and velocity, almost the speed of sound in air, out through the ampoule's nozzle, an opening as wide as a mosquito sting. Through testing, the group found that various skin types may require different waveforms to deliver adequate volumes of drugs to the desired depth. For example, breaching a baby's skin to deliver vaccine will not need as much pressure as adult skin, allowing doctors to tailor the pressure profile.

The team is also developing a version of the device for transdermal delivery of drugs ordinarily found in powdered form by programming the device to vibrate, turning powder into a "fluidized" form that can be delivered through the skin much like a liquid. A powder-delivery vehicle may help solve what's known as the "cold-chain" problem: Vaccines delivered to developing countries need to be refrigerated if they are in liquid form. Often, coolers break down, spoiling whole batches of vaccines. Instead, Hunter says a vaccine that can be administered in powder form requires no cooling, avoiding the cold-chain problem.



This article is from your editor:

Star Trek Hypo spray Facts



## Message from Ship's Counselor - Lt. Commander Ann Case

19-998210



April was an amazingly fun month for me! I got to take my students on a field trip to the Infinity Science Center and the Polymer Institute at USM. They had a blast! So many of my students really enjoyed the Infinity Science Center. They loved doing the simulator ride and getting to play in the pieces of the ships. Some of my students even enjoyed the learning stations where they learned about all the Apollo missions. Before we went we watched Apollo 13 in class and the students had a great time getting to see Fred Haise's suit and some of his other items. Definitely going to plan another trip next year and if your interested in chaperoning let me know!

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The end of May was worth the wait for me because Ryan and I got to go to Houston Comicpalooza and we met George Takei! I loved getting the meet the man who was Sulu. He was a ton of fun and very nice to chat with. This trip we also got to meet some more awesome people like Jason Isaacs (Lucious Malfoy), Chloe Bennett (Agents of Shield), Hayley Atwell (Agent Carter), Summer Glau (Firefly), and Cobie Smulders (Agents of Shield). We had a great weekend except that we missed seeing Lucy because of our crazy schedules.



20-753912



The month of June finally gave me some relaxation and even some cooler weather. Ryan and I went on a trip to Alaska to visit my parents and I must say it was a breathtaking state to visit. The views and weather were amazing. Great hiking trails and tons of wildlife! It brought out the exploration in both of us and the appeal of being a member of an away crew mission is totally understandable.

21-854122



22-002145



## Message from Chief of Security - Commander Mark A. Young, Sr.

NO REPORT

19-998210



This article is from your editor: DID YOU KNOW THIS?

Command Authorization Code - *from an online article*

The command authorization code (or simply authorization code) was an alphanumeric sequence used by militaries and civilian agencies to allow access to certain command protocols and restricted information. These codes were also known as a voice authorization code, security code, command code, access code, or simply password.

Some of the many uses of authorization codes including: activating and canceling auto-destruct sequences, transferring of command of a starship, accessing secured locations, and ejecting a warp core. (*Star Trek: First Contact*, VOY: "Deadlock", "Dreadnought", "Cathexis", "Renaissance Man"; TNG: "Chain of Command, Part I")



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Starfleet, the style of code varies from decade to decade. In 2365, the code was a long sequence of numbers, letters from the Human Greek and English alphabet pronounced phonetically and colors. By the following year, the code standardized to a form used from that point on. Typically, this would involve the user's name, Greek letters, and numbers. Codes are changed on a regular basis, to prevent sabotage and security breaches.

Doctor Kila Marr isolated the access code of the science station on the bridge of the USS *Enterprise-D* thereby making it impossible to turn off the graviton pulse that was destroying the Crystalline Entity. (TNG: "Silicon Avatar")

Examples aboard USS *Voyager*

*Aboard the USS Voyager, authorization codes optionally included colors and clearance levels.*

2371: "Janeway-8-4-1-Alpha-6-5" (VOY: "Cathexis")2372: "Janeway-Pi-1-1-0" (VOY: "Dreadnought", "Deadlock")2372: "Engineering authorization Omega-4-7" (VOY: "Investigations")2373: "Janeway-Lambda-3" (VOY: "Coda")2373: "Tuvok-4-7-7-4" (VOY: "Worst Case Scenario")2373: Seska: "zeta-1" (VOY: "Worst Case Scenario")2374: "Janeway pi-1-1-0" (VOY: "Concerning Flight")2374: "Tuvok-Theta-9" (VOY: "Waking Moments")2374: "Janeway-1-1-5-3-Red, Clearance level: 10" (VOY: "The Omega Directive")2374: "Torres-Omega 5-9-3" (VOY: "Day of Honor")2375: "Seven of Nine-Omega-Phi-9-3" (VOY: "Course: Oblivion")2376/2377: "Tuvok-Pi-Alpha" (VOY: "The Haunting of Deck Twelve", "Repression", "Lineage")2377: "Janeway-Omega-3" (VOY: "Workforce")2378: "Tuvok-Sigma-4" (VOY: "Renaissance Man")2378: "ECH-Omega-4-2" (VOY: "Renaissance Man")

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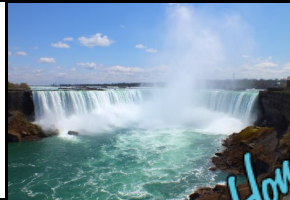
Saturday, July 18, 2015 - Meeting/Swim Party at McNeil's home - Swim 4pm, Eat 6 pm  
Saturday, August 15, 2015 - Meeting/Taco Night at the Case's home - 6:30 p.m.  
August 21-23, 2015 - IC at Niagara Falls, New York  
Saturday, September 12, 2015 - Celtic Fest, Jackson, MS  
Saturday, September 19, 2015 - Meeting - Piccadilly Cafeteria, I-55N, Jackson, MS

Sept. 11-13, 2015 | Jackson, MS



Mississippi Agricultural and Forestry Museum.  
The "Ag Museum" is located at  
1150 Lakeland Dr.,  
Jackson, MS 39216-4701

31-942782



STARFLEET 2015 International Conference  
August 21-23, 2015, Niagara Falls, New York

FOR MORE INFORMATION visit their website:  
[www.ic2015.com](http://www.ic2015.com)

USS HAISE Star Trek Fan Club

<https://www.crowdrise.com/usshaisestartrekfanassn/fundraiser/bethanytheilman>

See above for more info -

The Jackson Walk will be held on the Southern Farm Bureau Life Insurance Campus – Oct. 4, 2015  
I-220, Watkins Drive Exit at 1401 Livingston Ln, Jackson,  
MS Registration begins at 1:00 pm

32-035749



33-830157



**JULY**

- 10 Carl Curtis
- 19 Gary Theilman
- 28 Janet Bullock

**SEPTEMBER**

- 2 Barbara Allen
- 20 Phillip Graves
- 26 Alex Kelly

**AUGUST**

- 16 Mark Young
- 29 Dustin White
- 30 Linda Nobles



Charity Project: At the November, 2015, meeting, we will collect new unwrapped toys to be donated to children at the Blair E. Batson Children's Hospital. For info on toys needed, please see:

<https://www.foch.org/wp-content/uploads/2011/02/2010BEBHolidayForm.pdf>

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Page 26

Grace Lee Whitney, famous for playing Captain Kirk's assistant in the original 'Star Trek' series, died at age 85, May 1, 2015.

Her son Jonathan Dweck said she died of natural causes in Coarsegold, California, about 50 miles north of Fresno.

Whitney played Yeoman Janice Rand in the first eight episodes before being written out of the series.

In her autobiography she wrote that she became an alcoholic before getting treatment and regaining her career with the help of Leonard Nimoy, who starred as Spock in the series.

She returned for the movie franchise, appearing in 'Star Trek: The Motion Picture,' 'Star Trek III: The Search for Spock,' 'Star Trek IV: The Voyage Home' and 'Star Trek VI: The Undiscovered Country.'

Dweck said his mother dedicated the last 35 years of her life helping people with addiction problems, some of whom she met at 'Star Trek' conventions.

Over time, she became appreciative of her short time on Star Trek because she developed meaningful relationships with the fans, Leonard Nimoy and other cast members,' Dweck said.

Besides Jonathan, she was survived by her other son, Scott Dweck.

# STAR TREK

## IN MEMORY OF GRACE LEE WHITNEY

### APRIL 1, 1930-MAY 1, 2015



## YEOMAN JANICE RAND



*Not Just a Pretty Face*  
**YEOMAN PRIDE**  
"Yes, you **WOULD** be lost without us!"

**Join the Yeomans Today!**  
**Contact your local Starfleet recruiter.**

In Memory of Grace Lee Whitney 1930-2015  
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