

Spring 1998

KELLY

COMMUNIQUE



ISSUE # 47

"Veni, Vidi, Vici"

Ceasar, 47 B.C.

Chief Science Officers Log... This issue of the communique has an especially interesting place in our Star Trek universe. This is issue forty seven (47). I will show you over the next few pages that we have all become insiders to a numerical event. I will attempt to make you aware of its alleged importance and perhaps we will all have some fun with the mere act of being a part of an inside joke. I will let others explain where, why and how 47 became such a huge part of our Star Trek universe. I will however, tell you about the cover of our newsletter. My favorite forty seven happens to come from the last episode of season six STTNG: Descent which aired April 21, 1993 (BTW... $4+21+1+9+9+3=47$). In this episode, Data is playing poker with Sir Isaac Newton, Albert Einstein, and Professor Stephen Hawking (BTW... Professor Hawking is the only person to have ever appeared on any Star Trek episode/movie, as himself). As they are playing they poker, Hawking wins, his hand is four-of-a-kind, all sevens (4-7's). I really thought that was fabulous. So in Hawking's honor I have introduced a small article about the professor, taken from his book, "*A Brief History of Time*" in our newsletter. And in the interest of Science which uses Latin as its universal language, the first person to translate the quote from 47 BC on the cover can receive 7 knowledge points if they have the correct translation, and 4 leadership points if they can recite the correct pronunciation. Isn't 47 fabulous?

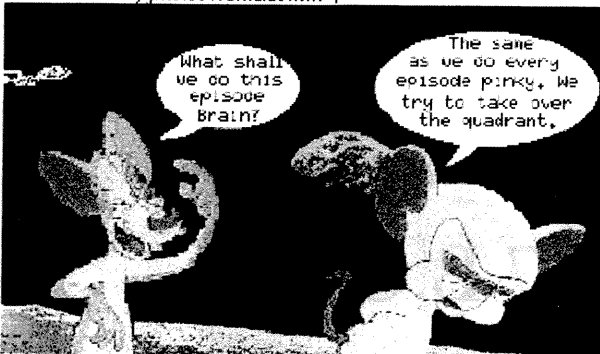
CSO Carol Martin-Mahoney

Captain's log stardate 51041.1, First Officer Jill Bogler reporting.

Some people are born to greatness, others have it thrust upon them. Still others get pushed into the piranha pool head first while holding weights. Still, they say spring is the time for change...

When Captain Henline asked me to be his XO a few months ago, I was both excited and overwhelmed at the same time. Excited because I felt the confidence both Admiral Hollinger and Captain Henline had in me, but a bit overwhelmed because I wasn't sure of everything I needed to do. Still, I have been determined to my job to the best of my ability, and hope I have done so.

But on nearby planet Romulus..... plans are afoot



Now, however, Captain Henline is taking a little shore leave and that puts me in charge of this ship. As when I received my position as XO, I am both excited and overwhelmed with responsibilities. I am determined to be the best captain I can, and that means being there for the crew. I want you to know that I will stand with you. If you have anything you need of me, don't hesitate to ask. To contact me, use my e-mail address (Agiani@juno.com) or ask your senior officer for my phone and/or pager number.

Acting Captain Bogler out.

So what exactly is this 47 thing?

You may have noticed, over years of watching Star Trek, that the number 47 has enjoyed astonishing popularity in the Star Trek universe. Shields drop to 47 percent; 47 people die in a disaster; 47 minutes remain until certain death.

If you have not yet noticed 47...you will soon become a believer. (Pomona College web page)

LIVE LONG AND PROSPER from Pomona College

When Captain Jean-Luc Picard (a.k.a. Shakespearean actor Patrick Stewart) beamed down to accept an honorary degree and speak at Pomona's 103rd Commencement on May 14, 1995, it wasn't the College's first close encounter with the modern Star Trek series ("Next Generation," "Deep Space Nine," and "Voyager.")

Avid viewers may have already noticed the somewhat conspicuous use of the number 47 in episode after episode--but few probably realize the connection between Pomona College, 47, and Star Trek. The crew stops at Sub-space Relay Station 47, Data is unconscious for 47 seconds, a main character shrinks to 47 centimeters, there are 47 survivors on the planet, the crew discovers element 247....

"To the uninitiated, 47 is a mystery. To knowledgeable Pomona Sagehens, 47 is dogma. To sociologists, 47 is a prime example of a minor piece of whimsy that somehow developed into a legend." So stated the "Pomona Student Handbook" in 1985-86. Could there actually be a Pomonan at Paramount Pictures who is deliberately inserting the number into scripts?

You betcha. The inclusion of 47 in episode after episode was begun by Joe Menosky, a 1979 graduate who writes/co-produces for all three Star Trek series sequels, and the tradition has since been adopted by others on the production teams. "Voyager" producer Brannon Braga confirms this in a letter to alumnus John Kyl. Kyl recently submitted the letter to "Pomona College Magazine." Another bit of unsubstantiated Pomona College/Star Trek lore regarding the origin of The Borg and their uncanny similarities to a certain labyrinthian dormitory on campus has been floating around cyberspace and the campus computing network for some time now.

So why is it there Boys and Girls?

It took me long hours of searching...and one week of Internet access to determine the answer to that question. The number 47 is an inside joke at Pomona College; the man who brought 47 to Star Trek, is one Joe Menosky. Joe is a Pomona College alumnus. (~ Carol)

Brannon's Confession!

The following was submitted to Pomona College Magazine by alumnus John Kyl of Tucson, Ariz. Brannon Braga, producer of "Star Trek: Voyager," explained the story in response to a letter Kyl sent him regarding 47's prevalence.

Mr Kyl:

You heard right. The use of 47 in Star Trek was started by Joe Menosky about five years ago. He explained 47's magical quality to me at the time, and I was amazed to see that he was right. I too, started to see 47's all over the place. Since then, I put the number into every script I write. I passed on 47's powers to [producer] Ron Moore. He now puts it into all of his scripts. It's even in 'Generations' a couple of times (one for each of us, since Ron and I wrote it together). Even though we are not Pomona graduates like Joe, we have come to appreciate the Pomona tradition. No Star Trek story would be complete without it.

What's amazing to us is that it took almost five years for anyone to notice. You are only the second person to point it out. A woman in northern California who has a special affinity for 47 believes the number is a communication attempt by extraterrestrial life. So, there are people who've never heard of Pomona College that believe in 47. Pretty weird.

More to come!

Brannon Braga

Star Trek (The Original Series.)

Bear in mind that these 47s (except for the ones in STVI) are probably all coincidental. The legend of 47 arose at Pomona in 1964; the legend of Star Trek, as well we know, arose in 1966. Thus, the likelihood of someone graduating from Pomona and infiltrating the show in such a short time span is essentially nil. Think of these 47s, then, as examples of just how frequently the number 47 will turn up in everyday life for absolutely no reason whatsoever.

1. The original Enterprise is, according to some tech manual somewhere, 947 feet long.
2. "Errand of Mercy" Unit XY75A47 reported a Klingon fleet in their sector.
3. "The Menagerie" General Order 7 prohibits contact with Talos 4 on pain of death.
4. "Bread and Circuses" The S.S. Beagle has 47 crew members.
5. "Obsession" (This is episode #47 of the original series, by the way; the title being "Obsession" was one of my early theories on why 47 was so popular in Trek.) This episode features the Constitution Class USS Farragut, NCC-1647.
6. "The Immunity Syndrome" The episode takes place on stardate 4307.
7. "The Immunity Syndrome" Scotty informs Kirk that the shields are at 47% and won't hold out much longer.
8. "The Ultimate Computer" At one point, when two other starships mount a surprise attack, M5 sets the ship on heading 112 mark 5. $1+1+2=4$. $2+5=7$.
9. "The Omega Glory" Kirk cites "Article 7, Section 4" of regulations as reason to arrest Tracey.
10. "Assignment: Earth" When Gary Seven first transports into his office he turns the computer on, the wall turns around revealing a computer and he says "Specify the locations of agents 201 and 347."
11. "Assignment: Earth" When Kirk and Spock step out of the elevator and call Scotty on the communicators, Scotty says: "Proceed 5 meters, 247 degrees true."
12. "The Empath" When Kirk, Spock and McCoy first beam down to the laboratory on the planet, Spock mentions that it will take 74.1 solar hours for the storm to pass.

Star Trek VI: The Undiscovered Country

1. The number 0407.7 appears on a panel above Spock's head when the ship is about to leave spacedock.



Source: Myles Fivath 2/96 quoting the British Medical Journal

Scientists have discovered that spending a lot of time in outer space adds mass to the human head.

Star Trek: The Next Generation

1. "Conspiracy" Code 47 is captain's eyes only. (This is pre-Menosky.)
2. "Deja Q" They will have to exceed recommended impulse engine output by at least 47 percent in order to even attempt to move the moon. (Also pre-Menosky.)
3. "Tin Man" 47 people had died in the Ghorusda disaster. (Likewise.)
4. "Suddenly Human" The Enterprise makes its way into Talarian territory to answer the distress call of a Talarian observation craft--that sector is sector 21947.
5. "Family" The vintage of that bottle of wine is 2347. (Joe just became story editor.)
6. "Brothers" Data's access code contains a few 47s.
"1-7-3-4-6-7-3-2-1-4-7-6-Charlie-3-2-7-8-9-7-7-7-6-4-3-Tango-7-3-2-Victor-7-3-1-1-7-8-8-8-7-3-2-4-7-6-7-8-9-7-6-4-3-7-6-lock." (I'll let you all figure out the myriad possibilities for Possible 47s this code presents.)
7. "Legacy" The escape pod is located on level 3C, section 547. (His writing debut.)
8. "The Loss" Data says a velocity of warp six will bring them to T'lli Beta in 6 days, 13 hours, 47 minutes. (No seconds.)
9. "Data's Day" Data orders feline supplement 74.
10. "Devil's Due" Stardate: 44474.5.
11. "The Nth Degree" The probe will overload the shields in 47 seconds.
12. "Qpid" There had been 947 expeditions to Tagus; 74 of them revealed findings of importance.
13. "In Theory" The ship at one point is 4.7 million kilometers from the perimeter of the nebula.
14. "Darmok" Worf reports a particle gradient of 4 over 7 from the shuttle.
15. "Darmok" There are 47 entries for the word "Darmok" in the ship's computer.
16. "The Game" Ogawa says she is on level 47 of the game.
17. "Conundrum" The Cliffs of Heaven are holodeck program 47C.
18. "Conundrum" There are 47 sentry pods guarding the Lysian central command
19. "The First Duty" Captain Satelk explains that the NAVCON satellite shot of the Nova Squadron's ships in the Kolvoord formation was taken 7 seconds after they finished the Yeager loop. The accident occurred 4 seconds later.
20. "Imaginary Friend" The nebula is labeled FGC-47.
21. "Imaginary Friend" Data says an irregular lattice composed of approximately 47 million strands of energy is within the nebula.
22. "I, Borg" The invasive program image is labeled "topological anomaly 4747".
23. "Time's Arrow, Part II" LaForge says to use quantum setting .047 on the phaser.
24. "Relics" Scotty is 147 years old. (This is a coincidence; he really was 147, according to the birth date speculated in the Star Trek Chronology before the episode was produced.)

STAR TREK: THE NEXT GENERATION

Al Hirschfeld is a wonderful illustrator who has become legendary in both the world of artistic expression and in the world of Star Trek. He was commissioned by TV guide in 1966 to draw a caricature of Kirk and Spock for the review of the original series. Years later Brent Spiner commissioned him to draw the STTNG cast which he intended to give out as Christmas presents. Lithographs of the print were so popular that he made cast drawings of each show. What is especially fun about Hirschfeld is, that when his daughter Nina was born he embedded her name into the drawing. After awhile people began to spot the Nina's and pester the artist about how many Nina's were embedded into each print. Hirschfeld now writes a simple number next to his name, which tells the viewer how many to find in the drawing. I love this photo, and you guessed it, this print has seven Nina's and was found on page 43 ($4+3=7$).



What is the 47 Society?

The 47 Society is an international interest group that follows the occurrence and recurrence of the quintessential random number: 47. Many suspect that the coincidental nature of 47 carries some mystical, metaphysical and/or scientific significance. The phenomenon may have first been documented at Pomona College in 1964, when Professor Donald Bentley proved that all numbers are equal to 47. But, 47 is everywhere and people were noticing it long before 1964, Sagehens in search of 47 trivia, have found that this quintessential random number turns up in the most unlikely places.

- Tolstoy's novel *The Kreutzer Sonata* is named after Beethoven's Opus 47.
- The New Testament credits Jesus with 47 miracles.
- The Declaration of Independence consists of 47 sentences.
- Pancho Villa was killed by a barrage of 47 bullets.
- The Pythagorean Theorem is Proposition 47 of Euclid's Elements.
- Cesar proclaimed "veni, vidi, vici" in 47 B.C.
- The tropics of Cancer and Capricorn are located 47 degrees apart.

(Editors note, If all this 47 trivia upsets your stomach, you'll be glad to know that Roloids absorbs 47 times its weight in excess acid. : })

DS9 SCHEDULE

Week of	Pr. #	Episode
03/14/98	530R	The Sacrifice of Angels
03/21/98	531R	You Are Cordially Invited...
03/28/98	541	Wrongs Darker Than Death or Night
04/04/98	542	Inquisition
04/11/98	543	In the Pale Moonlight
04/18/98	544	His Way
04/25/98	545	The Reckoning

----- Unconfirmed: -----

05/02/98	546	Valiant
05/09/98	547	Profit and Lace
05/16/98	548	Out of Time
05/23/98	533R	Statistical Probabilities
05/30/98	535R	Waltz
06/06/98	549	[untitled]
6/13/98	549	[untitled] [season finale]
06/20/98	538R	Far Beyond the Stars
06/27/98	537R	One Little Ship

Club Members Birthdays

Rex Rouviere-04/04/98	Steven Ford-04/07/98	Pat Conrady-04/08/98
Jill Bogler-04/10/98	Tina Weidauer -04/14/98	Vicki Rouviere-04/19/98
Ruth Burns-04/25/98	Michael McCreight-05/01/98	Jason Hanson- 05/10/98
Nessa Dawn Harvey-05/30/98	Melissa Boone-05/31/98	George Bogler - 05/24/98



America makes 25,000,000,000 square yards of textiles per year. If that fabric was made into one giant rug, it would take a William Shatner who is nearly 1,200 miles tall, to wear it.

Deep Space Nine

1. "Emissary" While in the wormhole, three separate close-ups of the monitor in the Rio Grande clearly show a button labeled "47" on the right-hand side.
2. "Babel" Julian's antidote series for the aphasia virus is labeled "File 839472-39." Also, "947" appears three times in the array of numbers in the display.
3. "The Passenger" Bashir says he's just picking up a ship on long range sensors, bearing "347 mark 08."
4. "The Nagus" Each of the desks in Keiko's schoolroom is labeled "4077" as shown in a close-up of Jake's station.
5. "Progress" 47 people living on the moon besides Mollibok had already left willingly.
6. "Progress" Jake and Nog own the fourth piece of land wanted by the Provisional Government for development. And it just happens to be seven tessipates in size.
7. "In the Hands of the Prophets" The computer has seven encryption sequences; the first one decodes as the number 4.
8. "The Circle" Odo consults with a person on Bajor about the Circle; Odo's viewscreen says "Bajoran Regional Comm Network, Routing Code 47-00076."
9. Rule of Acquisition #47: "Don't trust a man wearing a better suit than your own." ("Rivals")
10. "Whispers" The planet Parada 4 has 7 moons.
11. "Whispers" O'Brien asks how big of a lead he has on the runaway chasing him. The computer responds, "Seven minutes, four seconds."
12. "Whispers" There is a button labeled "47" between two monitors on the Rio Grande.
13. "Blood Oath" Kang says he discovered the Albino's hideout 7 years ago on a planet called Dayos 4.
14. "Meridian" O'Brien says that the next dimensional shift should occur within the next 47 minutes.
15. "Defiant" They make reference to Cardassian Outpost 47.
16. "Visionary" The Romulans are moved to quarters in section 47, level 2.
17. "Family Business" You need seven strips of latinum to take a turbolift 40 floors at the Ferengi Commerce Authority.
33. "Shakaar" O'Brien is poised to win his 47th dart game in a row.
34. "The Adversary" Dax says there are 47 people on board the Defiant.

Stephan Hawking was born on January 8, 1942, exactly three hundred years after the death of Galileo. He was born during the war against Germany. Since the Germans promised not to bomb Oxford or Cambridge, his mother moved to Oxford for his safe birth. His father had studied Medicine at Oxford, and became a research biologist in tropical diseases. His mother also attended Oxford and studied philosophy, politics, and economics. Stephen did not do well in school, but he was full of imagination, and enjoyed other people.

In the autumn of 1962, Stephen went to Cambridge, but his increasing poor health worsened over the next few months. Shortly after his 21st birthday, he went to the hospital for tests. He was diagnosed as having ALS, amyotrophic lateral sclerosis, or Lou Gehrig's Disease as it is most commonly called. This condition is responsible for the disintegration of the nerve cells in the spinal cord and portion of the brain which regulates voluntary muscular activity. The mind is not affected. Death usually results from the failure of the respiratory muscles (often pneumonia or suffocation).

Stephen said that when he dreamed he had disturbed dreams. He had become very depressed and he was feeling bored with life. He felt as though there was nothing worth doing. One night he dreamed that he was going to be executed, he suddenly realized that there were a lot of worthwhile things he could do if he got a reprieve. He says, "One result of my illness: when one is faced with the possibility of an early death, it makes one realize that life is worth living."

He met Jane Wilde, in January of 1963. They were married in 1965, and had three children: Robert (1967), Lucy (1970), and Timothy (1979). Fiercely independent, Stephen began working on his Black Hole theories, and was often seen dashing all over the streets of Cambridge. In 1975 he was given an award from the Vatican (Pius XII medal). He flew to Rome to receive his medal from Pope Paul VI. While at the Vatican, he went into their archives to see the recantation of Galileo.

In 1981 he began his work on the origin of the universe. He has become an internationally recognized lecturer. He has the common touch when preparing a lecture. After one of his lectures it is amazing to hear the energy of the crowd as they chatter about the subject they have just heard. Often, these attendees are not people who would study or research quantum mechanics, but Stephen's style and enthusiasm is contagious to all audiences.

While promoting his book, "A Brief History of Time," he requested a tour of the set of his favorite television program, "Star Trek." He was granted his wish, and even was permitted to sit in the captains chair. He then was given a small part in an episode, becoming the only person to play himself on the program. He has on occasion made changes to the program, writing to tell the writers that certain things are not possible from a physics stand-point. Making him the most decorated if not the original Star Trek nitpicker.



Star Trek: Voyager

1. "Caretaker" The interval between each energy pulse from the Array increases by "point four seven" seconds in frequency.
2. "Parallax" The Doctor says he is programmed with the experiences of 47 individual medical officers.
3. "Parallax" The Doctor tells Captain Janeway to switch to monitor input 47, the Emergency Holographic Medical Program channel.
4. "Phage" The Doctor says Neelix will only survive another 47 minutes with the blood-gas infuser.
5. "Phage" Kim says they are 547 meters away from the source of the dampening field within the asteroid.
6. "Emanations" The crew discovers the 247th element.
7. "Cathexis" Paris' memory is interrupted for one minute, forty-seven seconds.
8. "Learning Curve" There are only 47 gel packs remaining in storage.
9. "Projections" Captain Janeway's "program" is stored in memory block 47-alpha.
10. "Elogium" Shields at one point are at 47 percent.
11. "Non Sequitur" Kim's apartment is number 4-G (G is the 7th letter of the alphabet). This dubious 47 confirmed by Brannon Braga himself.
12. "Non Sequitur" Kim's office is in the main complex, level six, subsection 47.
13. "Twisted" Kim starts counting megapascals of pressure, the camera takes a detour to the Holodeck, and Kim resumes counting up from 47 megapascals in Engineering when the camera comes back.
14. "Twisted" On the display that shows Voyager all bent and twisted out of shape, three 47s can be spotted...
15. "Cold Fire" After initiating a subspace carrier wave, Tanis says it will take 47 hours for the female Caretaker to respond.
16. "Resistance" Kim finds the electrical storm to hover over to avoid the detectors. He says to plot a course "219 mark 47."
17. "Threshold" A graphic labeled Biomedical Scan 47 displays Paris' two hearts.
18. "Meld" The Doctor displays the killer's DNA on a viewer to Tuvok; the number in the exact middle of the top strand is 47.
19. "Dreadnought" Look close: During her second trip to Dreadnought, B'Elanna observes the readout of Dreadnought's data banks. Traveling up the screen, in the middle column of numbers (which are all six or seven digits long) is a solitary 47.
20. "Dreadnought" Dreadnought is attacking the Voyager. Kim says shields have dropped to 40 percent; Tuvok follows that announcement with the statement that decks 3 and 4 have sustained damage. (3 plus 4 is...)
21. "Death Wish" There's a 47 in the monitor we see in Sickbay over Q2's head as he dies.
22. "Lifesigns" Near the end of the episode, the Doctor tells Kes to set the delta band of the holoemitter to 7 megahertz. (Delta is the fourth letter of the Greek alphabet.)
23. "False Profits" There are 47 separate commentaries on the Rules of

ANNOUNCING ...

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"Snowflakes are one of
nature's most fragile things,
but just look what they can do
when they stick together."

~ Vesta M. Kelly

Early Warning !!!

CINEMAholics

**Kicks off the 20 Yarn Anniversary of
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and special guest

Anne Lockhart (Sheba)

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