

STARFLEET

KAG

UNITED FEDERATED
PLANETS

SPECIAL POINTS
OF INTEREST:

Annual Promotions 2017

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On The Horizon October 2017



Pluto may have a 60 mile deep liquid water ocean

The excommunicated "planet" is full of surprises

We used to think of Pluto as a remote frigid rock, but since the [New Horizons](#) visit, it's vying for the title of the solar system's [most interesting](#) (ex-) planet. An earlier study showed that its core is warm enough to support a liquid water ocean, and now we've learned that it might be huge -- at least 100 km (62 miles) deep. The evidence, according to the team from Brown University, comes from a likely impact with massive asteroid.

Pluto's most significant feature is the [Sputnik Planum](#), a heart-shaped crater formed by an impact with an object up to 200 km (125 miles) across. Normally, such a crater would create a "negative mass anomaly," or a gouged-out hole with less heft than the terrain around it. However, "that's not what we see with Sputnik Planum," says Brown University geologist Brandon Johnson.

Instead, the region unexpectedly has more weight than scientists expect. They know that because of Charon, Pluto's moon. Like ours, it's tidally



locked with Pluto and always shows the same face to the planet. Interestingly, the Sputnik Planum sits right on the tidal axis, suggesting that there's more mass in that area. "As Charon's gravity pulls on Pluto, it would pull proportionally more on areas of higher mass, which would tilt the planet until Sputnik Planum became aligned with the tidal axis," the paper states.

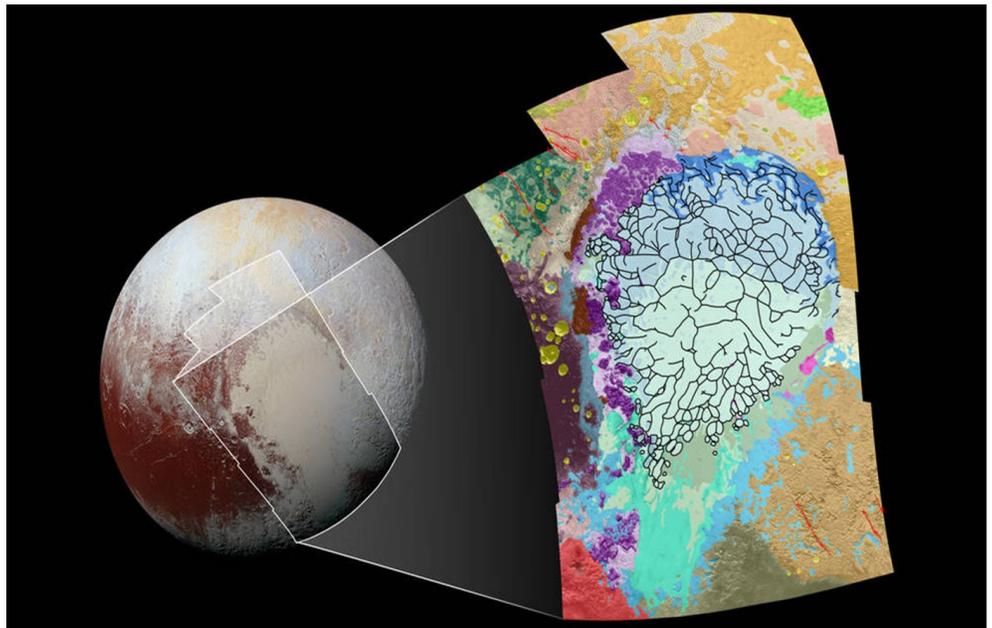
So why would a crater area be so heavy? The researchers theorize that when a large body impacted Pluto, it created a trampoline effect, drawing material near the core toward the surface. If that material was liquid water, "it may have welled up following the Sputnik Planum impact, evening out the crater's mass," the paper says. Nitrogen ice later filled in the crater to give it extra weight, resulting in a positive mass anomaly.

For the simulation to be accurate, the liquid water below the surface must be at least 100km thick with 30 percent salinity. That might seem impossible on a planet with a surface temperature of 44K (-380 F). However, scientists think that radiation heating at the core of the planet and the 300km (200 mile) thick insulating ice shell makes liquid water feasible, in theory. "It's pretty amazing to me that you have this body so far out in the solar system that still may have liquid water," says Johnson.

Via: [Phys Org](#)

Source: [Brown University](#)

In this article: [BrownUniversity](#), [Charon](#), [NewHorizons](#), [Ocean](#), [Pluto](#), [science](#), [space](#), [Water](#)



A closeup of the Sputnik Planum impact crater



Captain's Log

Vice Admiral Eddie Allen III

201709.30 September 30, 2017

And...

The vacation happened!! I took Miss Rhonda to Baltimore and we visited with Lyla for 4 straight days of at least 4 hours a day. We had to scrub in and it was serious scrubbing and we had to take turns. I have included a photo of me scrubbing in. You can see the countdown clock and low and behold, do not quit early unless you want to start over after incurring the wrath of the nurse.



Our trip out started late as your CO had reports due and finished all of them before leaving on the trip. We finally left St Louis at three in the afternoon or so. We were due to drive all the way to Columbus, Ohio in order to spend the night. Dinner was supposed to be pizza in Columbus at a noted local spot near the hotel. Of course, we did not make it to Columbus for dinner and barely made it there to sleep. We got in at about 1 am. If not for a rogue eighteen-wheeler, obviously empty, that went rolling through Illinois and Indiana at 75 mph or more both speeding up traffic overall and playing rabbit, we would have arrived at least an hour later. Our pizza was at Bazbeaux in downtown Indianapolis, listed as one of the best places in their fair town. It was great!

We discovered that once past Columbus, you could not count on a service station having a public bathroom. This trip became a McDonalds stop trip. They at least have restrooms. The other part of this trip was that it became the Dave's single trip. We pretty much used Wendy's and Dave's singles as our lunch. No fries and split a small soda. The July vacation was the catfish fillet trip. This is a trend that is becoming interesting. I wonder what food item the next vacation will center around.





I believe that Rhonda plans to write about the Lyla visits. I hope she gives a good accounting. I will only say that she seems to like my holding her best.

I've included a photo of Rhonda's crab dinner and she will probably give lots of detail about that as well. We had several good outings while I was there.

We had one vacation style side trip. We went to Ocean City. This was the only vacation part of the trip. Mostly we went to meet Lyla and to visit with MySha and Jamal. Ocean city was our celebration of our 20th anniversary. That happened in August. We arrived to find ourselves in a massive storm that lay up to 4 inches of water on the road. The water all was gone by the next morning and we were able to eat our breakfast out of doors. We had a place on the beach with a balcony facing the ocean just for the occasion. When we awoke we just watched the ocean and the sunrise. It was a great time.

Our return was similar to the drive out. To Columbus, and finally pizza, there. We again planned around McDonald stops.

Speaking of trips, is anyone going to IC2018. We plan to do that. So far, I have heard of one member that is going. This trip, for us, will entail a side trip to Michigan and Wisconsin and maybe to Canada. Who is game for that one?

End Log



Crab, Crab and more Crab. Rhonda the crab queen!

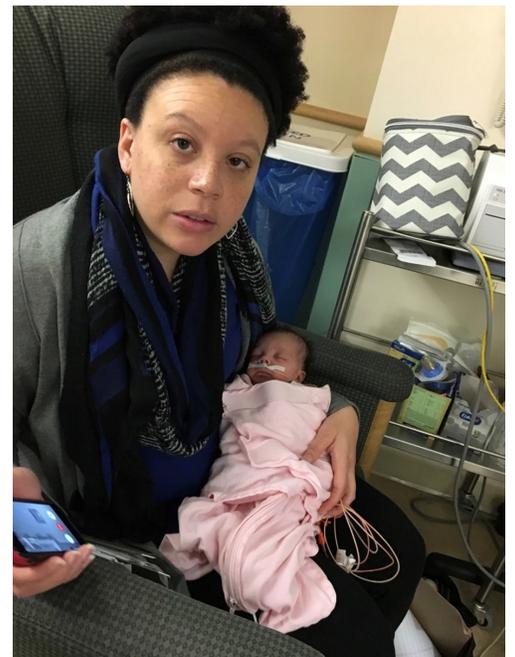




Seafood by the seaside



Grandpa and Lyla



MySha and Lyla



Engineer's Log

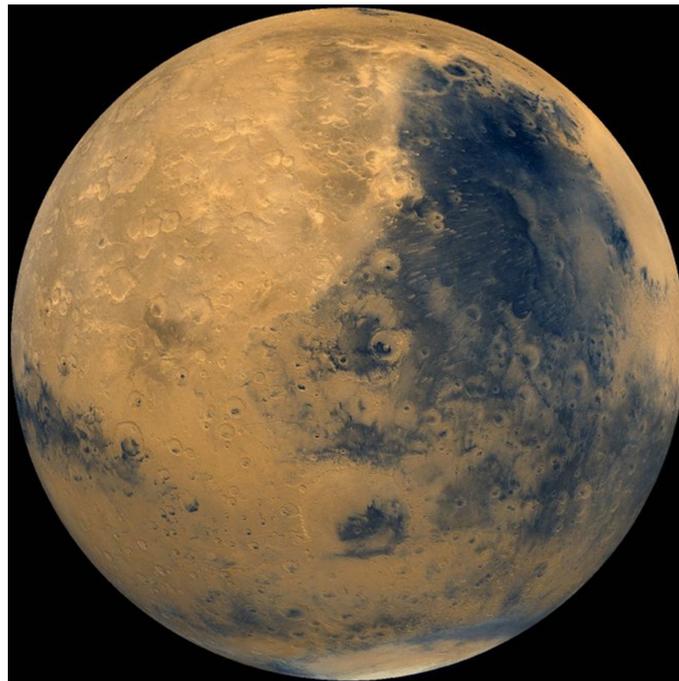
Vice Admiral Eddie Allen III

201709.21 21 Sept 2017



Trekyards & Fleetyards Pages this month: <https://www.youtube.com/user/knightstalker666>

Krill Destroyer, Orville, Discovery, Romulan Ships, Shenzhou, Discovery Romulan Ship, Dreadnought



A photo of Mars from NASA's Viking spacecraft, which launched in 1975.

Credit: The Viking Project/NASA



ON THE HORIZON
OCTOBER 2017

Fifty years ago today (April 12), cosmonaut Yuri Gagarin blasted into Earth orbit, marking the beginning of the human spaceflight era. In humanity's first half-century as a spacefaring species, government-run space programs put people on the moon and began to master low-Earth orbit. The next 50 years should bring a sea change, with commercial companies taking over near-Earth operations and freeing NASA and other space agencies to send astronauts to asteroids and Mars.

As a result, by 2061, millions of people may well have gone to space, and thousands may be living there, experts say. We may see perma-



nently manned outposts on the moon, and boots will likely have crunched into Mars' red dirt.

The seeds of this transformation are being sown now, as private companies ramp up their spaceflight capabilities and start finding ways to make money in Earth orbit and beyond.

"We're in the midst of a paradigm shift right now," said scientist Alan Stern, vice president of the space division of the Southwest Research Institute, a nonprofit organization based in San Antonio. "In 15 years we'll likely look back and say, 'That was a special time. That was pivotal.'"



Virgin Galactic's SpaceShipTwo private suborbital spacecraft makes its first solo test flight on October 10, 2010.

Credit: Mark Greenberg

Private spaceflight taking off

Since Gagarin's historic achievement, human spaceflight has been the province of nations, with government agencies such as NASA launching people into space for scientific reasons, or as expressions of national pride.

But that's all about to change, because private spaceflight is set to take off, making access to space far cheaper than it's ever been.

Multiple companies are developing their own spaceships and their own plans for making money in space. Virgin Galactic, for example, could start taking tourists on suborbital joyrides as early as 2012, at \$200,000 per seat. More than 400 people have already bought down payments for such a trip, according to company officials.

Other firms are jockeying for position in the suborbital-tourism race, including Blue Origins, Masten Space Systems, XCOR Aerospace and Armadillo Aerospace.

Orbital tourist trips might not be far behind suborbital jaunts. Various companies — including Space Exploration Technologies (SpaceX for





ON THE HORIZON
OCTOBER 2017

short) — are developing crewed vehicles that could take paying customers to the International Space Station, or perhaps the commercial space station under development by Bigelow Aerospace, which is helmed by hotel tycoon Bob Bigelow.

And spaceflight might become a regular part of our day-to-day travel around the planet within the next 50 years, some space industry insiders say. Vehicles that rocket through space on their way from San Francisco to Sydney, for example, could turn a taxing 14-hour trip into a short jaunt.

"In 50 years, companies and government agencies may have tackled the technological challenges that will enable point-to-point rocket or hypersonic transportation," said Virgin Galactic president and CEO George Whitesides. "For the last 50 years, the average speed of air travel has not changed — we are certainly overdue for a significant major advance."

More than tourism needed

Tourism is the leading edge of the commercial push into space. But for humanity to really establish a presence in Earth orbit and beyond, other space-based industries must be developed as well, experts say.

[\[Vote Now! The Best Spaceships of All Time\]](#)

"People need to figure out business models by which you can monetize other aspects of human spaceflight beyond tourism," Stern told SPACE.com. "Bob Bigelow has one, with his space station. We need 50 Bob Bigelows."

Those other commercial opportunities may include mining asteroids for precious metals, or extracting the moon's ample water stores to produce rocket fuel, which would be sold to spaceships at orbiting filling stations.

Indeed, some businesses are already planning out such ventures.

The private firm Shackleton Energy Company, for example, plans to send robotic scouts to the moon in the next four years and hopes to be selling propellant in low-Earth orbit by the end of the decade.

If some of these ideas pan out, more and more entrepreneurs and companies might see business opportunities in space. The effects could snowball, and the proverbial heavens could soon open up.

"Fifty years in the future, I would hope that millions of people have had the opportunity to travel to space, and that thousands of people live there," Whitesides told SPACE.com. "I think outposts on the moon and Mars are entirely possible, with tourism to the lunar surface an expensive but possible activity."

Freeing NASA up to explore

The coming explosion in commercial spaceflight capabilities should free up NASA to explore farther afield than it ever has before.

NASA is retiring its space shuttle program later this year after three decades of service. The agency is counting on companies such as SpaceX to take up the burden of ferrying astronauts to and from low-Earth orbit over the long haul.

"If others are able to take that on, then we can concentrate on exploration and discovery, which are really what we're here for," said Doug Cooke, associate administrator for NASA's Exploration



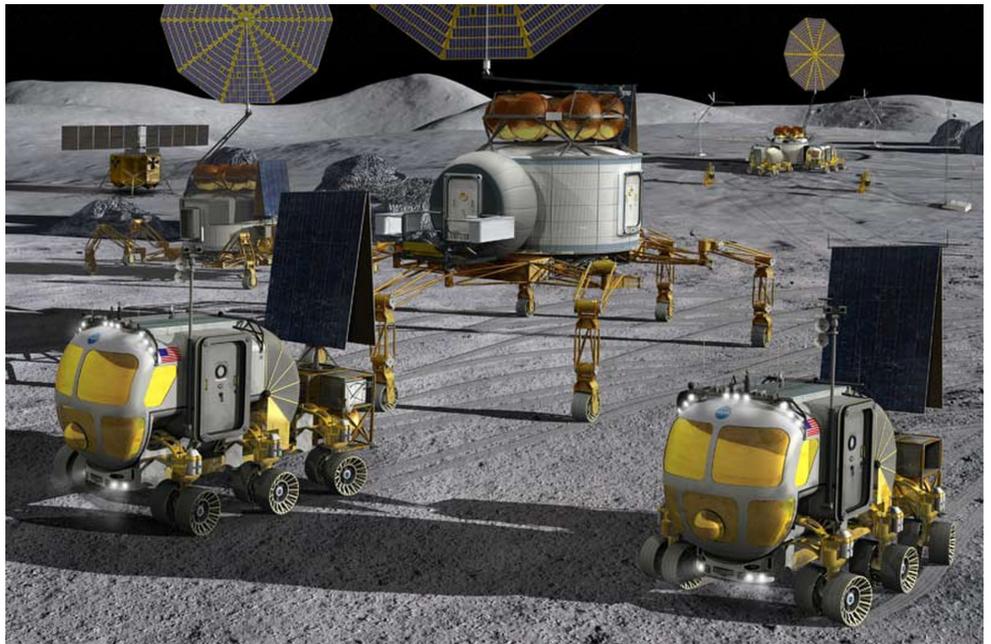
Systems Mission Directorate.

NASA is already eyeing destinations beyond low-Earth orbit and the moon. President Barack Obama's vision for the nation's human spaceflight future calls for NASA to send astronauts to an asteroid by 2025, and then on to Mars by the 2030s.

NASA has many reasons to send astronauts to Mars — chief among them to search for evidence of life on the Red Planet, be it past or present. And astronauts could well be looking for microbes in the Martian dirt before 2061 rolls around.

"I think in this timeframe, we could easily have sent people to Mars," Cooke told SPACE.com. "We may have gone there repeatedly." Excursions to the moon or asteroids would likely come first, Cooke added, to help astronauts and scientists map out a Mars trip. And a journey to the Martian moon Phobos is another potential intermediary step.

"You'd be right at Mars, and you could teleoperate [robots] on the surface," Cooke said. "Yet you wouldn't have to take the full step of landing on Mars, which is a big deal."



This NASA illustration shows a moon base concept that uses both fixed and inflatable habitat elements to support astronauts living on the lunar surface.

Credit: NASA.

Making it happen: NASA

NASA is on its way toward developing the capability to get beyond low-Earth orbit. But the space agency isn't quite ready to launch astronauts to the Red Planet yet.

Among other things, NASA needs to develop larger spaceships that can accommodate crew on a potential six-month trip to Mars, for example. And it must come up with a heavy-lift rocket, Cooke said.





"The biggest first step is a heavy-lift vehicle," Cooke said. "It's incredibly important. We're going to have to launch the equivalent of the -up space station that we currently have in orbit to get to the Martian surface and back."

New entry and landing systems would also be needed for a manned Mars mission, as would effective ways to protect journeying astronauts from dangerous space radiation.

The scale and cost of such a mission mean that NASA likely wouldn't be going it alone.

"We will probably do this in an international effort, which will benefit all of the world," Cooke said.

Making it happen: Private spaceflight

For the commercial human spaceflight revolution to really take hold, companies must find a variety of ways to make money in space, Stern said. And they must increase the safety of human spaceflight.

[\[10 Private Spaceships Headed for Reality\]](#)

NASA's space shuttle has had two fatal accidents in 133 manned missions. The safety record of Russia's Soyuz vehicle is comparable. Private companies will probably have to do better than that, or tourists, scientists, educators and anyone else won't risk flying with them regularly.

"The trick is to have the fatalities be rare enough to be acceptable," Stern said. "Currently they are not, because the shuttle and similar systems have fatalities too often on a per-flight basis."

Stern thinks an order of magnitude improvement in the safety of commercial human spaceflight — one accident every 500 or 1,000 flights, say — might be enough to get people taking to the heavens regularly.

For his part, Whitesides thinks that human spaceflight might make huge safety strides in the next half-century, perhaps becoming as reliable and routine as plane travel is now.

"I think travel to LEO [low-Earth orbit] could approach the safety of commercial airplane travel in that timeframe, if not much sooner," Whitesides said. "Through the use of new technologies and safety systems, we should be able to make significant advancements in space safety, as we are doing today at Virgin Galactic."

If all of these factors line up, humanity could escape from the boundaries of its home planet as never before by 2061. We could establish an extensive and protracted presence in Earth orbit, on the moon and beyond, experts say.

Stern is optimistic that this push into space is under way, facilitated by the improving capabilities of private spaceflight.

"We're seeing that the private sector can do human spaceflight, and do it at radically less expensive price points," he said. "I believe in 200 years, when people look back, they will see this as the pivotal breakout in human spaceflight."





Engineer's Black Market Store

Newly Released Trek and Star Wars Merchandise

Vice Admiral Eddie Allen III

August 2017



TREK

Chair Capes from Original Series era: <http://www.entertainmentearth.com/prodinfo.asp?number=EE16505>



Think Geek Next Gen Car Charger: <http://www.thinkgeek.com/product/iskh/>



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More Engineers store—Trek

Starship Collection get to ship # 100: <http://www.startrek.com/article/100th-official-starships-collection-ship-is-u-s-s-horizon>



Loot Crates are a good gift idea: <http://www.syfy.com/syfywire/loot-crate-and-qmx-team-for-star-trek-mission-crate>



Discovery Uniforms are now available: <https://www.amazon.com/dp/B074VG87JQ?th=1>



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Engineers Black Market Continued

ThinkGeek Enterprise Coasters: <http://www.thinkgeek.com/product/iskg/>

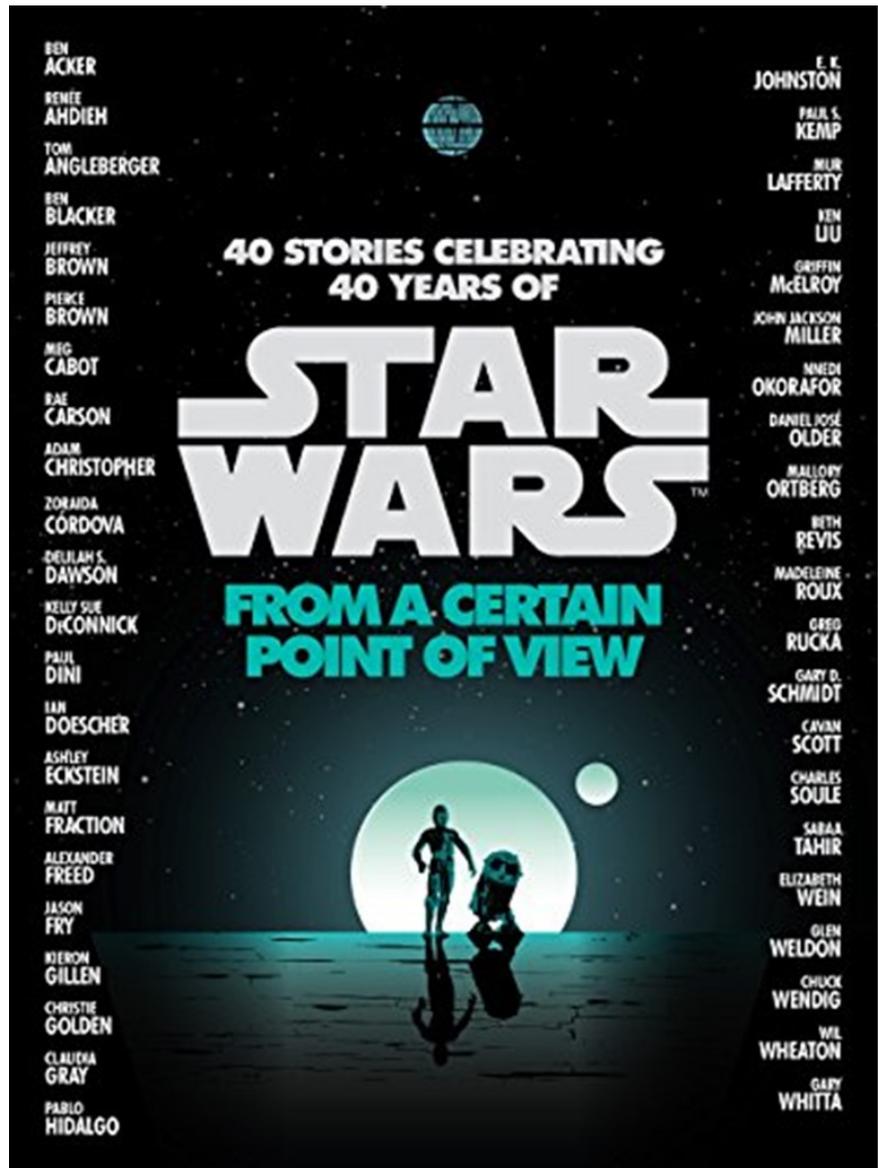


STAR WARS

A Certain Point of View: <https://www.amazon.com/dp/B06XZ8WL34/ref=dp-kindle-redirect?encoding=UTF8&btkr=1>



ON THE HORIZON
OCTOBER 2017





More Engineer's Black Market

Last Jedi Collectible Coins: <https://www.nzmint.com/coin-collections/star-wars-the-last-jedi-episode-viii-chewbacca-pure-silver-collectible-coin>



Star Wars: Leia: <https://www.amazon.com/dp/B06ZY49H5J/ref=dp-kindle-redirect?encoding=UTF8&btkr=1>

JOURNEY TO STAR WARS: THE LAST JEDI

NEW YORK TIMES BEST-SELLING AUTHOR

CLAUDIA GRAY



STAR WARS
LEIA

PRINCESS OF ALDERAAN



ON THE HORIZON
OCTOBER 2017



More Engineer's Black Market

Leia action figure from The Last Jedi revealed: <http://screenrant.com/star-wars-8-leia-action-figure-preorder/>



Funko POP! Star Wars BB Unit from Walmart: <https://www.walmart.com/ip/Funko-POP-Star-Wars-The-Last-Jedi-Resistance-BB-Unit-Walmart-Exclusive/396574856>





Flight Log

Captain Rhonda Allen

201709.23 23 Sept 2017

Log

"On the road, again"! We are headed to Baltimore to finally see MySha and Jamal's new home, and to meet Lyla.

We left on September 2nd and planned to drive half way and finish the drive the following day. We stopped at a pizza place called Bazbeaux, it is located in Indianapolis. We ordered a large pizza, that was half pepperoni and the other half Cajun. I was a little unsure because it had shrimp on it. Well, let me tell you that was the best pizza. I was pleasantly surprised.

We hit the road the following day from Columbus and finished up the drive into Baltimore. Our hotel was located in a strip mall. I thought I was going to get some shopping therapy in, but that never happened the entire stay. After we checked into the hotel, we headed over to see MySha, as a BBQ for the holiday was just winding down. Eddie's brother Jeff had made the short drive down from DC and it was like a mini family reunion.

For breakfast on Labor Day, we ate at a little place that served food made from local farms. I had crab Benedict with fried green tomatoes. If a restaurant has fried green tomatoes, I will order them. We met MySha at the hospital and scrubbed up in the NICU before visiting with Lyla. You have to scrub for 3 minutes. I felt like a Doctor headed to surgery. Once I was scrubbed below the elbows, and jewelry removed, I headed back to see our first granddaughter. She wasn't as excited to see me as I was to see her, or maybe she didn't want to seem too eager.

HaHa! Lyla is the cutest little bundle! We visited with Lyla every day. Half way through the week, we took a side trip to the beach. Of course, the day that we arrived it poured down rain but it didn't interfere with my good time. Our hotel was right on the beach, we watched the waves crashing and rolling in before we headed to dinner at an Italian restaurant where we had a late 20th year wedding anniversary celebration. Before bed we sat and watched the waves again, it was so relaxing. We will definitely go back and spend more time there on our next trip to Baltimore.





Flight Log continued

it was so relaxing. We will definitely go back and spend more time there on our next trip to Baltimore.

We left Baltimore on Friday and drove half way and finished the drive into St. Louis on Saturday. On Sunday, we drove to Ashland to see Edyn and Wiley as we had not seen Edyn since she was born. This was surly a grandchild vacation. And, we won "On the road, again!"

End Log

XO's Log

Rear Admiral Connie Williams

201709.28 September 28, 2017

Healing process continues to be slow. I am trying, on my own to walk with a cane. This is not going as well as I would like, but I know it will come. I just need to be patient. The good new s is that I am now able to drive so Rick does not have to pack me around everywhere.

David and Daneille have a very nice duplex. I have been to visit and it is spacious downstairs with a place for a washer and dryer and an extra room for gaming and/or studying. They even have a door to the backyard just off the kitchen with a small patio for grilling and sitting about doing nothing. I am reminded of the duplex that Paula and Kurtiss had in Boonville Except for the stairs I could live in a place like this.

I think I will probably miss the Ren Fests this year since I am still using the walker. I am looking forward to putting it away so I can get back out to doing things and going places. I am not really accustomed to being a home body. There is just too much of the world to see and too many things to do out there to sit around the house.

Cleaning out my books has been interesting. I now have five boxes of books, mostly paperback Trek novels, that are cluttering up my office waiting to go to the prison as a donation. I still have more books to go through. It was a bigger project than I thought it would be.



END LOG



TREK NEWS

September 2017



Discovery Photos



USS Horizon is ship # 100 in Starship Collection

(<http://www.startrek.com/article/100th-official-starships-collection-ship-is-u-s-s-horizon>)

Netflix will Spoof ST



2018 Hallmark Ornament concept



ON THE HORIZON
OCTOBER 2017



More Star Trek News

Spoilers !!!

Voyager, No 7 Year Mission, <https://player.fm/series/to-the-journey-a-star-trek-voyager-podcast-129896/226-no-seven-year-mission>

Engage # 64, Sept 21: <http://www.startrek.com/podcasts>
 Trek Discovery Red Carpet to stream live, Sept 19: <http://trekcore.com/blog/2017/09/star-trek-discovery-red-carpet-streaming-tonight/>

Earl Grey, Cure Riker, Sept 20: <https://player.fm/series/earl-grey-a-star-trek-the-next-generation-podcast-127263>

Week In Trek # 308, Zoom, Sept 20: <https://player.fm/series/this-week-in-trek-a-star-trek-podcast/episode-308-zoom-and-enhance>

Priority One # 334, TWoK, Sept 19: <https://player.fm/series/priority-one-a-roddenberry-star-trek-podcast-1538383/335-twok-this-way-priority-one-a-roddenberry-star-trek-podcast>

Priority One # 335, Marketing, Sept 19: <https://player.fm/series/priority-one-a-roddenberry-star-trek-podcast-1538383/334-marketing-machine-priority-one-a-roddenberry-star-trek-podcast>

Standard Orbit, Into Darkness, Sept 18: <https://player.fm/series/standard-orbit-a-star-trek-original-series-podcast-80509/into-darkness-there-is-trek-in-you>

Twitter is showing a new video for Discovery set and a trailer for the show: <https://twitter.com/starttrekcbs?lang=en>

Warp Five # 120, Bring It Back, Aug 15: <https://player.fm/series/warp-five-a-star-trek-enterprise-podcast-129778/120-too-much-too-much-bring-it-back-bring-it-back>

Mission Log # 248, Force of Nature, Sept 14: <https://player.fm/series/mission-log-a-roddenberry-star-trek-podcast-9471/248-force-of-nature>

ST Pod Cast, Sep 14: <http://www.startrek.com/podcasts>

Voyager # 225, Massage Hologram, Sept 13: <https://player.fm/series/to-the-journey-a-star-trek-voyager-podcast-129896/225-emergency-massage-hologram>

Standard Orbit # 188, ST09, Sept 13: <https://player.fm/series/standard-orbit-a-star-trek-original-series-podcast-80509/st09-the-best-trek-moments>

Earl Grey # 194, Drunk Troi, Sept 12: <https://player.fm/series/earl-grey-a-star-trek-the-next-generation-podcast-127263/194-drunk-troi>





More Trek News

Week In Trek # 307, Dust Everywhere, Sept 12: <https://player.fm/series/this-week-in-trek-a-star-trek-podcast/episode-307-theres-dust-everywhere>

LottoGopher announces Shatner as its spokesperson: <http://markets.businessinsider.com/news/stocks/LottoGopher-Holdings-Inc-Announces-William-Shatner-as-the-Company-Spokesperson-1002360577>

Discovery Theme Music: <https://io9.gizmodo.com/star-trek-discovery-teases-a-theme-song-that-makes-swe-1803814486>

USS Shenzhou being built: <https://www.trektoday.com/content/2017/09/watch-the-uss-shenzhou-being-built/>

Priority One # 334, Marketing, Sept 11: <https://player.fm/series/priority-one-a-roddenberry-star-trek-podcast-1538383/334-marketing-machine-priority-one-a-roddenberry-star-trek-podcast>

Neflix to Spoof ST in Black Mirror episode: <http://tvline.com/2017/09/07/black-mirror-season-4-spoilers-star-trek-parody-photos/>

Discovery will tackle Trump era issues using Klingons: <http://ew.com/tv/2017/09/07/star-trek-discovery-trump-political-divide/>

Voyager # 224, Gospel, Sept 7: <https://player.fm/series/to-the-journey-a-star-trek-voyager-podcast-129896/224-the-gospel-according-to-janeway>

ST PodCast, Sept 7: <http://www.startrek.com/podcasts>

Chris Pine will play Robert Kennedy on Hulu: <http://variety.com/2017/tv/news/chris-robert-f-kennedy-limited-series-hulu-1202547315/>

Mission Log # 247, Attached, Sept 6: <https://player.fm/series/mission-log-a-roddenberry-star-trek-podcast-9471/247-attached>

Week In Trek # 306, Traveler, Sept 5: <https://player.fm/series/this-week-in-trek-a-star-trek-podcast/episode-306-traveler-mystery-tour-U2f7vqnQyk6GZGqQ>

Earl Grey # 193, Consciousness On Demand, Sept 4: <https://player.fm/series/earl-grey-a-star-trek-the-next-generation-podcast-127263/193-consciousness-on-demand>

Priority One # 333, Digitized, Sept 4: <https://player.fm/series/priority-one-a-roddenberry-star-trek-podcast-1538383/333-digitizing-geordi-priority-one-a-roddenberry-star-trek-podcast>

The Orville is a Fox Star Trek Spoof (Think Galaxy Quest): <http://www.imdb.com/title/tt5691552/>

The Planetary Post, Farewell Cassini: https://www.youtube.com/watch?time_continue=1&v=6EtzSluMgzs



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More Star Trek News

Shatner will have a voice role in "Aliens Ate my Homework"

<http://www.imdb.com/title/tt6624126/>

Warp Five # 119, Extras, Sept 1: <https://player.fm/series/warp-five-a-star-trek-enterprise-podcast-129778/119-all-the-extras-stand-over-there>

Mission Log # 246, Dark Page, Aug 31: <https://player.fm/series/mission-log-a-roddenberry-star-trek-podcast-9471/246-dark-page>

ST PodCast, Aug 31: <http://www.startrek.com/podcasts>

Voyager # 223, Pheasants, Aug 31: <https://player.fm/series/to-the-journey-a-star-trek-voyager-podcast-129896/223-space-pheasants>

Week In Trek # 305, Anatomical Inversion, Aug 30: <https://player.fm/series/this-week-in-trek-a-star-trek-podcast/episode-305-may-cause-anatomical-inversion-lmFO0AahwjtP2gDL>

Earl Grey # 192, Plastic Barrels, Aug 30: <https://player.fm/series/earl-grey-a-star-trek-the-next-generation-podcast-127263/192-bouncing-plastic-barrels>

Standard Orbit # 187, Journey, Aug 28: <https://player.fm/series/standard-orbit-a-star-trek-original-series-podcast-80509/187-journey-through-tos>

Priority One # 332, Discovery, Aug 28: <https://player.fm/series/priority-one-a-roddenberry-star-trek-podcast-1538383/332-discovery-ratings-and-merch-priority-one-a-roddenberry-star-trek-podcast>



USS Horizon is ship # 100 in Starship Collection

(<http://www.startrek.com/article/100th-official-starships-collection-ship-is-u-s-s-horizon>)

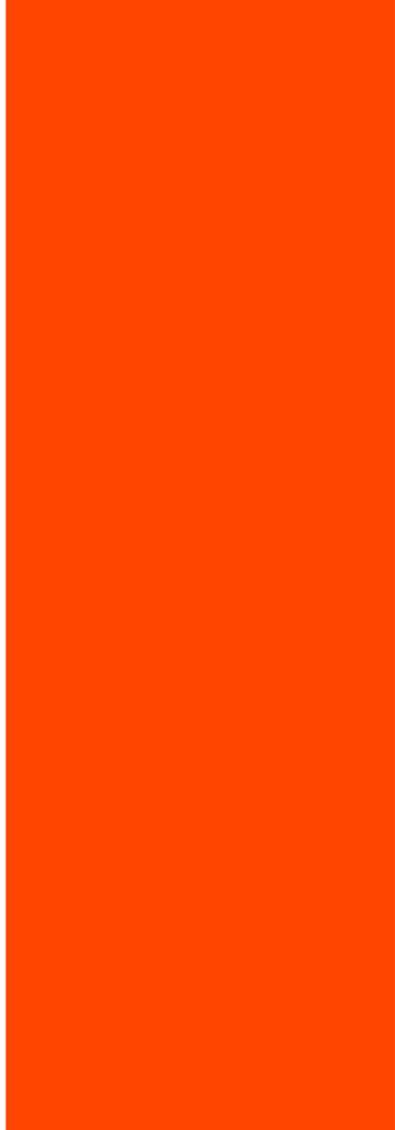


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Star Wars News – September 2017

The Last Jedi

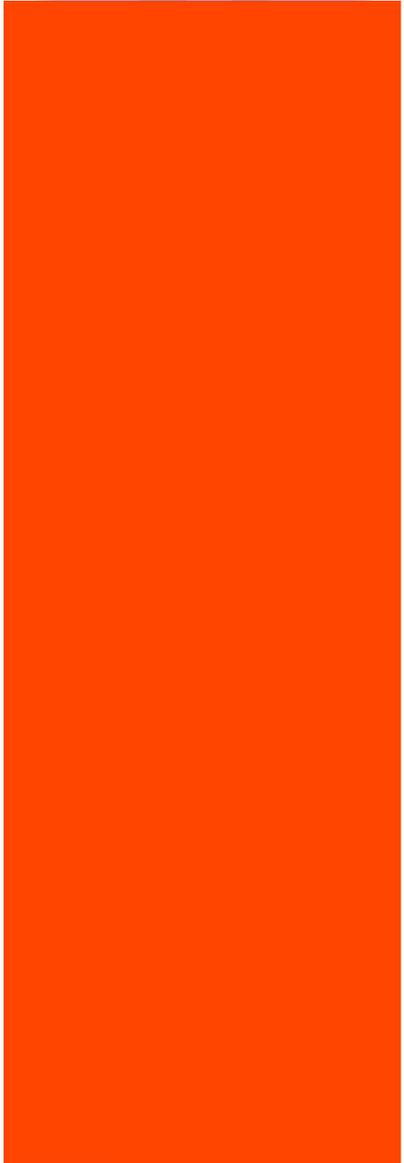


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More Star Wars News

Han Solo Movie Photos by Ron Howard



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More Star Wars

Daily SW Podcast: 7X7: <https://player.fm/series/star-wars-7x7-the-only-daily-star-wars-podcast-121558>

Spoilers!!!!

Rebel Force Radio, Sept 22: <https://player.fm/series/rebel-force-radio-star-wars-podcast/rfr-september-22-2017>

ForceCast, Sept 27: <https://player.fm/series/forcecast-network-star-wars-news-and-commentary-all-shows/the-forcecast-september-22nd-20-years-of-tfn>

Underworld, Sept 22: <https://player.fm/series/the-star-wars-underworld-podcast/the-swu-podcast-live-220917>

Collider Jedi Council, Sept 21: [https://www.youtube.com/watch?](https://www.youtube.com/watch?v=IVyldB91thQ&index=1&list=PLayt6616IBcnqEWU6U0D8I9S5UiqVU3DR)

[v=IVyldB91thQ&index=1&list=PLayt6616IBcnqEWU6U0D8I9S5UiqVU3DR](https://www.youtube.com/watch?v=IVyldB91thQ&index=1&list=PLayt6616IBcnqEWU6U0D8I9S5UiqVU3DR)

The Star Wars Show, Sept 20: <https://www.youtube.com/watch?v=ewg2ZpaLsL0&list=PL148kCvXk8pBjG-JOhIU6rWzLyA2O2an&index=1>

Rebels Podcast, Sept 20: <http://rebelspodcast.com/full-schedule-for-the-first-half-of-episodes-of-star-wars-rebels-season-4/>

Darth Vader will be in the upcoming Han Solo movie: <http://www.express.co.uk/entertainment/films/856608/Star-Wars-Darth-Vader-Han-Solo-movie-Spencer-Wilding>

Next Last Jedi trailer may appear on October 9th: <http://comicbook.com/starwars/2017/09/19/star-wars-the-last-jedi-trailer-october-9th/>

Resistance Radio # 83: <https://www.starwarsnewsnet.com/2017/09/swnns-the-resistance-broadcast-episode-83-j-j-s-back.html>

Paul Bettany wraps filming on Han Solo movie: <http://www.comingsoon.net/movies/news/888249-paul-bettany-wraps-filming-on-the-han-solo-movie#/slide/1>

One of the new planets in the upcoming Last Jedi movie, Crait, will be in an upcoming comic: <http://nerdist.com/star-wars-the-last-jedi-luke-leia-crait/>

Collider Jedi Council, Princess Leia Book Review: [https://www.youtube.com/watch?](https://www.youtube.com/watch?v=KZkSLJcMG08&index=2&list=PLayt6616IBcnqEWU6U0D8I95SUiqVU3DR)

[v=KZkSLJcMG08&index=2&list=PLayt6616IBcnqEWU6U0D8I95SUiqVU3DR](https://www.youtube.com/watch?v=KZkSLJcMG08&index=2&list=PLayt6616IBcnqEWU6U0D8I95SUiqVU3DR)



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Resistance Radio # 77, Sept 17, <http://resistanceradio.net>

The first 6 episodes of Rebels season 4 titles revealed: <https://dorksideoftheforce.com/2017/09/17/episode-titles-announced-for-star-wars-rebels-season-4/>

Battlefront II Data Leak is incredible: <https://www.polygon.com/e3/2017/6/10/15774988/star-wars-battlefront-2-leaked-footage-ea-e3>

Rebel Force Radio, Sept 15: <https://player.fm/series/rebel-force-radio-star-wars-podcast/rebel-force-radio-september-15-2017>

ForceCast, Sept 15: <https://player.fm/series/forcecast-network-star-wars-news-and-commentary-all-shows/the-forcecast-september-15th-jj-returns>

Underworld, Sept 15: <https://player.fm/series/the-star-wars-underworld-podcast/the-swu-podcast-live-150917>

Collider Jedi Council, Sept 14: https://www.youtube.com/watch?v=w_p4dLK_2II&index=1&list=PLayt6616IBcnqEWU6U0D8I95SUiqVU3DR&t=81s

Rebels Podcast, Sept 14: <http://rebelspodcast.com>

The SW Show, Sept 13: <https://www.youtube.com/watch?v=To11I8m-Dss&list=PL148kCvXk8pBjG-JOhIU6rWzLyA2O2an&index=1&t=32s>

JJ Abrams to direct SW9: <http://deadline.com/2017/09/jj-abrams-star-wars-episode-9-director-colin-trevorrow-lucasfilm-disney-1202167681/>

Rebels Podcast, Sept 12: <http://rebelspodcast.com>

Resistance Broadcast # 82: <https://www.starwarsnewsnet.com/2017/09/the-resistance-broadcast-episode-82-dont-bb-h8-appreciate-with-gmas-jeff-low.html>

Joseph Gordon-Levitt has a cameo in the Last Jedi: <http://www.slashfilm.com/joseph-gordon-levitt-has-a-cameo-in-star-wars-the-last-jedi/>

Collider Jedi Council, Sept 11: <https://www.youtube.com/watch?v=rBe5zea29iY&index=2&list=PLayt6616IBcnqEWU6U0D8I95SUiqVU3DR&t=72s>

Darth Vader 20 oz coin: <https://www.providentmetals.com/darth-vader-1-oz-silver-coin.html>





More Star Wars News

KanjiKast # 14, Sept 11: <https://player.fm/series/the-star-wars-underworld-podcast/the-swu-podcast-kanjikast-14>

Resistance Radio # 76, Sept 10: <http://resistanceradio.net>

IndyCast 255, Sept 9: <https://player.fm/series/forcecast-network-star-wars-news-and-commentary-all-shows/indycast-episode-255-rss>

Rebel Force Radio, Sept 8: <https://player.fm/series/rebel-force-radio-star-wars-podcast/rebel-force-radio-september-8-2017>

Rebels Roundtable, Season 4 Preview, Sept 8: <https://player.fm/series/forcecast-network-star-wars-news-and-commentary-all-shows/rebels-roundtable-season-4-preview>

ForceCast, Sept 8: <https://player.fm/series/forcecast-network-star-wars-news-and-commentary-all-shows/the-forcecast-september-8th-colin-trevorrow-is-out>

Underworld, Sept 8: <https://player.fm/series/the-star-wars-underworld-podcast/the-swu-podcast-live-080917>

Rebels Podcast, Sept 8: <http://rebelspodcast.com>

Collider Jedi Council, Sept 7: <https://www.youtube.com/watch?v=a7HZ0c59Qr4&index=3&list=PLayt6616IBcnqEWU6U0D8I95SUiqVU3DR>

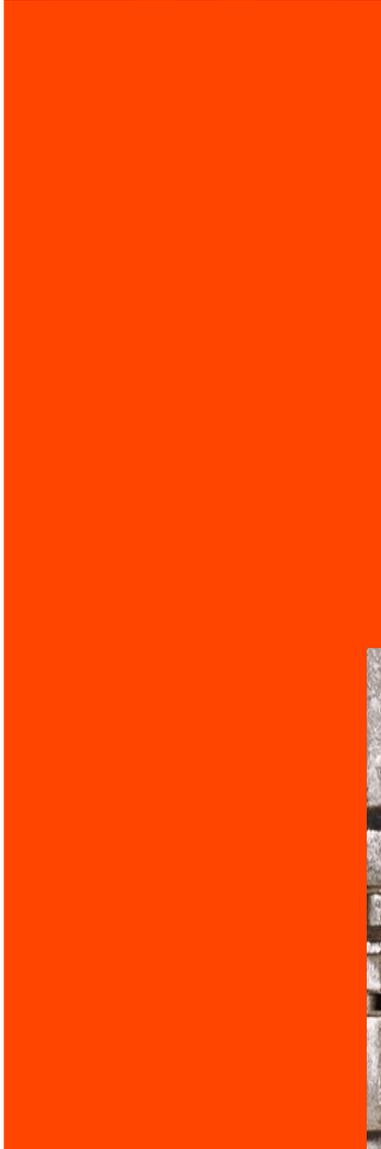
The SW Show, Sept 6: <https://www.youtube.com/watch?v=Aut6RRbROE8&list=PL148kCvXk8pBjG-JOhIU6rWzLyA2O2an&index=2&t=25s>

Ryan Johnson might take over directing SW9: <http://deadline.com/2017/09/rian-johnson-frontrunner-star-wars-episode-ix-colin-trevorrow-1202162109/>

Collider Jedi Council, Sept 5: <https://www.youtube.com/watch?v=ATUn0RICTBc&index=4&list=PLayt6616IBcnqEWU6U0D8I95SUiqVU3DR&t=90s>

Empire On Line has an article about the Last Jedi: <http://www.empireonline.com/movies/news/last-jedi-exclusive-rian-johnson-talks-snoke-kylo-ren/> and <http://www.empireonline.com/movies/news/empire-issue-preview-star-wars-mindhunter-murder-orient-express/>

Colin Trevorrow is out as SW9 director: <http://deadline.com/2017/09/colin-trevorrow-out-as-star-wars-episode-ix-director-1202161932/>



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Star Wars News

Battlefront II Trailer: <https://www.youtube.com/watch?v=nWHQ77BZDZg>

Rebel Force Radio, Aug 18: <https://player.fm/series/rebel-force-radio-star-wars-podcast/rfr-august-18-2017>

Underworld, Aug 18: <https://player.fm/series/the-star-wars-underworld-podcast/the-swu-podcast-live-180817>

Collider Jedi Council, Aug 17 (Yep, two in one day):
<https://www.youtube.com/watch?v=4c6lkr9Rbvc&index=7&list=PLayt6616lBcnqEWU6U0D8l95SUiqVU3DR&t=17s>

Collider Jedi Council, Aug 17: <https://www.youtube.com/watch?v=BY8ucmckgg&index=8&list=PLayt6616lBcnqEWU6U0D8l95SUiqVU3DR&t=20s>

Rebels Podcast, Aug 17: <http://rebelspodcast.com>

Obi-Wan Kenobi film in works: <http://www.hollywoodreporter.com/heat-vision/obi-wan-kenobi-star-wars-film-planned-director-talks-1030505>

The SW Show, Aug 16: https://www.youtube.com/watch?v=hib2cnhE_fQ&list=PL148kCvXk8pBjG-JOhIIU6rWzLyA2O2an&index=5&t=26s

SW: Rise to Power Mobile Game announced: <http://www.starwars.com/news/the-galaxy-needs-you-announcing-star-wars-rise-to-power-mobile-game>

LEGO teases biggest Star Wars set ever in October reveal: <http://comicbook.com/starwars/2017/08/16/lego-star-wars-set-biggest-yet/>

Resistance Broadcast # 78: <https://www.starwarsnewsnet.com/2017/08/the-resistance-broadcast-episode-78-ew-the-last-jedi-breakdown.html>

Snoke's Throne room and other leaks: <http://screenrant.com/star-wars-last-jedi-leaks-snoke-throne-room-kylo-ren/>

Collider Jedi Council, Aug 13: <https://www.youtube.com/watch?v=y6GwprUMBAA&index=9&list=PLayt6616lBcnqEWU6U0D8l95SUiqVU3DR>

Resistance Radio # 72, Aug 13: <http://resistanceradio.net>

Jedi Journals, Aug 12: <https://player.fm/series/forcecast-network-star-wars-news-and-commentary-all-shows/jedi-journals-august-2017>



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Star Wars News



Jedi Journals, Sept 4: <https://player.fm/series/forcecast-network-star-wars-news-and-commentary-all-shows/jedi-journals-september-2017>

ForceCast, Sept 4: <https://player.fm/series/forcecast-network-star-wars-news-and-commentary-all-shows/the-forcecast-september-4th-the-forcecast-is-back>

Jedi Journals, Sept 4: <https://player.fm/series/jedi-journals-star-wars-literature-podcast/jedi-journals-september-2017>

Resistance Broadcast # 81: <https://www.starwarsnewsnet.com/2017/09/the-resistance-broadcast-episode-81-hamill-head-canon-plus-rebels-season-3-blu-ray-giveaway.html>



Star Wars News

Paul Bettany joins Han Solo cast: <http://www.hollywoodreporter.com/heat-vision/han-solo-ron-howard-teases-paul-bettany-may-appear-1034748>

Resistance Radio # 75, Sept 3: <http://resistanceradio.net>
Resistance Radio Art Work, Sept 3: <http://resistanceradio.net/new-the-last-jedi-art-work/nggallery/slideshow>

Rebels Season 4 Trailer: <https://www.youtube.com/watch?v=-b7GAhnVwhA>

Rebels Podcast, Sept 2: <http://rebelspodcast.com>
Rebel Force Radio, Sept 1: <https://player.fm/series/rebel-force-radio-star-wars-podcast/rebel-force-radio-september-1-2017>

Underworld, Sept 1: <https://player.fm/series/the-star-wars-underworld-podcast/the-swu-podcast-live-010917>

Hasbro releases Force Friday II toys list: <http://www.hollywoodreporter.com/heat-vision/force-friday-ii-hasbro-unveils-last-jedi-black-series-action-figures-1034161>





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Star Wars News

Collider Jedi Council, Aug 31: <https://www.youtube.com/watch?v=HEQRugWa2b0&index=5&list=PLayt6616IBcnqEWU6U0D8I95SUiqVU3DR&t=16s>

Topps art reveal shows items from The Last Jedi: <http://www.starwarsunderworld.com/2017/09/topps-reveals-new-images-of-snoke-more.html>

Force Friday Reading List: <http://www.starwars.com/news/here-are-all-the-star-wars-books-coming-force-friday-ii>

Weekly Buzz: <https://www.starwarsnewsnet.com/2017/08/star-wars-weekly-buzz-new-the-last-jedi-coverage-from-empire-imminent-mark-hamill-adam-driver-and-john-boyega-interviews-and-toys-lots-of-toys.html>

The SW Show, Aug 30: <https://www.youtube.com/watch?v=jb2dMryFHJA&list=PL148kCvXk8pBjG-JOhIU6rWzLyA2O2an&index=3&t=34s>





Mid America Convention List – September 2017 Update

October 2017

- | | | |
|-------|-------------------|--|
| 13-15 | Fairborn, OH | Time Lord Con
https://www.facebook.com/TIMELORDEXPO/ |
| 13-15 | Tulsa, OK | XPO Game Festival
http://xpotulsa.com |
| 14-15 | Tulsa, OK | Tulsa Pop Culture Expo
http://www.t-popexpo.com |
| 14 | Kokomo, IN | Kokomo Con
http://kokomocon.com |
| 14-15 | Schaumburg, IL | Creation Comic Con – Gotham
https://www.creationent.com/calendar.htm#gothchi |
| 20-22 | Grayslake, IL | Count-I-Con
https://counticon.coldwar.us |
| 20-22 | Whippany, NJ | Once Upon A Time
http://www.creationent.com/cal/ouat_nj.html |
| 20-22 | Wichita, KS | Time Eddy III
http://www.timeeddy.com |
| 20-22 | Bloomington, IL | FlatCon
http://flatcon.com |
| 20-22 | Rockford, IL | Rock-Con
http://www.rock-con.com |
| 21-22 | LaPlata, MD | VikingsCon
http://vikingscon.com |
| 27-29 | Oklahoma City, OK | Wizard World Comic Con
http://wizardworld.com/comiccon/oklahoma-city |





Conventions Continued

28-29 Fort Wayne, IN FantastiCon
http://www.fantasticon.net/?page_id=2859

28-29 Louisville, IL Derby City Comic Con
<http://www.derbycitycomiccon.com>

28-29 Ft Wayne, IN FantastiCon
http://www.fantasticon.net/?page_id=2859

November 2017

2-5 Middleton, WI TeslaCon
<http://www.teslacon.com>

3-4 Anaheim, CA BlizzCon
<https://blizzcon.com/en-us/>

3-5 Los Angeles, CA Once Upon A Time
http://www.creationent.com/cal/ouat_burbank.html

3-5 Peoria, IL Wizard World Comic Con
<http://wizardworld.com/comiccon/peoria>

4-5 Bridgeton, MO Contamination
<http://www.con-tamination.com>

10-12 Kansas City, MO Comic Con
<http://www.kansascity-comiccon.com>

10-12 Ft Wayne, IN PentaCon
<http://www.pentacongames.com>

10-12 Springfield, Mo Wizard World Comic Con
<http://wizardworld.com/comiccon/springfield>
 (Nichelle Nichols)

10-12 Lombard, IL WindyCon
<http://www.windycon.org>





Conventions Continued

- | | | |
|-------|------------------|--|
| 10-12 | LaVista, NE | Anime NebraskKon
http://www.animenebraskon.com/modules/homePage/homePage.html |
| 11-12 | Wichita, KS | Air Capital Comicon
http://www.aircapcomiccon.com |
| 12 | Springfield, IL | Comic Con
http://www.epguides.com/comics/schedule.shtml |
| 17-18 | Little Rock, AR | Cosplay Con & Anime
http://animecons.com/events/info.shtml/8860/
<u>The Cosplay Con and Anime Experience 2017</u> |
| 17-19 | Schaumburg, IL | GEM Expo
http://gemchicago.com |
| 17-19 | Memphis, TN | Comic & Fantasy
http://memphiscfc.com |
| 18-20 | Las Vegas, NV | Sabakon
http://www.sabakon.com |
| 24-26 | Lombard, IL | Tardis 2017
http://chicagotardis.com |
| 24-26 | Indianapolis, IN | Starbase Indy
https://www.starbaseindy.org |
| 25-26 | St Charles, IL | Pop Culture Con
https://www.chicagopopculturecon.com |

December 2017

- | | | |
|-------|----------------|--|
| 9 | Ocean City, MD | Comic Con
http://www.oceancitycomiccon.com |
| 15-17 | Rosemont, IL | Con Alt Delete
https://conaltdelete.com |





Conventions Continued

January 2018

19-21 Las Vegas, NV Otakon
<https://www.otakonvegas.com>

26-28 Glen Ellyn, IL Polar Vortex
<https://polarvortex.games>

February 2018

3 Cedar Rapids, IA Comic Con
<https://cedarrapidscomiccon.com>

9-11 Hunt Valley, MD Farpoint
<http://www.farpointcon.com>





USS Horizon Ship's Log – September 2017

IC 2018 will be at the Hilton Minneapolis/St Paul at Airport Mall of the America's; ic2018@sfi.org This is the Family Reunion 2018. This is \$30 until the end of the year. Aug 10-12 2018, Bloomington, MN.

William Shatner performance in Rolla MO on Oct 29 at Leach Theater: <https://visitrolla.com/?event=shatners-world-we-just-live-in-it>

Bug fixed in database. Old and new passwords were working.

During the hurricanes, some directors are cut off from their colleges. Keep that in mind please.

SFI Sciences Report: <http://webpages.charter.net/alaricrh73/sci/Starfleet-Sciences-reports.html>

Does the Horizon wish to donate to a charity for the Hurricane relief?

The 2018 scholarship period starts January 1, 2018: scholarships@sfi.org

8/21/17	1	KY, IN, NC, OH, SC, TN, VA, WV	908	47
	7	DL, DC, MD, NJ, NY, PN	604	25
	3	LA, TX	549	24
	2	AB, FL, GA, MS, PR, Car	511	26
	12	MO, IL, KS, AR, OK	510	20
	4	AZ, CA, HW, NV	481	20
9/17/17	1	KY, IN, NC, OH, SC, TN, VA, WV	931	46
	7	DL, DC, MD, NJ, NY, PN	592	25
	3	LA, TX	567	24
	2	AB, FL, GA, MS, PR, Car	529	25
	12	MO, IL, KS, AR, OK	518	20
	4	AZ, CA, HW, NV	481	20





Ships Log Continued

Fleet and Region Status

8/21/17	1	KY, IN,NC,OH, SC, TN, VA, WV	908	47
	7	DL, DC, MD, NJ, NY, PN	604	25
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