



StarLight

THE OFFICIAL NEWSLETTER OF THE U.S.S. BRIGHTSTAR

VOLUME TWO

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ISSUE TWELVE



**HAPPY FOURTH
OF JULY 2021**



From the First Officer

Hi and welcome to the July edition of the StarLight newsletter. As I sit here writing this installment for the newsletter, it's still the month of June. And when this newsletter comes out, it will be the beginning of July, with the fourth of July only a few days away.

Don't get me wrong, I would like to shoot-off some fireworks myself. But with a dog and a autistic son, that something I'm not able to do anymore. So, for now I'll just have to settle for someone else shooting off the fireworks for me. And of course, lets not forget about the cook-outs.

It seems like I always overeat at least five times a year. Thanksgiving, Christmas, Easter, Memorial Day, and of course the Fourth of July. And when it comes to the Fourth of July, it means one thing grilling out. And boy can I grill. I grill just about everything. Hamburgers, hotdogs, brats, you name it. I think one year I even tried to grill chicken. Don't laugh, it was a beg deal for me. It was the first time I didn't char-broil the thing. And you can just imagen what happen at the previous attempts. Yeah sure, you have to put up with the heat, and the smoke coming from the grill, but that's the one thing that I look forward to when it comes to the fourth of July, or any other fourth of July. Well that's all I have to say this time around. So I'll end this with my usual ending and with something extra. So, read on and enjoy.

Enjoy the holiday and HAPPY JULY FOURTH.

Its time I put this puppy to bed.
See you next month

The First Officer



Bible Quotes

Liberty

Leviticus 25:10

And you shall consecrate the fiftieth year, and proclaim liberty throughout all the land to all its inhabitants. It shall be a Jubilee for you; and each of you shall return to his possession, and each of you shall return to his family.

Luke 4:18

"The Spirit of LORD is upon Me, Because He has anointed Me. To preach the gospel to the poor; He has sent Me to heal the broken-hearted, To proclaim liberty to the captives. And recovery of sight to the blind, To set at liberty those who are oppressed; To proclaim the acceptable year of the LORD."

Romans 8:21

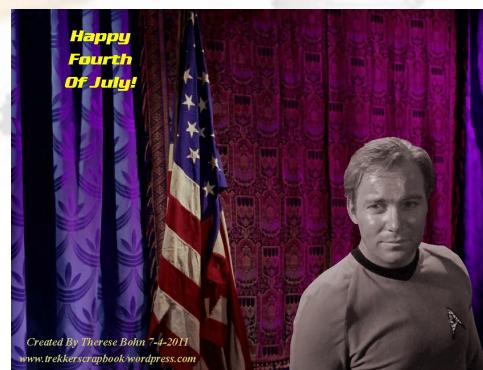
Because the creation itself also will be delivered from the bondage of corruption into the glorious liberty of the children of God.

2 Corinthians 3:17

Now the Lord is the Spirit; and where the Spirit of the Lord is, there is liberty.

Galatians 5:1

Stand fast therefore in the liberty by which Christ has made us free, and do not be entangled again with a yoke of bondage.



The Strange, The Weird, and What the @%&!

Is the FBI Investigating You? If you read a certain *USA Today* story the day it came out, the FBI may want your Internet address. The Bureau subpoenaed the newspaper demanding identifying information on readers who accessed the story — which dealt with an incident in Sunrise, Fla., where two FBI agents were killed — during a specific 35-minute window. In the subpoena, an FBI agent said the data was pertinent to the investigation of a crime, but the newspaper said in a story that it was “unclear” how it connects to investigating the shooting. Gannett, which owns the newspaper, is fighting the subpoena in federal court in Washington, D.C. (AC/USA Today) ... *Click here to read a special report on the events of January 6. P.S. The FBI will know whether you clicked.*

Opa-tisha-wocka-locka: A 10-year-old boy in Opa-locka, Fla., had a request for his father: could he take him to a drive-by shooting? With paintball guns, he meant — several kids were in some sort of paintball war. Michael Williams, 26, agreed, and they set off in the family van. The boy allegedly jumped out at the scene and opened fire on a crowd of kids with a paintball rifle, and a frightened homeowner pulled a gun — a real one — and shot back. The boy was hit, and it appears that Williams panicked and ran the boy over with the van, then scooped him up and raced home. His wife was a bit more clear-thinking: she called an ambulance. The boy is expected to recover. The man who fired the shot was not charged, but Williams has been: child neglect with great bodily harm. He was bailed out of jail. (RC/Miami Herald, WSVN Miami) ... *To face his wife.*

We Are Experiencing Nontechnical Difficulties: During a Memorial Day ceremony at Markillie Cemetery in Hudson, Ohio, the keynote speaker’s microphone turned off for about two minutes. Luckily, the Hudson Community Television microphone captured retired Army Lt. Col. Barnard Kemter’s entire speech for its recording, which showed a disclaimer while the mic was off: “Lapse in sound not fault of Stokes & Sound Inc. or Hudson Community TV.” It was the fault of Cindy Suchan, president of the Hudson American Legion Auxiliary, and Jim Garrison, adjutant of American Legion Lee-Bishop Post 464. Suchan said she had asked

Col. Kemter, 77, to remove that part of his speech because it “was not relevant to our program for the day.” When Kemter left it in anyway, his microphone was muted. The “irrelevant” section explains Memorial Day’s possible origin — when freed slaves honored deceased soldiers shortly after the Civil War. “I find it interesting that [the American Legion] ... would take it upon themselves to censor my speech,” Kemter said. “This is not the same country I fought for.” Garrison has resigned, and Suchan is being asked to give up her membership in the auxiliary. The state Legion office called the incident “a violation of the ideals and purposes of the American Legion,” and has suspended the post’s charter. (MS/Akron Beacon Journal) ... *Turning down the volume has amplified his message.*

Rest in Piece: Leona Feigh’s birthday was coming up, and the soon-to-be-3-year-old had a special request for her mother. Leona, who lives in St. Paul, Minn., is a fan of Disney’s *The Lion King*, and she wanted the cake to feature her favorite character, Mufasa. But not just any depiction of Mufasa: she wanted a *dead* Mufasa on her cake. Of course Leona’s mother, Alison, wanted to know why. Because, she said, “everyone will be too sad to eat the cake and it will be all for me.” The girl “really gets comedy, and that’s important in our family that you can tell a joke and sell a joke,” said her uncle, Casey Feigh. “She’s already figuring that out at the age of 3.” Her mother ordered the cake, even though she was embarrassed. “So yummy!” Leona declared after having a piece. (RC/WCCO Minneapolis) ... *You can’t have your cake and eat it too.*

Going After the Big Cheese: The British National Crime Agency says it found “no evidence of non-criminals” using the EncroChat encrypted messaging service — and it ought to know, since investigators cracked the service’s encryption and used the resulting evidence to arrest many of its users. The latest: the owner of the account “Toffeeforce”, which was using the service to coordinate the movement of large quantities of drugs, including heroin and cocaine. That user had been careful to not use his name or picture himself, but he was so happy to score a small package of Stilton blue cheese that he posted a photo of his find, holding it in his hand. The photo was clear enough that police could see his fingerprints — and they matched with their files. Carl Stewart, 39, was arrested, pleaded guilty in Liverpool Crown Court, and sen-

tenced to 13-1/2 years in prison. "This year will see a number of these people continuing to appear before the courts," said Merseyside Police Det. Insp. Lee Wilkinson, "and we welcome each and every one." (RC/Manchester Evening News) ... *Which message he broadcasted on an open channel.*

The Fighter: Several security cameras captured the crime: an 11-year-old girl was sitting in the grass waiting alone for her school bus when a man stopped his car, jumped out, and ran to her and grabbed her neck in an alleged kidnap attempt. The Escambia County, Fla., girl was so alert she was on her feet before he got there, and was able to fight him off even though, investigators say, he had a knife. Thanks to video footage and the girl's description, a suspect was arrested within hours, and there is evidence that he has been "watching her for some time," said Sheriff Chip Simmons. Jared Stanga, 30, has a history of sexual offenses, including with a child. He is being held on a \$1.5 million bond. Simmons is pretty sure he has the right guy: the girl was playing with "blue slime" at the time, and Stanga still had some on his arm when he was arrested. (RC/WEAR Pensacola, Pensacola News Journal) ... *Though it sounds like he's been slimy for a long time.*

Innocent Inquiries: School bus driver Kenneth Corbin had 18 kindergartners on board heading for Forest Lake Elementary School in Columbia, S.C., when a man jumped in holding a military rifle, ordering him to drive to the next town. But Corbin didn't pull any heroics — the children did, he said. "The kids were asking questions" of the gunman, said Richland County Sheriff Leon Lott. For example, "Are you a soldier?" "Are you going to hurt us?" "Are you going to hurt the bus driver?" the sheriff said. "They were being kids and they were asking lots of questions." Corbin said "I think we only rode about 4 miles and he just got frustrated with the questions." The gunman, later identified as Army trainee Jovan Collazo, 23, who ran away from nearby Fort Jackson, "just told me to stop the bus," Corbin said. "From that point, [it] seemed like he sensed more questions coming." Collazo's M4 rifle was unloaded and he was quickly captured; he was charged with "dozens" of felony counts. (RC/Columbia State, WTVD Raleigh) ... *Collazo won't like police interrogation one bit.*

Dudley Done Wrong: Howard Dudley, of Kinston, N.C., went to prison for more than two dec-

ades for refusing a plea deal. Theoretically, of course, he was entitled to refuse, but the plea deal would've carried no prison time at all, so all of his 23 years in prison has to be attributed to refusing the plea, not to supposedly molesting his daughter. This also has the advantage that he really is guilty of refusing a plea deal, as the court now says he is not guilty of molestation. Her testimony, which had been the only evidence against him, was recanted not long after her father was convicted. Dudley, now 64, went into his ordeal a manual laborer; he emerged physically unfit to return to that work. As compensation for the 23 years served, the state of North Carolina gave him \$45. Under state law, being exonerated entitled him to no more money than anyone else getting out of prison; to get more than that, he'd need a "pardon of innocence" from the governor. A bill before the General Assembly would empower courts to approve exonerated convicts compensation. (AC/Charlotte Observer, Raleigh News & Observer) ... *Of course, if the legislature really wants to protect the innocent, it could put an end to punishing people for insisting that they're innocent.*

Paging Stephen King: "I thought, this isn't real," said Ana Cardenas of El Paso, Texas. "This is a dream, wake up." But she already had awakened, and it wasn't a dream: there really was blood dripping on her, coming through her ceiling, at 4:00 a.m. Worse, she sleeps with her ceiling fan running, and it had sprayed the blood all over her bed, and all over her. She called 911. Firefighters broke down the door of the apartment above her and discovered the occupant, a man aged 55–70, had died 5–6 days before. "His body was laying exactly where my fan is underneath," Cardenas said. She is looking for a new place to live. (RC/KTSM El Paso) ... *Well, the apartment upstairs is available*

Wake-Up Call II: Firefighters responded to reports of a crash at the Cape Sands Inn in Yarmouth on Cape Cod, Mass. When they arrived they spotted the car that was involved — inside a room, on a bed. "I woke up and the car was already in the room," said Lindsey Cerqueira, "and my son went off of his bed next to the window and he flew onto my bed." Police say the driver lost control while backing up, causing her to crash into the ground-floor room. Thankfully, Cerqueira, her husband, and their three children were unharmed. "Last year we got hit by a drunk guy, [who] totaled our new car," Derek

Cerqueira said. "This year we get run over by a car in our bed. I think we're done with the Cape." (MS/WHDH Boston) ...*Next year: Cape Fear.*

Not Having Any of It: A lot of businesses have had trouble keeping their doors open during the Covid-19 pandemic, but one company in Tempe, Ariz., had a challenge like no other. CEO Norm Carson was at a trade show in Amsterdam when the disease was named, and attendees started asking to take his photo by the sign at his booth. "And then it started to hit me that this might be a big deal," he said. He has no plans to change the 40-year-old company's name: Covid Inc. "I mean, what are you going to do but laugh a little bit?" Customers "always want to come up with our new taglines," he said, such as "Covid, we had it first." (RC/NPR) ...*And with any luck, they'll have it last.*

Group Adrenalin Rush: When a family in Pottsville, Ark., called 911 to say their baby was choking, rookie cop Cody Hubbard, 23, was closest, and rushed to help. "When a family is depending on you like that, you know the pressure hits," Hubbard said later. When he arrived, the parents handed over their 3-week-old. "We were trying everything" without success, said the baby's father, Joe Chronister, "and it seemed like he knew exactly what to do." Hubbard did: "Got him breathing," Chronister said. "He saved my baby's life." It was all captured on Hubbard's body camera. Once it was over, Hubbard got back in his car, turned off his camera, and broke down. "I was crying, but it was happy tears," he said. "It felt good to see how that turned out." (RC/KLRT Little Rock) ...*The best cops are humans first.*



Star Trek: Brightstar

'Moving On'

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Part Two

"Number One, time on the shuttle launch?" Deora asked.

"Two minutes and twenty seconds." T'sikes barely answered after what he and everyone else on the bridge just witness.

"Transporter room three, there is a body outside the shuttle bay. Beam the remains directly to sickbay." Captain Deora asked with extreme sadness in her voice.

"Aye sir. We'll bring whoever it is back home." The transporter crewman stated.

"Thank you, Mr. Sing. Bridge to sickbay. Are you there doctor?" The Captain asked.

"A most illogical question, considering where else would I be?" D'lan answered.

"Yeah right. Doctor a body is being beamed directly to sickbay." Captain Deora started to say.

"Yes Captain, I heard what happen sir. My condolences' Captain. What are your orders?" Doctor D'lan said.

"Yes thank you. Doctor, I need to know who it is, and I'll need an autopsy performed on the body. As if I don't know already how he died." The Captain said rather. Angerly.

"Yes sir. The body just materialized. It'll be at least an hour before I can get started on it. I could have something in a couple of hours sir. Sickbay out." The doctor stated.

"Sir, the shuttle will be powering up and leaving in one minute thirty seconds." The First Officer reported.

"Understood Sikes. Tess set course for Sigma Iota Two, speed; warp six." The Captain ordered.

"Aye sir. Course set for Sigma Iota Two, speed; warp six. Standing by." Ensign Tess reported.

"Number One, I want an investigation into this matter. I want answers. I want to know how one person got into a secured shuttle bay, and why we couldn't get him out in time. Who overrode the doors and the forcefield. Set up a briefing in about two hours in the main briefing room, understand Sikes?" She ordered her First Officer.

"Understood sir. But sir, with respect and with all honesty there is no way I can get all those

answers, not in two hours. I can probably get some of the answers but not all." T'sikes explained.

"I know Sikes. Do the best you can. I don't like it when I lose a crewman for no reason. If it was in the line of duty? Yes, that I can understand. I may not like it, but I can understand. But the way that crewman died, that I can't and won't understand." Deora stated with anger in her voice.

"Aye sir. Thirty-seconds and counting." Commander T'sikes stated.

"Continue with countdown Tess.

"Aye sir. Continuing with countdown. Twenty seconds and counting." Tess reported.

"Sir, the shuttle craft is powering up. Ten seconds and counting." Tess called out.

No one on the bridge said anything. They didn't say anything about what just witness on the view screen or what's about to take place.

"Five seconds, four, three, two, one, warp six NOW!" Ensign Tess called out. And just like the last time, everyone was pushed back into their seat's. Only this time it was not as severe. This time around the inertial dampeners were able to compensate.

"We're at warp six and on course for Sigma Iotia Two." Ensign Tess reported.

"Thank you Tess. Commander T'sikes take Ensign Josh and start that investigation." Deora ordered.

"Aye, sir. Josh you're with me. Let's get down to engineering and talk to Chief Kenny." The Commander ordered.

"Aye, sir." Josh stated.

Josh pointed at an Ensign to take over his position. Both he and the First Officer headed to one of the turbo-lifts. The doors opened to let both of them enter. It was the First Officer who stated their destination, "Engineering." Just before the doors closed, they could hear the captain ask Ensign Tess a question.

"Tess when do we reach Sigma Iotia Two?" The Captain asked.

"The Brightstar should reach the planet in about five days at present speed." Ensign reported.

"Thank you Tess. Steady as she goes. Ensign." The Captain commented.

"Aye sir. Maintaining course and speed, Time to Sigma Iotia Two, four days, twenty-three hours, and fifty-eight minutes." Tess stated.

"Very precise readings Ensign." The Captain stated.

"I aim to please sir." Tess said.

"Thank you Tess. If only...." Deora said

"I'm sorry sir?" Tess asked.

"I'm sorry Tess. I was talking to myself." The captain explained.

The Captain got up from her chair and stood for a moment staring at the view screen. She turned in the direction of her ready room. She started to take a step but stopped.

"Kathy, if anyone should need me, I'll be in my ready room." Deora said with sadness in her voice.

"Aye, sir." Kathy said.

"Oh something else Kathy, you have the conn. There is a letter I have to prepare." The Captain said."

"Aye. Sir. I have the conn." Kathy stated as she got up from her position of communications and took over the command chair at the same time as someone went to cover her position at communications.

Two hours later in the main briefing room of the Brightstar

The Captain along with the rest of the bridge staff were sitting around the conference table waiting for something. What they were waiting for no one knew for certain, but for some reason the Captain did, or at least she thought she did. Just then the doors of the briefing room opened letting the First Officer and Doctor D'lan to enter. It was the First Officer who spoke first.

"My apologizes Captain. I was conferring with the doctor about this investigation, sir" Commander T'sikes said as he and the doctor sat down in their appropriate seats.

"And what did you find out from the Doctor Number One?" Captain Deora asked.

"What I found out, what we, the doctor and I have found out is both frightening and strange at the same time." T'sikes stated.

"What do you mean?" You found something didn't you? What have you found out?" Deora asked her first officer.

"What we found out is this sir, it almost looks like someone is trying to pull a practical joke on us. And if they are, it's poorly timed, and I am not finding it funny nor am I laughing." Commander T'sikes stated with seriousness of a Klingon.

"What do you mean Sikes?" Deora asked quizzically.

"Should I tell her, or do you want to?" T'sikes asked the doctor.

"What we found out is this sir, it almost looks like someone is trying to pull a practical joke on us. And if they are, it's poorly timed, and I am not finding it funny nor am I laughing." Commander T'sikes stated with seriousness of a Klingon.

"What do you mean Sikes?" Deora asked quizzically.

"Should I tell her, or do you want to?" T'sikes asked the doctor.

"I think it should come from you Commander. Considering you are the one who is in charge of the investigation." Doctor D'lan answered the First Officer.

"Tell me what, dammit?" Deora asked with a little anger.

"To tell you that there was no one injured, no one was killed, not even murder was committed." T'sikes reported.

"What did you just say? What do you mean?" The Captain asked.

"It's just what he said, Captain." D'lan said.

"Some of the pieces started to fall into place when D'lan called me down to sickbay. She said she had made a rather significant discovery." The First Officer reported.

"And what was this significant discovery?" Captain Deora asked wishing the two would get to the point.

"Captain, there is no body. What we beamed aboard was a mannequin, a dummy." Doctor D'lan reported.

"What?!! What about the sensor readings? What did they record, or did they record anything?" Captain Deora asked with stunned disbelief on her face.

"Oh, it recorded something alright, what it recorded, we don't know yet. We're still going over what the internal sensors recorded. What we do know for sure is this, Ensign Josh and I had the computer do a head count of the crew. And the computer has accounted for everyone onboard. Ensign Josh and I did a manual check of the crew compliment ourselves as well. Both the computer's and our findings matched. Somehow we were plus one person for two days!!" Commander T'sikes explained.

"We had an intruder onboard for almost two days, and we didn't even know it?!!

"It would seem so, sir." Doctor D'lan piped in. "So how did this intruder get aboard my ship, let alone get off my ship." The Captain asked with even more anger than before.

"How the intruder got on board we don't know yet, and we are looking and going over everything to find out how the intruder did get onboard.

Sadly, with a ship this size a person can hide just about anywhere they want to and not be found. How the intruder got off the ship, we do know. We went over the visual log entry and, well see for yourself Captain." T'sikes stated as he called out for the computer, "Computer please play back the visual log entry of the outside of the shuttle bay at the time of the shuttle's departure. As you can see the debris is all around the shuttle. Computer enhance the upper right quadrant area near the shuttle craft and enlarge. Now the blur you're about to see, will be the shuttle craft taking off." Commander T'sikes stated as he narrated what was happening on the view screen.

Sure enough there was a blur that was the shuttle craft departing for Earth. Then as everyone was watching, one piece of debris came into view, it look like an ordinary cargo container. As everyone was looking at that one cargo container, it broke apart and revealed what look like to be a two-man shuttle craft of unknown design.

"What the hell is that?" The Captain asked.

"It looks like a two-man shuttle craft of an unknown design. I checked the ship data base, and the ship's library computer and I can tell you that it is not Federation or any other space faring race. The First Officer stated as everyone watch on the monitor the two-man shuttle craft take off after the other craft.

"Number One find out. Use Josh and the doctor if you have too but get those answers." The Captain suggested.

"Aye sir. Anything else?" The First Officer asked.

"Yes, was you able to figure out his heading?" Deora questioned.

"Yes and no, sir. All indications are the craft was on the heading for Earth, but that could have been for show." The First Office explained.

Then a shocked look came across her face at what she just heard from the First Officer. She looked at Ensign Tess and then Lt. Comm. Henderson.

"Oh sweet Mary, Sikes I wished you hadn't said that. Ensign Tess go to your station, push us immediately to warp nine point five. Push the hell out of the engines if you have to. Lt. Comm. Henderson contact the Federation protectorate at Sigma Iota Two. Tell them everything, tell them to do whatever it takes to protect themselves and Sigma Iota Two at all cost, until our arrival.

And when you're done with that get me Starfleet Command priority one channel.

Pipe it into my ready room. Commander your with me. Please join me in my ready room." The Captain ordered.

N.A.S.A. Is Looking For You To Be a Citizen Scientist Do you want to know more?

N.A.S.A. recently announced thanks to the help of a father and son duo, two new planets have been discovered orbiting a star known as HD 152843. A star that is three hundred and fifty-two lightyears from Earth.

The father Cesar Rubio said it was his son Miguel Rubio who made the initial discovering of one of the planets. Cesar and Miguel are part of a growing group that is and has been sponsored by N.A.S.A.

The group known as "Planet Hunters TESS, a citizens science project." Which has over twenty-nine thousands members worldwide. The TESS part of the title stands for Transiting Exoplanet Survey Satellite. The N.A.S.A. spacecraft was launched in April of 2018.

Planet Hunters TESS announced the discovery with the father and son team named as co-authors of a report in the Monthly Notices of the Royal Astronomical Society. The star (HD 152843) has the same mass as our own star, but its star is 1.5 times bigger and slightly brighter. The study of the two planets suggest that planet b is Neptune size 3.4 times larger than Earth. It orbits its star in twelve days. Whereas its companion planet, planet c, is 5.8 times bigger than Earth, what some scientists call a sub-Saturn size. The planet takes between anywhere from nineteen days to thirty-five days to orbit. Both planets orbits would fit inside the orbit of Mercury which takes eighty-eight days to orbit our star.

"Studying them together, both of them at the same time, is really interesting to constrain theories of how the planets both formed and evolve over time." Said Nora Eisner. A doctoral student in astrophysics at the University of Oxford in the United Kingdom, the lead author of the study. The Planets Hunters looks for evidence of planets beyond our solar system, exoplanets. Citizens Science is way for members of the public to collaborate with the scientists.



Planet Hunters TESS operates through Zooniverse which began in December of 2018. Shortly after that, the data from TESS became accessible to the general public. The citizen scientist look at the different graphic of stars to check for brightness of the stars. Each brightness of a star is looked at by the volunteers who go to the Zooniverse website. In the background of the website, an algorithm is running. What this algorithm does is collect all the submissions made by the volunteers. And picks out the "light curves" that have been flagged by multiple volunteers. As in the case of the star HD 152843. Eisner and her colleagues will decided to take a closer look at the star. This process is beneficial for researchers and scientist for the simple fact you cannot perfectly program computers to do this kind of work.

"That's why a lot of the exoplanet candidates are missed and why citizen science is great" Eisner said.

Citizen Scientists looked the light plot of HD 152843 that came from the TESS observation and discovered at least at least three distinct dips. This means one of those dips is a planet. Fifteen citizens scientist looked at this light curve and flagged two transits, some flagged the light curve on the Planet Hunters TESS online discussion forum. The scientist compared both the data and their own models and determined that planet b had passed in front of the star twice while planet c had passed or orbit the star once. To make sure that the transit signals came from a planet and not another source, say a star eclipse, or an asteroid, or a technical glitch with the TESS salalite itself. Scientist and researchers will look at the star using a different method. The method they used is called HARPS-N. Which stands for High Accuracy Radial velocity Planet Searcher for Northern hemisphere, located at Telescopio Nazional Galileo in La Palma, Spain. N.A.S.A. also uses another method called EXPRES, which stands for the Extreme Precision Spectrometer located at the Lowell Observatory in Flagstaff, Arizona. Both the HARPS-N and EXPRES were used to detect a wobbling in the starlight when a planet orbits a star. The technique is called redial velocity. Using this method also allows scientist to estimate the planet's mass.

The scientist could not get a clear enough signal to pinpoint the two planets masses using the previously mention. The scientist could only guess at the two planets masses. Planet b they suspect is twelve times the mass of Earth, and planet c is 28 times the mass of Earth.

More precise measurements are needed to conform both planets masses. More high-tech tools maybe coming in the near future. The James Webb (no relation to me by the way) Space Telescope is due to launch later this year (2021). This new space telescope will be able to look at the molecules that make-up the planet's atmosphere if any. However most the scientist believe both planets of the HD 152843 star system are to hot and gaseous to support life as we know it.

"We're talking baby steps towards the direction of finding an Earth-like planet and studying its atmosphere and continue to push the boundaries of what we can see," Eisner said.

Those citizens scientists who helped with the classification of HD 153843 light curve and three other planet hunters who also moderate the online website were invited to have their names added as co-authors to the study and the discovery made from that study.



Alexander Hubert is part of the Planet Hunters TESS program. He has help classified over ten thousand light curves through the Planet Hunters TESS website. Alex is taking mathematics and Latin in Würzburg, Germany. He plans to become a secondary school teacher.

"I regret sometimes that in our times, we have to constrain ourselves to one, maybe two subjects, like for me, Latin and mathematics." He would go on to say, "I'm really grateful that I have the opportunity on Zooniverse to participate in something different."

Elisabeth Baeten of Leuven, Belgium who works as a administration of reinsurance who also co-authored a study says, "Classifying light curves on the Planet Hunters TESS website is relaxing." She has always been interested in astronomy since childhood. Elisabeth is one of the original volunteers of the Galaxy Zoo astronomy citizens science project that was started in 2007. The project first invited participates to classify the shapes of distant galaxies. Beaten has been part of more than a dozen published studies through the Zooniverse project.

This new study of HD 152843 is Cesar and his son Miguel first scientific publication. Astronomy has been a life-long interest. Something Cesar shares with his son.



"I feel that I'm contributing even if it's only like a small part."

N.A.S.A. has a variety of citizens science collaborations available. Anyone who is interested can access the website at science.nasa.gov/citizenscience.

Pinn-Pinn's Recipe Corner

Allies and enemies alike will fold space to get their hands on your precious, spice filled sandworms.

Spice Stuffed Squash Sandworms



Slice neat ridges into the skin along the sandworm's back for the Fremen to grab when they ride.

Arrange your sandworms on the bed of cooked brown rice so it looks like they're swimming through the desert, awash in a heady aroma of spice.

Garnish with your own personal messiah (or an appropriately sized toy soldier.)

Allies and enemies alike will fold space to get their hands on your precious, spice filled sandworms.

People think of the founding fathers as being stiff necked and straight laced, but the truth is they could party harder than frat boys on spring break. The legend of Martha Washington's Rum Punch* was once even more widely known than the legend of Sleepy Hollow. Show your favorite modern Lieutenant how to party like it's 1779 with a cup of:

Martha Washington's Revolutionary Rum Punch



*1/2 cup white rum
1/2 cup dark rum
Juice and rind of 5 lemons
Juice and rind of 4 oranges
1 orange cut into pinwheels
3 whole cloves
2 whole cinnamon sticks
1/2 tsp grated nutmeg
2 cups sugar
5 cups water*

Ask Lieutenant Mills to acquire the proper ingredients from the market. Upon her return, mix the water, sugar, nutmeg, cinnamon sticks, and cloves in a large saucepan. Marvel at the ease of consistent, fire-free heat. Use this modern marvel to bring the solution to a boil.

Once the sugar has dissolved into the solution like an enchanted eye dissolving into sand, keep it boiling for 15 minutes, stirring frequently. Mix the lemon juice, lemon rind, orange juice, and orange rind into the boiling sugar. Ignore any impudent suggestions you add eye of newt or toe of frog.

Take the pot off the heat and let it sit for 1 hour

while the flavors mingle into a harmonious reminder of a bygone era.

Strain out all the solids, for their work here is now complete.

Add both rums and mix well.

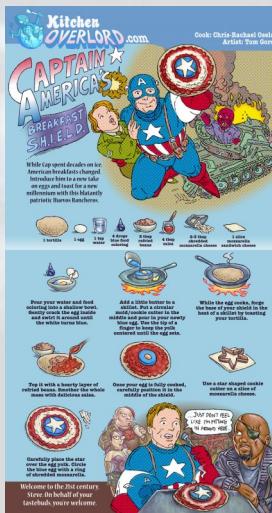
Chill until it is as cold as a New England winter. Serve modern skeptics a teacup full of punch with an orange pinwheel slice floating on top and a sprinkle of nutmeg to spice it up.

* Yes, this is a real historic recipe. George Washington would literally take barrels of Martha's Cherry Bounce and other homebrew with him when on the march.

CAPTAIN AMERICA'S BREAKFAST S.H.I.E.L.D.

While Cap spent decades on ice, American breakfasts changed. This 4th of July, introduce him to a new take on eggs and toast for a new millennium with this blatantly patriotic Huevos Rancheros.

Avengers, Assemble:



One tortilla
One egg
Four drops of blue food coloring
1 tsp water
2 tbsp refried beans
4 tbsp salsa
1 slice mozzarella sandwich cheese
2-3 tbsp shredded mozzarella cheese
Pour your water and food coloring into a shallow bowl. Gently crack the egg inside and swirl it around until the white turns blue.
Add a little butter to a skillet. Put a circular mold/cookie cutter in the middle and pour in your newly blue egg. Use the tip of a finger to keep the yolk centered until the egg sets.
While the egg cooks, forge the base of your shield in the heat of a skillet by toasting your tortilla.
Top it with a hearty layer of refried beans.
Smother the whole mess with delicious salsa.
Once your egg is fully cooked, carefully position it in the middle of the shield.
Use a star shaped cookie cutter on a slice of mozzarella cheese. Carefully place the star over the egg yolk.
Circle the blue egg with a ring of shredded mozzarella.

Add a little butter to a skillet. Put a circular mold/cookie cutter in the middle and pour in your newly blue egg. Gently crack the egg inside and swirl it around until the white turns blue.

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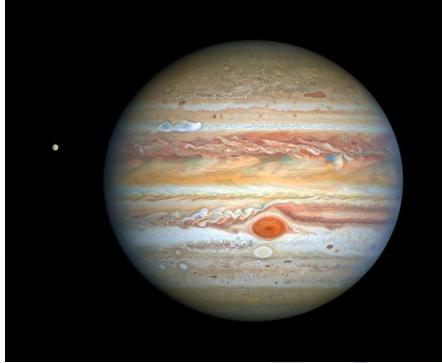
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Use a star shaped cookie cutter on a slice of mozzarella cheese. Carefully place the star over the egg yolk.

Circle the blue egg with a ring of shredded mozzarella.

Welcome to the 21st century, Steve. On behalf of your tastebuds, you're welcome.

The Hubble Space Telescope Breaks Down AGAIN!!



The Hubble Space Telescope has been peering into the universe for more than thirty years. But on June 13, 2021, the space telescope broke down. The prob-

lem is with its payload computer. June 13th is the day that it stopped working.

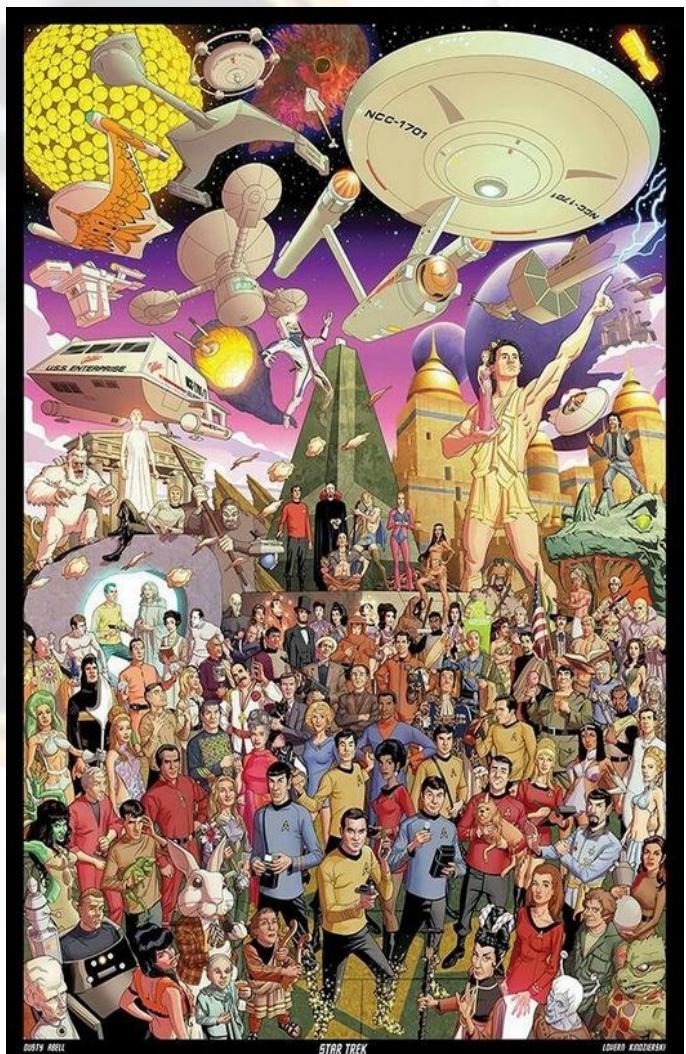
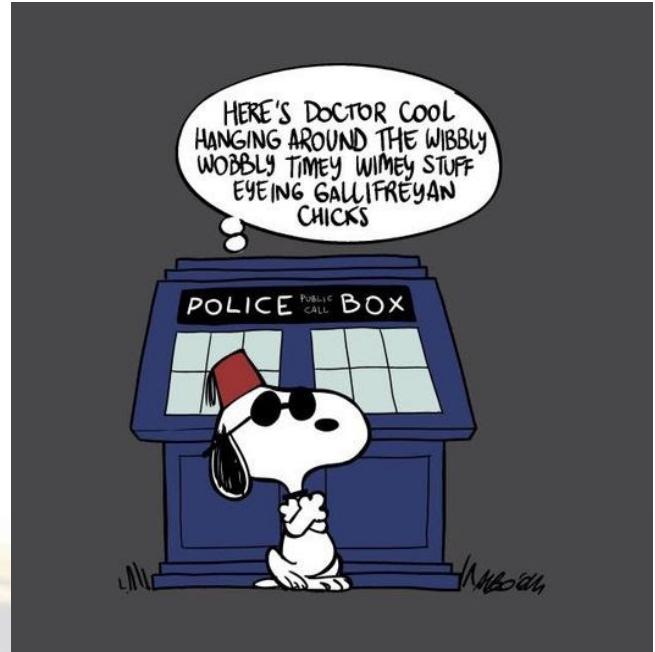
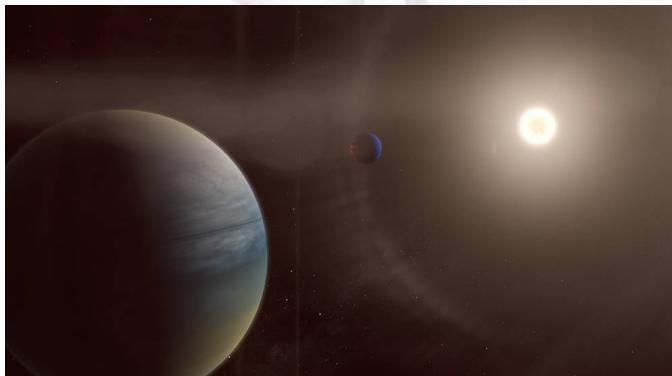
The telescope and the scientific equipment are in good conditions, "in good health."

"The payload computers purpose is to control and co-ordinate the science instruments and monitors them for health and safety purpose," a N.A.S.A. official stated.

N.A.S.A. attempted a restart on Monday June 14th, but it failed. Initial evidence points to a degrading computer memory module as the source of the computer problem. An attempt to switch to backups, but that also failed as well. The technology that the Hubble uses, dates back to the 1980's, but was replaced in 2009.

Launched back in 1990, the Hubble Space Telescope revolutionized astronomy, and it changed how we would look at the universe, the solar system, and the Milky Way galaxy and other galaxies.

The new more powerful James Webb Space Telescope will be launched later this year (2021). It has been designed to peer even deeper into the cosmos than ever before.



Where is Doctor Who

This is where he was last month.



On top of a porch railing next door to me.



Where will he be next month?

Find out in the Column.



Here is your clue for next month.



Where is the Doctor this month.
See You Next Month.



Word-Search

Mystery Movie

It's off to the movie with this puzzle! First loop in the puzzle diagram all the words featured in the list; then read the leftover letters from left to right, top to bottom, to reveal a brief description followed by the title of our Mystery Movie. The answer is on the last page at the bottom. So no peeking now. The words in the puzzle have been highlighted.

CARLIN, George	PISTON Cup	RATZENBERGER, John	SMALL town
CHICK Hicks	PIVEN, Jeremy	ROAD repair	SPORTSMANSHIP
DOC HUDSON	PLOT	SALLY Carrera	STORY
DOOLEY, Paul	RACE	SARGE	WILSON, Owen
FAMILY film	RAMONE	SHALHOUB, Tony	
FILLMORE	E P S N T L N K E E M M A C K		
FRIENDSHIP	R E P T A U I C G N A A V I N		
FUNNY	S T O R Y I L I R I O R T R N		
HARV	G T R C O G R H A N A M W E N		
HERO	F Y T M P I A C S H U T A G R		
HOTSHOT	E A S L D O C H U D S O N R H		
rookie	R R M P I H S D N E I R F E A		
HUNT,	D A A I B G W I L S O N R B Y		
Bonnie	O C N N L U H H N I M O N N D		
KEATON,	O E S O O Y O T A T M E N E A		
Michael	L E H K T T S H N L V U H Z O		
KIDS' movie	E D I P S A S F L I F U E T R		
KING, The	Y N P H L A E I P A N I R A M		
LARRY the Cable Guy	G T O L U O F K P T H G R R E		
LIGHTNING McQueen	C T Y A R S T L L A M S D I K		
LUIGI			
MACK			
MARIN, Cheech			
MATER			
NEWMAN, Paul			
PETTY, Richard			

Have a Safe and Happy Fourth of July



See You Next Issue