

5

Area 51 Decrypted

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Even the most well-orchestrated disinformation programs have a limited duration of efficacy. Tired cover-stories used for dismissing genuine UFO reports have been rehashed for many decades *ad infinitum*, and whatever purpose they once served has fully expired. Broad denials no longer hold up in the digital age.

With the surveillance capabilities of handheld devices now being wielded against their owners by every service provider, there is no plausible justification for claims made by government agencies that they are unable to track flight patterns of UFO activity over time to determine the locations of underground bases and the general direction of the off-world traffic related to their ET inhabitants.



Papoose Lake, Nevada

High-resolution aerial imagery of the S-4 underground installation at Papoose Lake has been obtained by private pilots flying high over the site (above, overleaf). Also called 'Base Papoose', this large underground installation was briefly described by Bob Lazar in various radio and television interviews from 1989-1996:

George Knapp: According to Lazar, his employer was the United States Navy. He says he and other government employees would gather near EG&G, fly to Groom Lake, then a very few people would get into a bus with blacked out or no windows, and drive to S-4. So, you get off the bus, what do you see?

Bob Lazar: It's a very interesting building. It has a slope of probably about 30°, which are hangar doors –and it has textured paint on it, but it looks like sand. It's made to look like the side of the mountain it's in, whether it's to disguise it from satellite photographs, or what... The hangars are all connected together, and there are large bay doors between each one, and there were 9 total that I saw...

Knapp: Security at S-4 was oppressive, Lazar says, and his superiors used fear and intimidation, almost as a brainwashing tool.

Lazar: They did everything but physically hurt me... They had guards there with M-16 [automatic weapons], guys slamming their finger into my chest, screaming in my ear, some people pointing weapons at me. Like I said, it's not a good place to work.



Area 52, Site-4 Installation
Papoose Lake, Nevada

Overflights of Papoose Lake show very little in the way of human activity at the site, with old roads and footpaths coming into view at closer viewing distances. Aerial activity of glowing disc-shaped and triangular craft were recorded over the site from west of the dry lakebed by Ron Rummel and Phil Schneider, both of whom were former employees at Area 51 *and were subsequently murdered for their public disclosures.*

Papoose Lake, Nevada
S-4 Installation



An unpaved road heading south from Area 51 curves around the Papoose Range to the southwest until arriving at Area 52 on the 'shoreline' of the mostly dry lakebed. From there, the unpaved road ends at a footpath running along the playa's edge, overlooking a series of hidden hangar bay doors (marked above).

Another interesting feature visible in Google imagery of the site was a black helicopter hovering just above ground level on the S-4 access road (below). Despite having disseminated much false information, Bob Lazar accurately described a concealed row of 9 hangar doors hidden on the east side of Papoose Lake:

Black helicopter
Site-4 installation



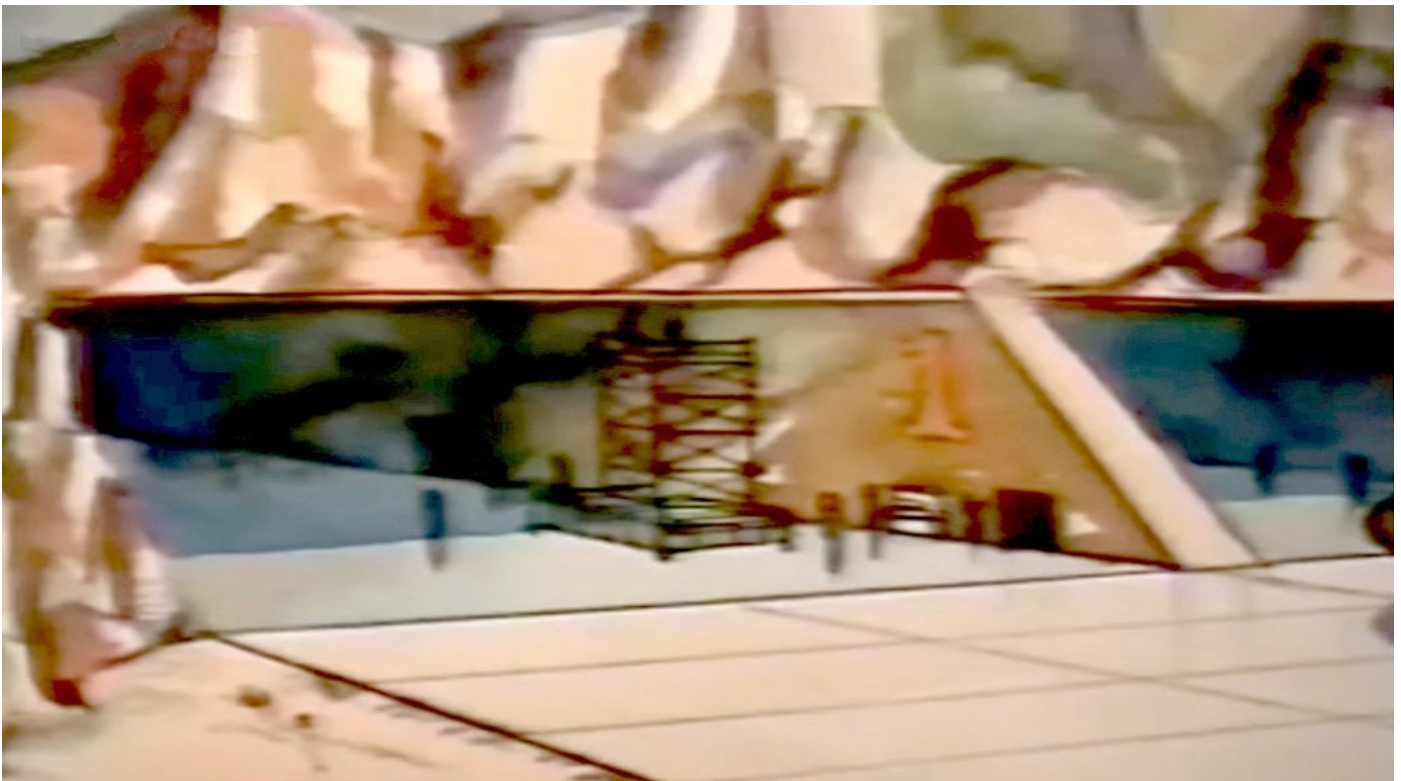




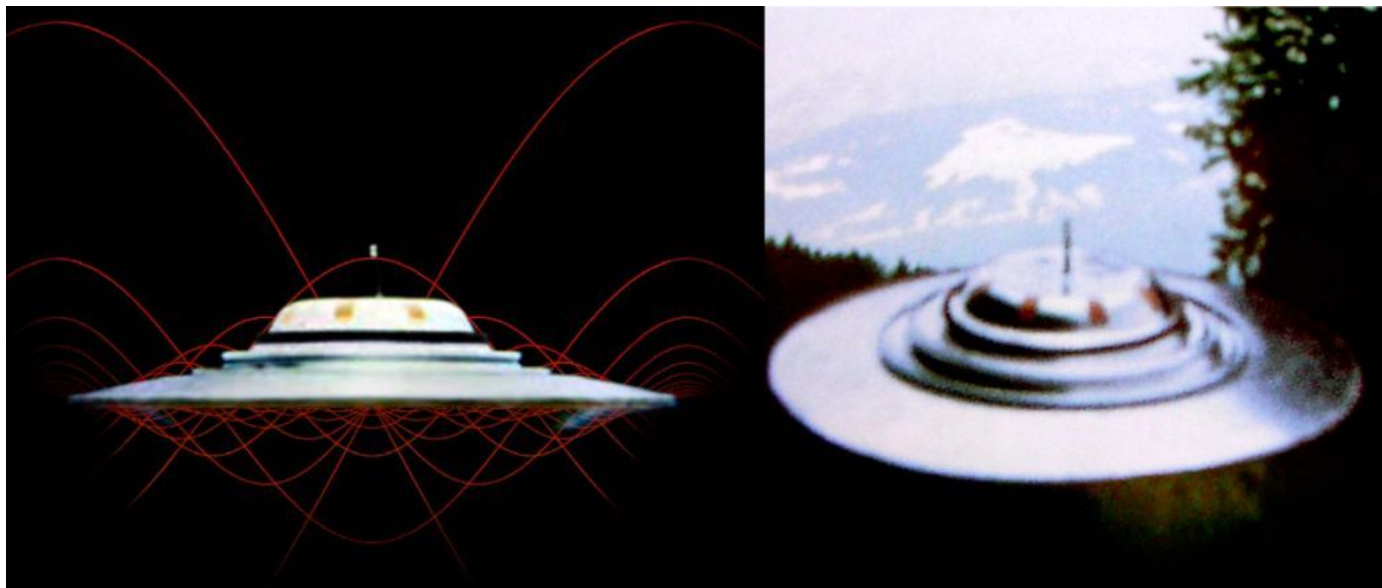
DNI Site-4 Hangars
Bob Lazar, 1990

The S-4 installation is built into the mountain and the 9 hangar doors are angled at about 60°. These doors are covered with a sand-textured coating to blend in with the side of the mountain and the desert floor (above). The hangar that housed the sport model was like a typical airplane hangar with the exception of the angled doors...

The hangar was equipped with typical tools and extensive electronic equipment. It also had a machine with an X-ray emblem on it, and an overhead crane rated at 1,000 lbs. Equipment in this hangar was marked with a black number '41' with a white circle around it. It was outside of this hangar that I saw the sport model tested.

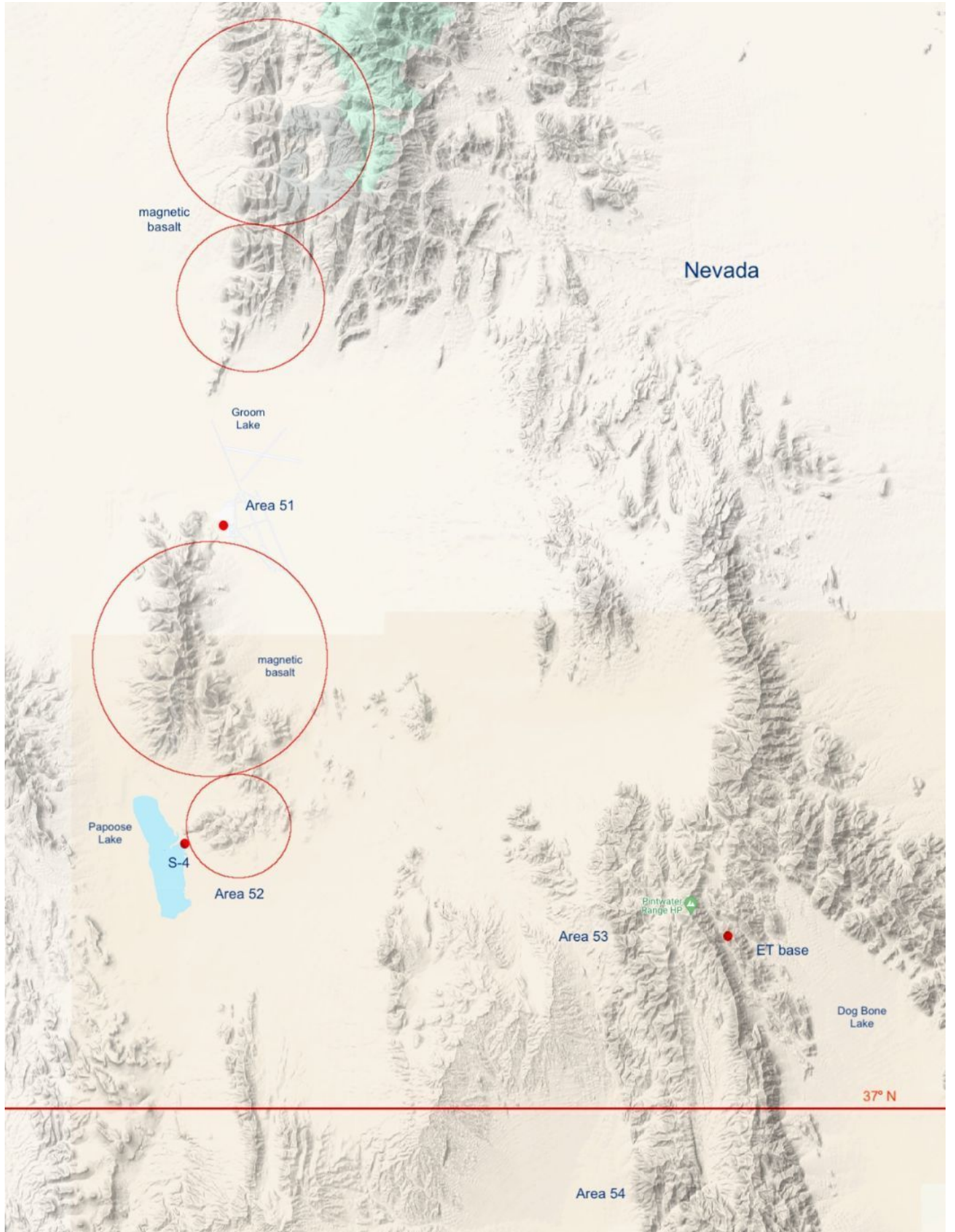


Lazar also described the 'sport model' disc craft he examined at Site-4 was very similar in appearance to Plejaren beamships photographed in the 1980s by Eduard Meier in Switzerland. The profile and inclined views of the spacecraft show the stepped waveguide design of the concentric resonator cavities (below), reflecting Fibonacci-ordered acoustic standing waves generated by rotating rings of gravity motors inside.

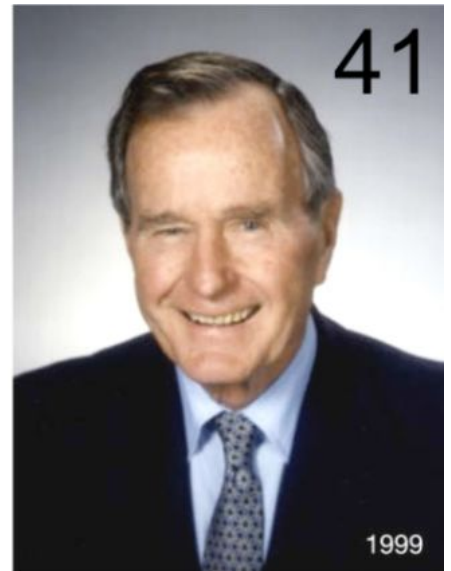


Operated by the Department of Naval Intelligence (DNI), the Area 52, Site-4 facility contains ET interview suites with reinforced glass partitions for maintaining biosafety that are regularly used for interrogations of grey ETs, as recorded in a 1991 video that was later made public in 1997. A small grey humanoid recorded at S-4 (below, left) belongs to the same species photographed in Rayones, Mexico in 2004 (below, right).



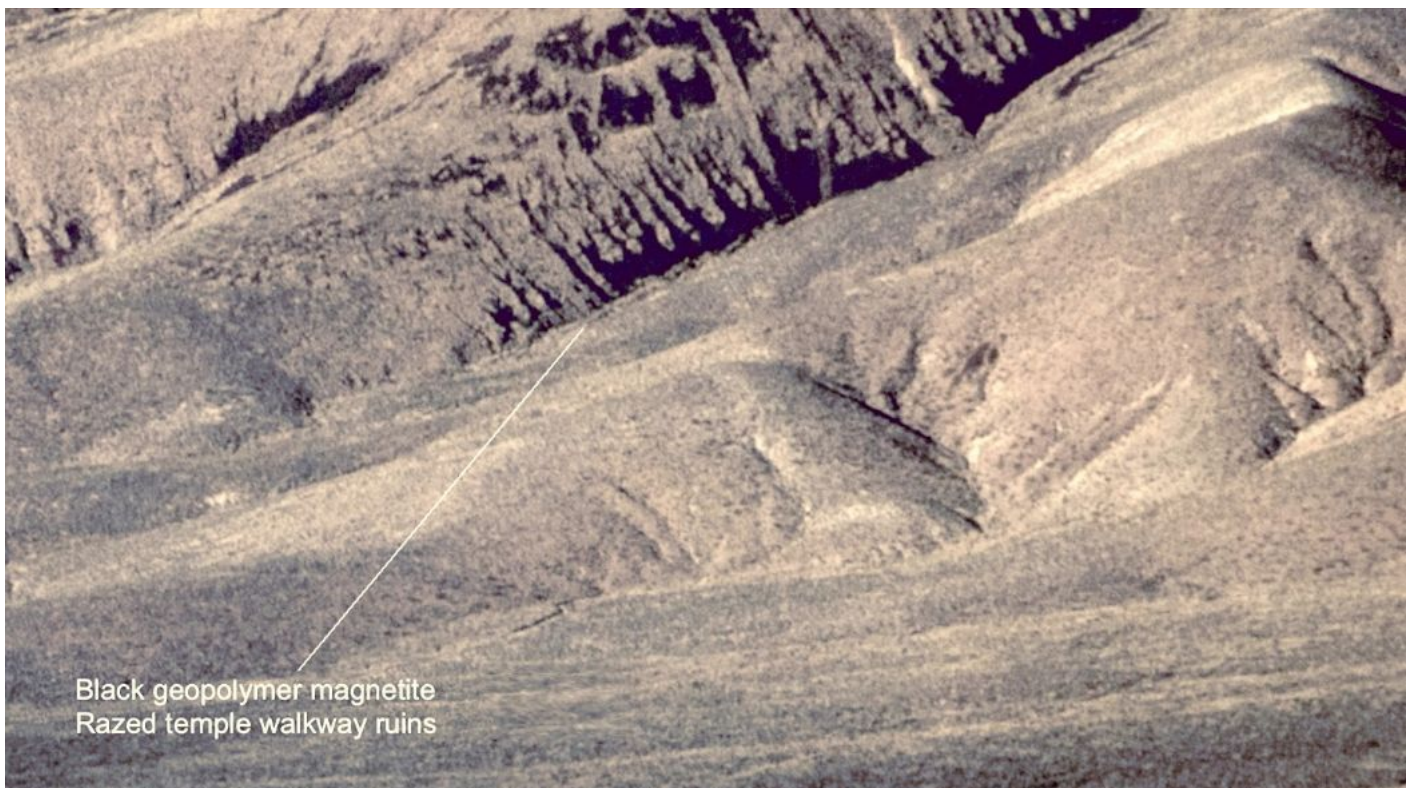


Lazar's recollection regarding the number 41 painted on all the equipment at the Site-4 underground installation. George Scherf, Jr, was personally involved in planning Nikola Tesla's assassination following the Nazis' theft of his secret invention of the metallic delay lens for scalar radar systems applied in the nosecones of missiles, codenamed 'Nike' missiles and 'Nike' radar after their inventor Nikola Tesla.



The true identity of the man called 'GHW Bush, Sr.' is betrayed by his nicknames "Poppie" and "Old 'kraut", referencing his opium habit and related Afghan farming operations –as well as his German origin as George Scherf, Jr. These telling monikers follow a tradition started by Tesla, who had named him 'Curious George'.

The 41st President oversaw grand tunneling and construction projects connecting into ancient underground cities of the Atlantean civilization that were razed by the Baal ET consortium thousands of years ago. Debris piles of black magnetic basalt fragments are strewn about the mountains in this region (below, opposite).





Magnetic geopolymer basalt
Papoose Range, Nevada

US governmental policy decisions resulting in the standardized targeting of advanced ET spacecraft has been widely practiced for decades, with very few exceptions to this rule having been arranged by treaties with specific ET civilizations that have made strategic alliances with the US government for mutual security.

Gerald Anderson was a 5-year-old eyewitness of a UFO crash in July of 1947, partially embedded in a low ridgeline below Jack Peak, overlooking the Plains of San Augustin, New Mexico. Gerald's many compelling descriptions detail the craft's physical appearance and basic hull construction, as well as highly the unusual temperature conditions and chemical vapors being expelled from a ruptured section of the convex hull:



Gerald Anderson: And as we came around a bend in the arroyo that had piñon and cedar trees growing on it, we were able to see further down the arroyo and on the next ridgeline there was a large, silver disc-shaped object embedded in the side of the ridgeline. And there was [metallic] debris, wreckage and [all kinds of] stuff strewn about the [entire] area.

But, mainly this thing was intact. I would estimate its size... to be something like 35' in diameter... [It was] quite large. When we got up to it, there were 4 bodies there –not human. There were two of them that were obviously dead. One of them was obviously very badly injured and one had apparently suffered no ill effects or it didn't appear to be injured... and was ambulatory, was mobile, and was just sitting there next to the one that was still alive... right next to the vehicle, right under the edge of it.

And this craft had apparently come in from the east, bounced off one ridgeline, went plowing through this arroyo area and crashed into the ridgeline and embedded itself. They were sitting back under the edge... [We were] looking in this gaping hole on the side of this disc, and it's shaped just like a discus, except for a round dome that was on top. And there was this big, gaping gash where you could see inside and it looked like a double hull... [The gash] covered the greater majority from the center of the craft out. It was just like a gaping hole there... we're talking about 17' maybe.

And most of the one side was ripped open like that, and you could see inside, and you could see another –double hull in there. And there were just rows of components [with]... lights that flashed on and off. Some were steady and some were flashing. There was a lot of debris and stuff hanging out of the hole. There was evidence that there had been fire. It looked like it had been burnt along the edge [of the rim of the disc-shaped craft]...

Stanton Friedman: What were the circumstances outside? Hot, cold?

Gerald: [It was] very, very hot [that day] ... That dry heat was like being inside an oven... That was the odd part about this thing. The closer you got to it, the cooler it was. And standing under it in the shade there, next to these creatures' bodies, it was like refrigerated air conditioning, and...

Stanton: Did you feel cool air coming out of this thing?

Gerald: No, it was just like it was ambient. And I remember reaching up and putting my hand on the side of it. And I think I was afraid I was going to hit my head because there was enough room for me as a small child, you know, I was approximately the same size as these [4'-tall] creatures. [This allowed me] to walk up under [the rim of the spacecraft] there and stand... and put my hand up against this thing.

Stanton: What did it feel like?

Gerald: It was ice-cold, it felt like it just came out of a freezer... It had a very smooth texture to it. It was obviously made out of metal. It was very solid –and it was very cold. Ice cold. And there was a smell in the area. It smelled volatile, acrid, like acetone. And that [chemical odor] seemed to be coming out of that gash –that smell. But the closer you got to this thing, the cooler it was.¹

Highly specific information provided by child eyewitness Gerald Anderson regarding the 1947 UFO crash on the Plains of San Augustin, New Mexico closely reflect many other related accounts of the same event offered by other eyewitnesses. Among these individuals is W. Glenn Dennis, who provided a corroborating account regarding measures taken by the US Army for preserving the dead bodies of 3 'small grey' ETs.²

The surprising childhood eyewitness descriptions shared by Gerald Anderson contain complex scientific details that could not have been invented, but correspond to an advanced propulsion system for inertial mass reduction by forming Bose-Einstein condensate (BEC) in the hull cavity at ultracold temperatures.

The spacecraft's double-hull design incorporates a regularly-spaced array of internal components that include banks of microwave emitters and aluminum-clad fiber optics bathed in acetone coolant in a hybrid cooling system combining at least 3 distinct modes *to achieve superconductivity in hydrino condensate*:

1) Ultrafast fiber laser embedded with doped carbon nanotubes (coupled with microwave sideband cooling):

Carbon nanotubes (CNTs) possess remarkable nonlinear optical properties; a particular application is to function as a mode locker used in ultrafast fiber lasers to produce ultrashort optical pulses. Various types of CNT saturable absorbers (SAs) and ultrafast fiber lasers have been demonstrated...

In the past few decades, ultrafast fiber lasers have gained enormous attention and found applications covering broad fields from fundamental research to industrial process, based on their salient advantages, including maintenance-free operation, compactness, cost-effective design, high beam quality, high-efficient heat dissipation and rather low price. The diversity of rare-earth-doped fiber gain medium is identified as a key element in the fiber resonator cavity and essential to produce various operation wavelengths ranging from near infrared to mid-infrared. Typically, commercial ultrafast fiber laser systems dominate in 1.55 and 1.06 μm for [meeting the] great demand in communication and industrial applications.

Ultrashort pulses are generally produced by inserting a nonlinear optical element into a resonator cavity as an intensity discriminator, which is called a saturable absorber (SA). The basic function of SA is to suppress low incident intensity beam while support higher intensity spikes and the working mechanism has been revealed [in previous research].³

In terms of generating ultrashort pulses in a fiber laser, CNT SAs have routinely been utilized. It is well known that the electronic performance of CNT is superior. In the future, we may expect some more powerful laser systems based on electronic, magnetic field or polarization-controlled versatile CNT SAs... So far, CNTs have been demonstrated to mode-lock fiber lasers across a very broad wavelength range from visible to mid-infrared.⁴

2) Microwave sideband transition cooling system (coupled with an ultrafast fiber laser):

In free space, the momentum state of a particle and consequently its kinetic energy are changed by the momentum transfer... in the absorption/emission cycle of an optical photon. While the momentum transfer picture also applies approximately to trapped particles when the energy separation between motional states is not spectroscopically resolved, recoil-free transitions become possible in the resolved-sideband regime (Mössbauer effect). While carrier transitions do not change the vibrational quantum state... the motional state can be controlled via sideband transitions,... for instance, in incoherent cooling processes... or in the coherent manipulation of vibrational states... [I]n spin-dependent potentials it becomes also possible to use microwave transitions, which also offer sufficient spectral resolution.

In the semi-classical picture, an atomic transition exchanges either kinetic or potential energy with the motional degree of freedom of the atom. With the absorption of an optical photon, the kinetic energy is changed by the momentum kick from the photon, and quantum mechanically the process can be interpreted in terms of a displacement of the wavefunction in momentum space. With the absorption of a microwave photon, which carries a negligible momentum, the potential energy of the atom can be changed if the trapping potentials of the two states are different; this allows an interpretation in terms of a wavefunction displaced in position space.⁵

3) Evaporative cooling using an acetone-circulating thermosyphon system:

The important function of a natural circulation loop (i.e. thermosyphon loop) is to transport heat from a heat source to a sink. Fluid flow in a closed thermosyphon loop is created by the natural forces that develop from the density gradients induced by temperature differences in the heating and cooling sections of the loop.

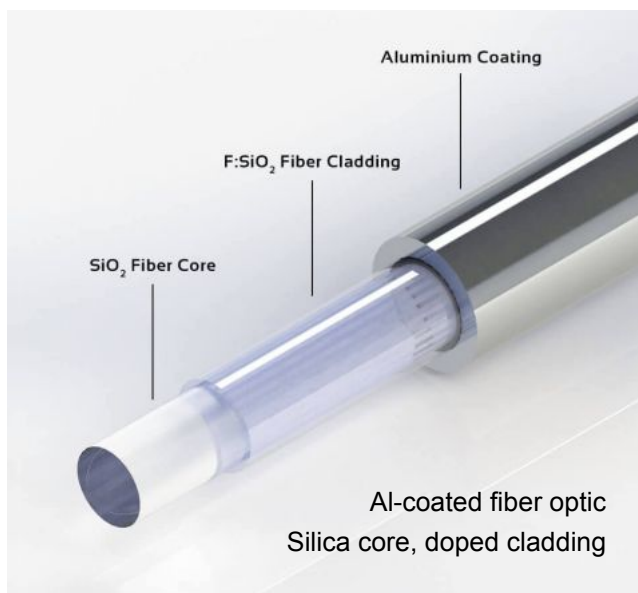
An advanced thermosyphon loop consists of an evaporator, where the working liquid boils; and the condenser where the vapour condenses back to liquid; and liquid and vapour lines connecting these two exchangers. Heat is transferred as the vaporization heat from the evaporator to the condenser. The thermosyphon is a passive heat transfer device, which makes use of gravity for returning the liquid to the evaporator. Thermosyphons are less expensive than other cooling devices because they feature no pump... [and utilize] acetone as a working fluid.⁶

Advancements in the field of superconductor cooling technologies now provide compelling support for the many claims made by Gerald Anderson. His astonishing eyewitness account of the July, 1947 Plains of San Augustine UFO crash is also directly supported by the latest advancements of condensed matter physics that have been developed in total secrecy over the course of nearly 8 decades since that spectacular event. Thin fragments of unusual alloys were collected during excavations of the debris field below Jack Peak, *showing a unique aluminum-based composition including over 56 different metallic elements* (Wade, 2009).⁷

While the cause of such UFO crashes remains unknown to the general public, US government insiders have long known that the cluster of multiple events of the same kind were not the result of randomly coinciding 'accidents', but immediately followed installation of Tesla's 'Nike' scalar radar systems weaponized to shoot down ET spacecraft at 3 sites in New Mexico; at El Vado, Continental Divide and a mobile unit at Moriarty.⁸

This fact was confirmed by Lt. Col. Philip J. Corso (1915-1998) in interviews regarding his direction of a research and retro-engineering program that *developed fiber optics* and *integrated circuits* beginning in 1947.⁹ Corso also discussed light amplification layers and UV blocking properties of the greys' black contact lenses, providing protection against sunlight for the troglodytic ET humanoids from the Zeta Reticuli system.

The experiences of Anderson and Corso are also strongly supported by similar accounts given by a US Army weather observer named Charles James Hall, who made many observations at a distance before undertaking direct physical interactions with an advanced extraterrestrial humanoid species. During his work at dry lakebed bombing ranges on Dog Bone Lake, Nevada from 1964-1965, Hall experienced a series of encounters with tall, white-skinned ETs from an underground base with large spacecraft hangar facilities:



The tall whites' spacecraft had an inner hull and an outer hull... and in between those two hulls were miles of fiber optic windings... In the small scout craft for example, I [had], at one time, estimated that there might have been as much as 1000 miles of fiber optic windings in between there. Melted fiber optics could be easily confused with the slag from an aluminum furnace, and you'll remember that Dr. J. Allen Hynek said he had, like, 500 samples of slag that had fallen off from flying saucers and they were characterized as slag from an aluminum furnace. Fiber optics are typically 49% aluminum...

[W]hen I observed the scout craft it had a meltdown—a meltdown of its fiber optics. And the aliens—alone, without humans around—worked on the scout craft from, like, Wednesday afternoon to Monday morning, day and night... And when they finally got it working on Monday morning, two other scout craft came down and flew beside it to stabilize it while they nursed it back up to the main hanger to do more repairs on it.

As far as I know, I'm the only human who got within a short viewing distance. I got within 100-200' of it before their guard wouldn't let me get any closer. And what they were working on were fiber optics... It had taken meteor damage, and it had the same construction—an inner hull and outer hull. And then inside the inner hull there was a row of rooms that obviously functioned as storage [rooms] for supplies—boxes and other things. And then inside that was another row of bulkheads, and then inside that was the living area.

And when the meteorite had come through, it had obviously struck the craft just over the left running light up on top, and had come down through at more-or-less a 45° angle and had just blasted its way through that row of... storage rooms, and had just come in the top and gone out the bottom. And when they finally got that landed at the Mount Charleston ski area in that snowstorm, man that was barely holding together. They had to land.¹⁰

The 1965 emergency landing of the tall whites' deep space craft at Mount Charleston took place just a few miles south of Indian Springs military base, to the southwest of Dog Bone Lake. Physical trace evidence left behind at the landing zones or crash sites of damaged ET spacecraft have also been analyzed in Russia, including the fused remains of hollow-cored optic fibers embedded with doped carbon nanotube fibers.

Another famous case involving molten effluent leaking from a damaged spacecraft occurred in the town of Cerro Colorado, Argentina. On August 17, 1995, residents heard 2 loud explosions, followed by a strong tectonic movement. Eyewitnesses believed a plane crash had occurred, although local police authorities were unable to find the source of the explosions. An aerial search by a local pilot revealed an immense debris trail running along a broad, straight trackway. A path of broken trees over 2,000 m long and 600 m wide displayed blackened brush, ash and an aluminum slag-like debris strewn all over the ground.

A very similar, but much smaller UFO crash was witnessed on January 29, 1986 by dozens of residents in the mining town of Dalnegorsk, in Russia's Far East. Evidence left at a crash site high on the mountainside also included blackened brush, ash and the fused remains of fine nanofibers embedded in a silica matrix.



Si, Al, C slag debris
Dalnegorsk, Russia - 1986

Information shared by both Anderson and Corso confirm these fused slag-like debris piles result from meltdowns of fiber optics within the double-walled hulls forming resonant superconductor cavities. The melting points of silicon and aluminum are 1,410°C and 660°C, respectively, indicating the critical temperatures at which dangerous malfunctions of the hyperspace craft can potentially occur after a catastrophic hull rupture. Various reports confirm the Russian government has been kept very busy undertaking retro-engineering projects and targeting of ET spacecraft at *Kapustin Yar*, where UFO crash debris collections have been stored in large hangars covering an area exceeding 2 football fields in size.

In the late 1960s, US military retro-engineering projects reproduced Al-coated optic fibers¹¹ with specialized hollow cores embedded with doped carbon nanotubes *to match the specifications of visiting ET humanoids*. According to former US Army weather observer Charles Hall, technology exchange agreements had been developed between tall white ETs and the US military, through a provision of mutual technological support on a limited and voluntary basis that included expansion of underground installations shared by both parties:

In 1965, it appeared to me based on just what I saw, that the US government had given the tall whites the base at Indian Springs. The agreement was that they would help us in any way that they wanted to, not necessarily any way they could, and that we would help them in any way we could. And so, for example, the tall Whites [withheld information on]... parts of their technology that they did not wish to share with us, such as their engine technology.

There were parts that they were willing to share with us, because that would allow them to buy the parts off the shelf, if you will, and use [them] to repair their own spacecraft. So, where their interest and ours overlapped, they were willing to share. Food was a big one, clothes was a big one... I don't know of any specific technology that we received from them, because I was never a part of any of those programs, I was the weather observer.

But, for example, the night the deep space craft that had damage, which appeared to me to be meteor damage the night it came in. It was obvious that one of the things that they were gonna need was high-grade titanium to do repairs on the interior of the ship. When you looked through the windows of the ship as I did, from a short distance of like 50', the interior of the deep space craft had corridors, like an ordinary Caribbean cruise liner.

And the damage included damage to the walls. And so the metal repair parts, like aluminum and titanium and so on, they could get from the Americans. Some the Americans might give them, say, pieces of aluminum cut to certain dimensions, pieces of titanium. This apparently also included fiber optics built to the alien specifications because many of the coils were damaged, and they might actually need –[by] my rough estimate– a thousand miles of fiber optics to do the repairs. The [American] scientist doing the work never has to be told that there are extraterrestrials and its going to be used in space, right? He doesn't have to be told beans about extraterrestrials and spacecraft.

The repairs on that ship took more than 6 months, and when they finally had it ready for shakedown trials... to the moon and back. The first time they took it out to 10,000' above Dog Bone Lake, just to see how well they could control it [from the base without a crew], and then they took it back to the [underground] hangar. And then a couple weeks later they took it [for a final test] with the crew onboard.¹²

In the early 2000s, Charles James Hall published an account of his ET contact experiences in a 6-book series entitled *'Millennial Hospitality'*. In these works, he specifically identifies the hidden location of giant underground hangars and connected joint base facilities of the tall whites, just as he has done in various lectures, stating: "It's physically on a ridge that comes out from the mountain... [extending] to the southeast."



The tall whites' underground base at Pintwater Range, Nevada (37.0701828°N, 115.5633236°W, above) is located 7,341 miles from the Great Pyramid, comprising 29.49% of Earth's mean circumference (⁵⁹/₂₀₀). This geoposition compliments exact placement at 37° North latitude, conferring excellent reception of infrasound standing wave resonance focused by axis-symmetric structures of the Orion Pyramid Complex.

The same resonant distance interval from Giza, Egypt is shown by a temple at Black Mountain, Nevada; Matole Pyramid on the Mattole River, as well as at Pyramid Peak and the Aloha Pyramid at Mount Price, California; and Costa Rica's Batambal Pyramid, along with a major megalithic temple at Cerro Pico Blanco.

US military personnel gain access to the Dreamland underground joint base without using any form of surface transport, instead making their way through a deep system of long tunnels that connect to nearby subterranean installations hidden below Site S-4 at Papoose Lake and Area 51 at Groom Lake, Nevada.

Within this extensive network of ancient subterranean cities with modern expansions, covert aerospace development projects have successfully retro-engineered hundreds of different high-tech metamaterials using knowledge gleaned from various direct ET contacts, in addition to ongoing analyses of downed ET spacecraft and any associated bodies of ET pilots that are often recovered from the hyperspace vehicles.



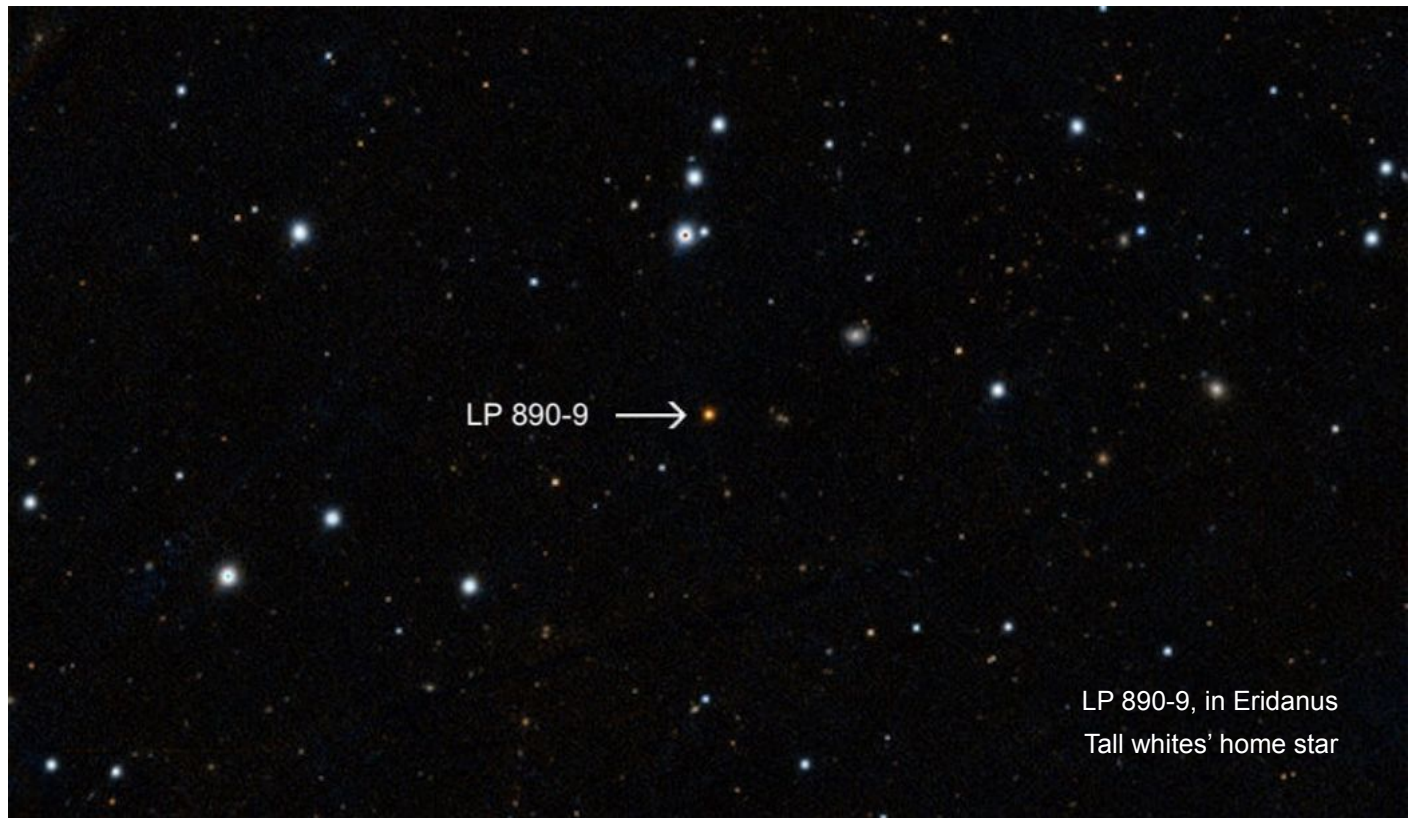
LP 890-9, in Eridanus
Tall whites' home star

The tall white ETs' underground joint base at Dog Bone Lake, Nevada, is protected under multiple layers of military perimeter fencing in arid, desolate regions that have been designated as Area 53 and Area 54. A large underground installation north of the depot at Indian Springs was turned over for use by the tall whites during the timeframe that Hall was present in the mid-1960s. Further expansion of subterranean facilities at these sites can be reasonably assumed, considering the perpetual advancement of tunnel boring tech.

More than 2 years spent by Charles Hall working in the Dog Bone Lake, Nevada bombing ranges allowed him to gain significant knowledge concerning the regular schedule of spaceflights arriving from the home planet of the tall white ETs. Accelerating away from a planet is a relatively simple task when compared to that of entering a planet's atmosphere and landing safely on the ground –or *passing through the bedrock to land inside an underground hangar*. Hall explained that most of the arrivals of deep-space carriers of the tall whites took place during the full moon, when magnetic disturbances from the moon's passing were minimal.

Astronomers finally identified the home star of the tall whites in 2022, situated 105 ly away from our Sol system. It is a red dwarf star, designated 'LP 890-9' (SPECULOOS-2 or TOI-4306),¹³ located in the center of the Constellation of Eridanus, 'the River' (above), visible in the southern hemisphere at -28° South latitude.

The relative dimness of the red dwarf star LP 890-9 may provide an explanation for the bright white skin coloration of the ET humanoids referred to by Charles Hall as the 'tall whites'. For this reason, the yellow luminosity of our Sol may be much more intense for the visitors than they are accustomed to. The red dwarf LP 890-9 is orbited by multiple rocky planets, one of which has raised great interests among the astronomy community for its potentially life-bearing characteristics, especially the presence of liquid water oceans.



In the 2022 study, astronomers identified the existence of a habitable exoplanet designated LP 890-9c; the 3rd planet in the system, 25.3 times larger than Earth, with a higher gravity and a rapid orbital period of 8.457 days.¹⁴ By compiling several years of observational data, this potentially water-harboring exoplanet was determined to be orbiting near the warm inner edge of the conservative habitable zone. This orbital position suggests a strong possibility that an Earth-like atmosphere and climate are present.

Growing optimism from astronomers was conveyed in a September, 2022 article in *New Scientist*, entitled: 'Two Potentially Habitable Super-Earth Planets Have Been Discovered'. Further articles characterized the discovery in the headline: 'SPECULOOS-2c May Be the Second Most Habitable Exoplanet Ever Seen'¹⁵

As of 2022, LP 890-9 is the second-coolest star known to host planets yet discovered, after TRAPPIST-1. The extremely short orbital period of the inhabitable exoplanet LP 890-9c is typical for a very large planetary body orbiting a very small star in the later phases of its lifecycle.

Information provided to Charles Hall –by the tall white ETs who inhabit the planet we call SPECULOOS-2c– indicates all species of large and medium-sized fauna have been exterminated from the landmasses of this planet, according to the preference of the native vegetarian humanoids who have 'subdued' the planetary ecosystem for their own purposes. Higher development of advanced humanoid lifeforms on any planet involves a necessary reduction of megafauna and large fauna species that pose a major threat to all life.

Interactions with the tall white ETs have proven to be very dangerous for human beings who are emotionally unprepared for such contacts, due to extreme security measures employed by high-tech ET visitors. One cannot overlook the extreme dangers undertaken by ETs visiting the surface of a foreign planet with extreme and hostile conditions by comparison to their own worlds. Temperature preferences also play a major role.

On the same suppressed subject of exoplanets inhabited by advanced ET humanoid species visiting Earth, Charles Hall also provided accurate information on the covert presence of underground bases and related contacts occurring in the region of his family's farm in Madison, Wisconsin. Hall discusses another group of light-skinned ET humanoids referred to as 'Nordics' or 'Norwegians', distinguished by a denture of 24 teeth:

Many people of Norwegian ancestry, and Scandinavian ancestry have always lived in the Southern Wisconsin area... I asked my friend if... they had come here from Norway. He responded that Southern Norway was where their ship had landed. However, they had moved to Canada to be closer to where he and his family lived. His family lived in southern Ontario, Canada. They didn't live right in a city... [but] out in a heavily forested [area]...

I asked my friend where the ship had come from originally. I asked about the journey, and about himself, his fiancé, and his friends. He was in an unusually talkative mood. He very quietly related to me the following story. He didn't remember much about where he came from. He insisted that it was a planet orbiting a star which was close by. It was a dim red star that was almost not visible, or only sometimes visible, without a telescope. It was a star in the northern skies, much smaller than the sun. He never mentioned the star's name.

He said their sun wasn't very warm or very bright. He remembered his sun as being bright red in color. He claimed that their sun appeared to be very small in their sky, even though their home planet was orbiting up close to it. However, lots of days they couldn't see their sun through the heavy clouds. He insisted that the way their sun looked at noon on his planet was similar to the way our sun looks at sundown on our planet.

He said their sun sometimes produced huge red flares. The flares themselves were extremely thin. The flare clouds were sort of like glowing patches of red-hot vacuums. The people on the planet would just stay underground for a few days until the flares passed. Unlike the Earth, his planet did not have a companion moon. Their planet did have a magnetic field strong enough to deflect most flares. His planet's axis of rotation was not tilted [with respect to the ecliptic plane of the system]. It was running upright in its orbit. It was also running in a nearly circular orbit. Consequently, there weren't any seasons on this home planet... his planet was a very cold planet. The planet was half iced over. The glaciers and the great ice sheets covered half of the distance from its poles to its equator.

My friend seemed to know a lot about glaciers, frozen lakes, arctic mountains and fjords. He seemed to abhor jungles, deserts and tropical islands. He said there weren't any jungles or deserts where he came from. He said the climate at his planet's equator was very similar to the summertime climate of southern Norway, here on Earth. He said that many of the plants on his planet were the same as corresponding plants here on Earth. I concluded that some of the animals on his planet must also be similar to some of the animals here on Earth...

I asked him when his people first started coming here to this Earth... He wasn't sure when they first started,... [but] they have been coming here in small groups for a very long time. However, he implied the number of their travelers to Earth increased noticeably back about the time of Charlemagne... [spanning] the years 750-800 AD. The early years were very painful for them. Not every trip was successful because the navigation was very difficult. The landings were very difficult. There was little, if any support once they arrived. The culture here on Earth was barbaric and very primitive. In essence, every group was on their own. Many... were never able to return home.

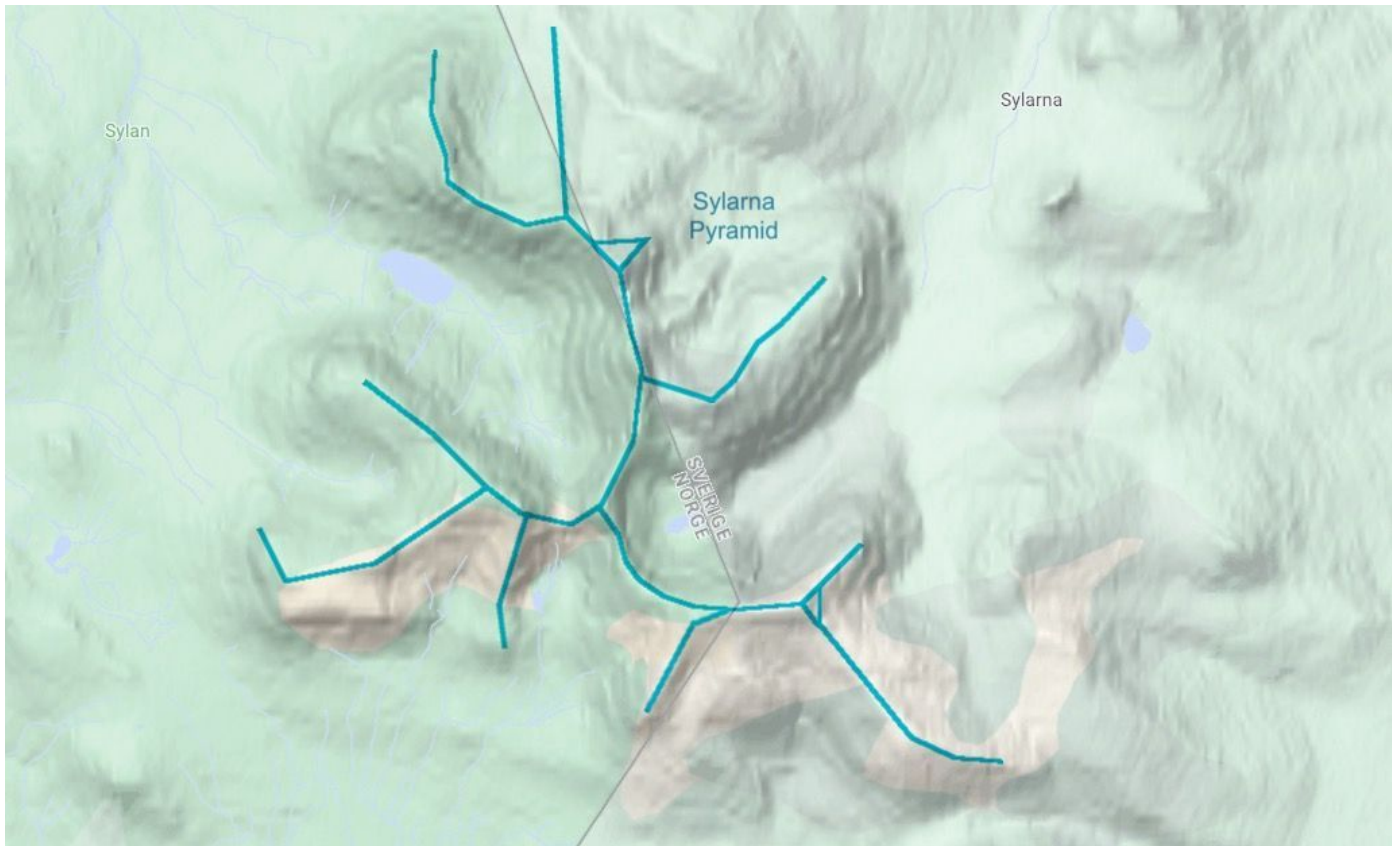
Even in the 20th century, many of the ships that made it to Earth were off course and had very difficult landings. The west coasts of England or Alaska or Siberia were easily confused with the west coast of Norway... My friend related that after WWII was over, his friends contacted the American Government, and presented their 'Wish List'. They requested a NATO-style agreement with the US Government... [that] would provide them protection...

He related that some years prior, perhaps back in 1949 or 1950, a small group of his people held a meeting with a famous American scientist who is now deceased. To protect the scientist's identity I shall refer to him only as 'The Good Doctor', not his real name. They were hoping to present and discuss their wish list with him. He related that 'The Good Doctor' was very polite, but turned them down. My friend wasn't sure that 'The Good Doctor' believed them when they told him they had come from an Earth-like planet orbiting a nearby star. They had to tell him of their origin so he would understand that they were making a reasonable request.

'The Good Doctor' said that the Earth's level of technology was not yet ready to be of any help. 'The Good Doctor' noted at the same time that none of the Earth's nations had yet fired even a single projectile to Earth's nearby moon. Building an operating moon base was one of America's highest priorities. However, I understood my friend to say that 'The Good Doctor' did believe the day would soon come when Americans were routinely traveling between the Earth and corresponding bases on the moon. When that day came, America would have sufficient technology and experience in space to respond to their request.¹⁶

Historical background information provided by the Norwegian ET visitor can be fully verified by genetic analysis. In his later lectures, Charles Hall dispensed with the secrecy and revealed the identity of the famous American scientist as Dr. Edward Teller, who worked closely with Dr. Robert Oppenheimer on the Manhattan Project to develop the atomic bomb. Much less well-known is the fact that, just prior to their participation in nuclear weapons development at Los Alamos National Laboratory, Oppenheimer, Teller and a few dozen other world-class scientists were closely involved in the US Navy's 'Philadelphia Experiment'.

For millennia, Nordic ET groups have occupied and expanded an ancient underground complex extending below Norway and Sweden, originally built during the second phase of the Atlantean civilization ~30,000 bp.



Sylarna Pyramid, on the border of Norway and Sweden (63.0280947°N, 12.1971652°E, above) is located 2,432 miles from the Great Pyramid. This resonant distance interval represents 9.77% of Earth's mean circumference ($^{39}_{400}$), reflecting the value of Fibonacci #104 ($2,427.89... \times 10^{-18}$) in miles and Fibonacci #327 ($9.76... \times 10^{-67}$) in percent. These factors, along with exact placement at 63° North latitude, provide for efficient reception of infrasound standing wave resonance focused by the Orion Pyramid Complex.

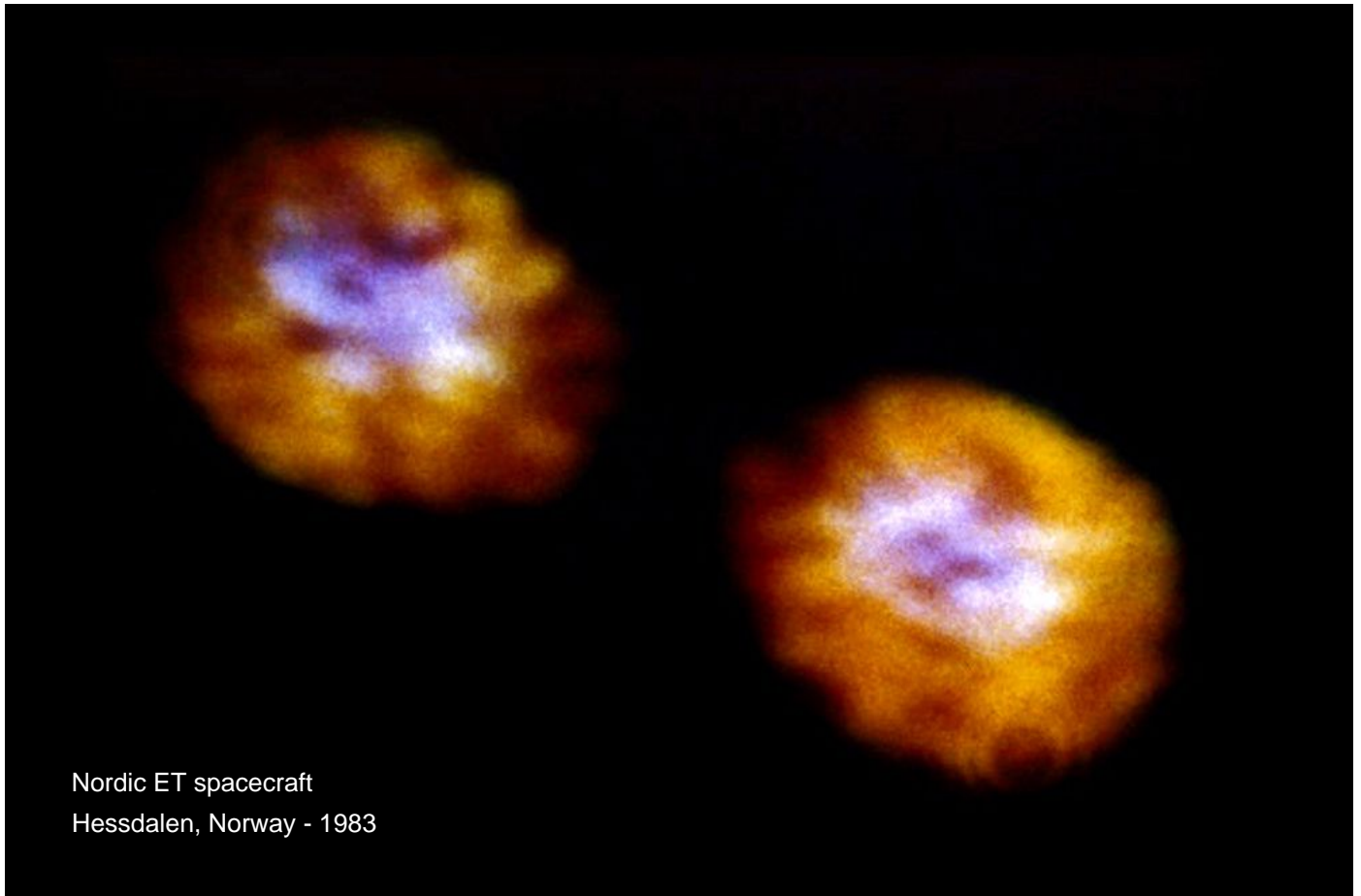
The beautiful votive placename 'Sylarna' presents a Paleo-Sanskrit origin, composed of 4 glyphs reading: **si l arn a**, meaning "Your essence bearing, ah". This name references the gravitational effects of cosmic and planetary infrasound that impel and align the conscious awareness of all living beings. German filmmaker Michael Hesemann documented investigations of UFO sightings that have occurred sporadically in the skies above Hessdalen, Norway after a spate of sighting events began in the early 1980s (overleaf). The Sylarna Pyramid Complex is situated just 35 miles due east of Hessdalen, which accounts for the surprising regularity of luminous aerial displays witnessed in the skies high above the ancient sacred site.

On December 9, 2009, a blue spiral plasma formation was observed by thousands of residents throughout the entire region of Trøndelag, Norway that was widely reported by news media outlets. Paleo-Sanskrit hieroglyphs are also expressed in geometric forms of the expanding plasma spiral, visually conveying the Atlantean biophotonic concept of 'DNA synchrony'. The closely related subject of Nordic ET bloodlines came up in dialog with the Cassiopaeans, channeled by Laura Knight-Jadczyk's group on March 4, 1995:



HHO plasma skyglyphs
Trøndelag, Norway - Dec 9, 2009





Nordic ET spacecraft
Hessdalen, Norway - 1983



Q: (L) Okay, guys, what do we need to do here? A: Find a "Nordic." They are on Earth posing as humans.

Q: (T) They are 4th density. I thought they... A: Yes.

Q: (T) I thought that 4th density couldn't hold the frequency that long and that is why the Lizards have so much trouble. (J) They're STS. A: Not STO!

Q: (T) Very good, JR hit it as they said it. The STS can't stay, only the STO. A: Yes.

Q: (T) So, we need to find a Nordic, do we know one? A: Have seen them at meetings and such.

Q: (L) What kind of meetings. (J) MUFON meetings? A: MUFON...

Q: (L) Is this there anyway we can get any help or power from these 4th density good guys prior to that so that we can put a period to this attack we have been undergoing? A: Start to call them, maybe.

Q: (L) How do we call them. (T) They said "discover!" They don't usually say that in regard to the project awareness meeting. (L) Yes. Okay. A: Hint!

Less than 2 years later, on September 21, 1996, the Cassiopaeans shared some extraordinary information regarding the mental activities of a massive psi army concealed below ground, called 'Thor's Pantheon'. This mass psychic operation is being conducted for the *'transfer of enlightenment frequency graduation'*:

Q: (T) Is there any significance to the ID4 movie?... (L) What's the primary intention of the makers of this movie? A: Infuse thinking patterns with [planchette swirled a few times] concept of aliens... "Project Awaken"...

Q: (L) Who are the primary group, groups or individuals? I'm sure you're not going to give us individuals, but just the grouping. A: Thor's Pantheon... Sub-select trainees for transfer of enlightenment frequency graduation...

Q: (L) Well, is this group STS or STO? A: Both.

Q: (T) They're working together? Bipartisan? A: No.

Q: (J) Are they aware of each other? Working on this? A: Yes... There is more to all of this than you could dream... An army of Aryan psychic projectors.

Q: (T) Well, that explains a lot more than Thor's Pantheon of sub-select trainees! An army of psychic projectors. (L) And what do they project? A: Themselves... Right in to one's head.

Q: (T) Into one's head... this is better than 'Must See TV!' (L) Project right into one's head... is anybody subject to this projecting? A: Yes.

Q: (L) And, when they project themselves right into someone's head, what does that someone perceive? A: Inspiration.

Q: (L) Inspiration to what, or to do what? A: Yes.

Q: (L) Yes? To do what, to do something? A: And...

Q: (L) To do something, and to understand or perceive something, is that it? A: Yes.

Q: (J) To believe something? (L) Yes. So, how many are in this army? A: 1.6 million.

Q: (L) When they're... projecting into someone's head, where are they projecting from? A: Mostly subterranean.

Q: (L) Subterranean, so these are the people of the tunnels, the underground bases and all that sort of thing. Are they 3rd or 4th density beings? A: Both.

Q: (T) Let me back up.... If they can do all this projecting on their own, what was the point of the movie? A: No, you misunderstand... This is an intense activity, directed towards influencing the high level creative forces...

Q: (L) And was this subliminal activity in the movie designed to create an opening... A: Not for you, but for others.

Q: (L) Why? Do you mean me, personally, or us as a group? (T) Well the movie didn't affect me. A: Group.

Q: (L) What made us immune? A: You already have the knowledge.

Q: (T) The movie wasn't meant for us; we already know. The movie was meant for all of those who don't understand. A: Say hello to Gene Roddenberry.

Q: (L) Is Gene Roddenberry present? A: No.

Q: (L) In other words, say hello to him because he was doing that sort of thing a long time ago? A: Yes...

Q: (L) Why did you bring up Gene Roddenberry? (J) Because he was doing it in Star Trek? A: Yes...

Q: (L) What are the high level creative forces that are needing to be influenced, or desirable of being influenced? A: Those in the creative arts.

Q: (L) So in other words, I see, this group is using their projecting ability to influence those in the creative arts to do creative things that will therefore influence the people on the planet. Is that it? A: Yes.

The sheer magnitude of telepathic impulses from 1.6 million 'Aryan psychic projectors' described by the Cassiopaeans is difficult to grasp without serious consideration. How many square miles of underground chambers are required for such an intensive operation to be conducted without the knowledge of anyone on the planet's surface? How many subterranean bases do the Nordic ETs inhabit at the present time, and how long have they been actively preparing for the Divine work of ascension in synchrony with our planet Earth.

The Cs statements emphasize the counterbalancing dynamic of inspirational psychic projections from 4th-density STO groups that work within the Laws of Creation, as opposed to the predations of 4th-density STS groups that actively violate free will by manipulating timelines through a program of serial abduction and mass murder. More details concerning this unusual topic were shared in a session channeled on December 26, 1998, exposing long-term hybridization programs resulting in Nordic gene flow into human populations:

Q: Is the Nordic Covenant in any sense similar to any of the things I have read here?

A: It is a mystical thing, not related to theology in a direct sense.

Q: How long has the Nordic Covenant been in existence? A: 5129 years.

Q: Is the Nordic Covenant made between humans and other humans, or between humans and higher density beings? A: Mostly between humans and humans, but some of the other.

Q: Does this Nordic Covenant exist on the earth today in similar format as it did at its inception? A: Yes...

Q: What is the central issue of the Nordic Covenant? A: Bloodline extends off the planet.

Q: Is this Nordic Covenant a group that is in place on the planet for the purpose of guarding or propagating a particular bloodline? A: To guard secrets...

Q: What secrets are they guarding? A: Your origins; the nature of your being.

Q: So, this Nordic Covenant is that which wishes to maintain the darkness of our realm, the time loops, the replays, and all that sort of thing? A: One of the players, yes.

Q: You also said that the Nordic Covenant was a duality, that it could be positive or negative. So, if that is the negative side of it, is the positive the same, or different? A: Too complex for your current understanding.

After nearly 25 years of research, the subject was discussed again recently, in a June 24, 2023 session:

Q: (L) And what is the nature of these bloodline connections?

A: This is a difficult topic. Those who are bloodline of 4D STS have power centers.

Q: (L) Are you talking about some kind of an extra physical organ? A: Close.

Q: (Andromeda) Like an emotional center or an intellectual center? A: Yes

Q: (L) Similar to an emotional center or an intellectual center... Are they genetically engineered for this? A: Yes

Q: (L) Is there anything corresponding to that on the STO side?

A: In a sense though it was passed on in the natural way.

Q: (L) So there are STO individuals with power centers of some sort? A: FRV soul essences.

Q: (L) So in other words, they have a soul essence of certain FRVs as opposed to genetically engineered power centers that connect them to 4D STS, is that what we're saying here? A: Yes

Q: (Joe) Those power centers provide these 4D STS bloodline individuals with capabilities to rise into positions of power or gain positions of power and control? A: Yes

Q: (Joe) And is it true that they're kind of connected in that sense to a 4D STS mindset? So they would tend towards domination? A: Yes

Q: (L) Does it also mean that these power centers can transmit energy to 4D STS through the 3D individual with the power center? A: Yes!!

Q: (L) Is that one of their primary functions? A: Yes

Q: (L) So they are engineered into positions of power for the purpose of transmitting energy up? A: Yes

Q: (Joe) Either through what they enact, or you know, they can cause suffering and all that... (Andromeda) Feeding tubes. (Niall) Are they mostly British? (Joe) That's a serious question: Anglo-Saxon stock... A: Nordic.

Prescient explanations given by the Cs over the last few decades indicate the broad scope of telepathic activities that have been gradually intensifying over the last centuries, attesting to the unseen telepathic activities undertaken by the pantheon of angelic forces. Activation of chakra power centers among Earth humans with ET genetic 'tweaks' enables the reception of telenotic impulses projected from underground bases all over the globe.

Elucidation of these invisible psychic factors by the Cs resolves questions concerning motive that inevitably arise when considering the life's work of intuitive inventors that combine scientific insight with creative visual designs and structural engineering solutions. Tesla was not visited by any ET groups; he channeled psychic information from the Akashic field with inspiration from 4th-density STO thought impulses. Astronomers have only recently spotted the Nordics' homeworld, located in the constellation of Leo, orbiting Wolf 359 (below).



In 2019, astronomical observations revealed Wolf 359 to be a small red flare star 7.8 ly from Sol, orbited by a half iced-over planet, similar in size to Earth that is face-locked to the star like our moon is our planet. The optimal temperature range for the nordic ETs is known to be 10-15°C cooler than the average human of Earth, which dictates their preference for underground bases in the higher latitudes of the Great Lakes region and northern Europe in particular. The orbit of exoplanet designated as Wolf 359c has been defined:

Wolf 359c is a confirmed extrasolar planet (exoplanet) that orbits the star Wolf 359 in the constellation of Leo. The planet was discovered in 2019 using the radial velocity detection method. An exoplanet is a planet that orbits a star other than the Sun. Both the star and the planet can be located in the northern hemisphere. It is not possible to see either the exoplanet or the star just looking up in the night sky as it is too dim.

The orbital period, or to say it another way, Wolf 359c's year is 2.68687 days or 0.01 Earth Years. By the time, the Earth has completed a full year, the planet will have completed 135.85 orbits of its star.¹⁷

This inhabited exoplanet was scripted into a 1990 Star Trek episode depicting the 'Battle of Wolf 359'.¹⁸ Pervious research by this author has revealed genuine ET contacts from various regions of the world, involving cosmic visitors from other star systems in our Milky Way galaxy that include the Procyon binary system (11.4 ly away), the Tau Piscium system (159 ly away), the Tau Ceti system (11.9 ly away) and the Plejares system (519 ly away).¹⁹ *Several other important ET contact cases have not disclosed their origins.*

The growing list of widely publicized UFO contacts also includes visitors from the nearby planet Venus, who inhabit great cities embedded miles below the planet's scorched surface. Progressive information reported by various contactees has emerged over the last several decades, including a very special case involving a Norwegian ET ambassador occupying living quarters and laboratories in a US military installation. These contacts provided partial scientific support for covert retro-engineering programs at Groom Lake, Area 51.



The SR-91 Aurora stealth reconnaissance aircraft can be distinguished by the slightly outward-leaning angle of the rear fins seen in low-resolution photographs during test flights undertaken at the Groom Lake facility (above). Technical information regarding the aircraft's use of 2 *pulsed detonation wave* (PWD) engines was revealed by Nazi agent Otto Skorzeny in 1999, who described the engine's characteristic 'donuts-on-a-rope' contrail (opposite). High visibility of the unique contrail precluded its use on later prototypes after the TR-1.





Aurora TR-1
Groom Lake, Nevada

A very similar black stealth triangle design was developed on a much larger scale that is distinguished by its slightly inward-leaning tail fins and a different configuration of the pair of PDW engines (above). Limiting effects of the force drag caused by the friction of air molecules exerted on the forward-facing surfaces of the aircraft were mitigated by stealth aircrafts' emission of water vapor from a series of nozzle extensions projecting from the noses of black jets, effectively generating an HHO plasma buffer. This same type of air friction reduction system had been installed to reduce fuel costs for all service aircraft by the mid-1960s.



Pulsed detonation wave contrail

Complete mitigation of drag forces is required for safely achieving speeds in excess of ~Mach 5, and new systems were developed to meet these extreme conditions. These engineering efforts would eventually surpass all reasonable expectations in the early 2000s. Major advances led to the discontinuation of ramjet engine technology, after being surpassed by the success of a new condensed mercury plasma device formed as a toroidal ring installed in the center of the underside of the triangular craft. The unit generates superconductivity in Hg plasma by maintaining extreme pressures $>250,000$ atm, extreme cold at -123°C and high-voltage electrical currents that induce high-velocity rotation of the Hg plasma ring to $\sim 50,000$ rpm.

Aurora TR-2



The Aurora program's next design was scaled-up as a sharply geometric triangular hull, representing the the largest of this type. The TR-2 accommodates a crew of 12, or a minimum crew of 6 (video still above, illustration below). Documentary video captures the TR-2 craft's instantaneous vertical acceleration that can only be accomplished by generating an HHO plasma bubble to cancel forces of atmospheric friction during supersonic flight. The TR-3A Black Manta (opposite) and TR-3B Astra (overleaf) were somewhat smaller:



The TR-3A Black Manta is reputedly a US Air Force spy plane. Created from technologies of non-human origin, easily beyond Earth's atmosphere, neutralizing gravity. First sighted over Belgium 2 or so decades ago as a mysterious triangular flying object, It has since been seen in a number of locations. Many people believe that it is [just another type of]... UFO, but there are also sources claiming these are secret weapons of the US military.

Many sources come from the accounts of some American experts working at a secret military base near the city of [Las Vegas, Nevada, at] Groom Lake. [Some insiders confide that] Americans already possess an aeronautical technology beyond imagination. It was a TR-3B plane at Base Papoose, which looked exactly like an alien ship.

The TR-3B aircraft is also codenamed 'Astra'. The first operational reconnaissance flight took place in the early 1990s. The aircraft's nuclear platform was built in the highest level of secrecy, the 'Aurora' program, funded with money from the 'black budget'. At least 3 billion USD have been invested in this project.

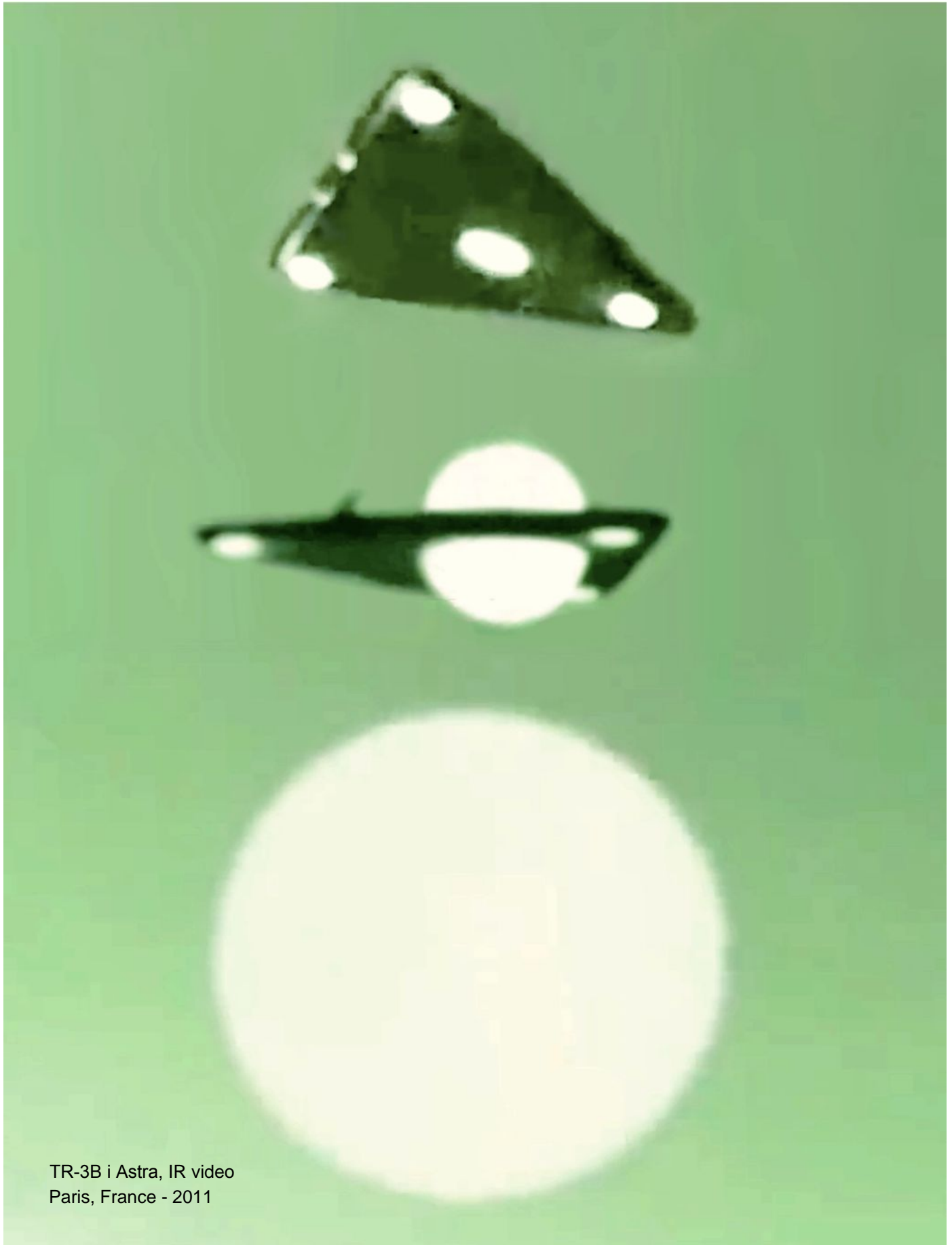


'Aurora' is currently America's most secretive aerospace program, and the TR-3B is the most bizarre vehicle ever created, funded and coordinated by the NSA, NRO, and CIA. The functionality of the TR-3B is not a fantasy. It was built using technology that dates back to the mid-1980s. So not every UFO seen by humans is of alien origin. The material covered by TR-3B is a radar-absorbing polymer, which can change its reflectivity, radar absorption and color. This polymer, when combined with several electronic systems, can give the TR-3 the appearance of a small flying vehicle or a cylindrical object on a radar screen.

A circle filled with accelerating plasma inside the aircraft, known as magnetic field decay (MFD), surrounds the crew compartment and is superior to any currently known technology. Sandia and Livermore Laboratories developed this secret technology and the US government will do everything to protect it. Plasma is created by bringing mercury to a pressure of 250,000 atm, at a temperature of -123°C. If accelerated to 50,000 rpm, it will become a superconducting plasma, the end result of the process reduces the force of gravity, helping the plane fly.

By creating this rotating magnetic field, the influence of gravity on the aircraft is neutralized by 89%. In other words, the weight of the circular accelerator as well as the weight of the aircraft is reduced by up to 89%. This makes this flying vehicle extremely easy to maneuver. With an 89% reduction in weight, the TR-3B can travel at Mach 9, both vertically and horizontally. Sources say that performance is limited only by the pilot's biological limitations.

The TR-3B's thrust is provided by 3 multimodal... [jet] engines which are mounted on each corner of the platform using hydrogen fuel or methane and oxygen. The jets' nuclear engine uses liquid hydrogen and increased oxygen for extra power. The reactor heats liquid hydrogen and injects liquid oxygen through ultrasonic nozzles so that the hydrogen burns at the same time as the liquid oxygen. The multimodal propulsion system can operate in the atmosphere with the [energy for the] propulsion [systems] provided by nuclear reactors.²⁰



TR-3B i Astra, IR video
Paris, France - 2011

TR-3B ii Astra



The next iteration of Aurora aircraft emerged ~1998, codenamed TR-3B ii Astra (above), which references the crafts' star-like appearance in IR when fully cloaked. The low-angled tetrahedral profile of the Black Manta was increased in height, with a series of 7 vertical windows on each of its 3 sides. Surface coatings were upgraded to a color-changing, superconductive polymer composite of lithium-boron microfiber layers doped with superheavy synthetic elements and lithium-metallic hydrogen nanoparticles (above).

Very few images and videos of the Aurora Astra were released into the public domain during the early 2000s. The utter secrecy of this period ended in 2013, when a series of images and videos emerged over several years, confirming positions of turrets and weapons bays on the TR-3B iii Astra Supercruiser (below).



TR-3B iii Astra Supercruiser

In December 2013, the Astra was filmed in the US in Nevada and Virginia; and in Reutlingen, Germany.²¹ In March 2014, US marines recorded the Astra providing air support near Asadabad, Afghanistan.²² The same occurred in the Syria conflict.²³ Establishment of US Space Force followed in December, 2019, taking over all satellite operations from the Air Force and covert operations involving the TR-3B iii Astra Supercruiser.

These stupendous technological advances followed directly from the 1929 invention of the Tesla Gravity Motor and subsequent research projects with the Institute of Advanced Study at Princeton University. As revealed by Hitler's bodyguard and Nazi spy Otto Skorzeny (1908-1999), the gravity motor was used in development of HHO plasma invisibility cloaking through the experimental EM field methods tested in the Office of Naval Intelligence's (ONI) *Operation Rainbow Project*, directed by Nikola Tesla from 1934-1941.

During his lifelong military career, Dr. Oscar Schneider kept a valuable collection of historical photographs that included an August 9, 1943 image of Operation Rainbow Project scientists gathered in the briefing room of the USS Eldridge 3 days prior to the fateful experiment at the Philadelphia Naval Shipyard (below).



USS Eldridge briefing room
Philadelphia Shipyard - August 9, 1943

Captain Al Cameron is seated with Norwegian ET *Valiant Thor* and 24 scientists: Oscar Schneider, James Conant, Enrico Fermi, Fritz Strassmann, Alfred Loomis, Jack Parsons, Edward Teller, John von Neumann, J. Hans Jensen, Emilio Segré, Leo Szilard, Leslie Groves, Marsbed Hablanian, Robert Oppenheimer, John Slater, Isidor Rabi, Ernest Lawrence, George Kistiakowsky, Owen Chamberlain, Vannevar Bush, Richard Feynman, Karl Compton, Arthur Compton and Constantin Yaglou. Dr. von Neumann became the director in 1941 *after Tesla refused orders to electrocute the ship's crew with high-voltage currents on deck as planned.*

In studying the faces of the 25 individuals seen in the archival photograph (opposite), an intuitive sense of familiarity settles into this author, hinting at cosmic synchronicities. It turns out that James Conant died *on the very same day I was born; February 11, 1978*. Leo Szilard was born on February 11, 1898; exactly 80 years prior to my birth, and J. Hans Jensen died on February 11, 1973; exactly 5 years before my birth.

What can be made of the compelling temporal alignments observed between the birth dates, life works and death dates of James Conant, Leo Szilard, J. Hans Jensen, Nikola Tesla and myself? The subtlety of such coinciding events that shape the lives of these scientific thinkers leaves much open to interpretation –*or to dismissal*. Mosaic patterns such as these actually present themselves quite often, teasing the limitations of the conscious mind by stirring some ethereal form of deep, inner knowing within our subconscious core.

Despite many false claims made about the Valiant Thor ET case by disinformants like Frank Stranges, the examination of photographic evidence *confirms the identities of 24 world-class scientists*. This highly select group of individuals includes *an ET ambassador and several Nobel Prize laureates*, representing the most significant form of authentication supporting the Norwegian ET contact at the Pentagon in Washington, DC.



Arthur Compton

Karl Compton

Richard Feynman

Leslie Groves

Alfred Loomis

Marsbed Hablianian



Owen Chamberlain

Oscar Schneider

Vannevar Bush

George Kistiakowsky

Emilio Segré

Ernest Lawrence



Isidor Rabi

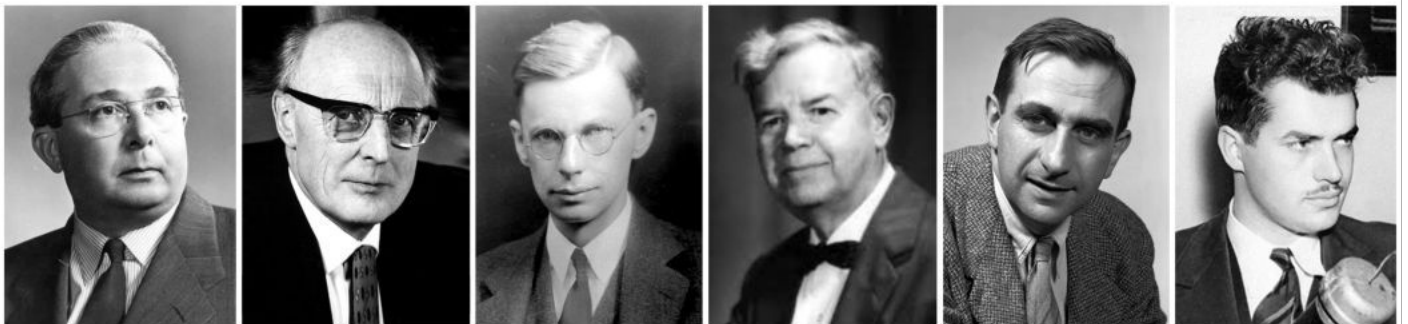
Constantin Yaglou

Enrico Fermi

Robert Oppenheimer

Fritz Strassmann

John von Neumann



Leo Szilard

J. Hans Jensen

James Conant

John Clark Slater

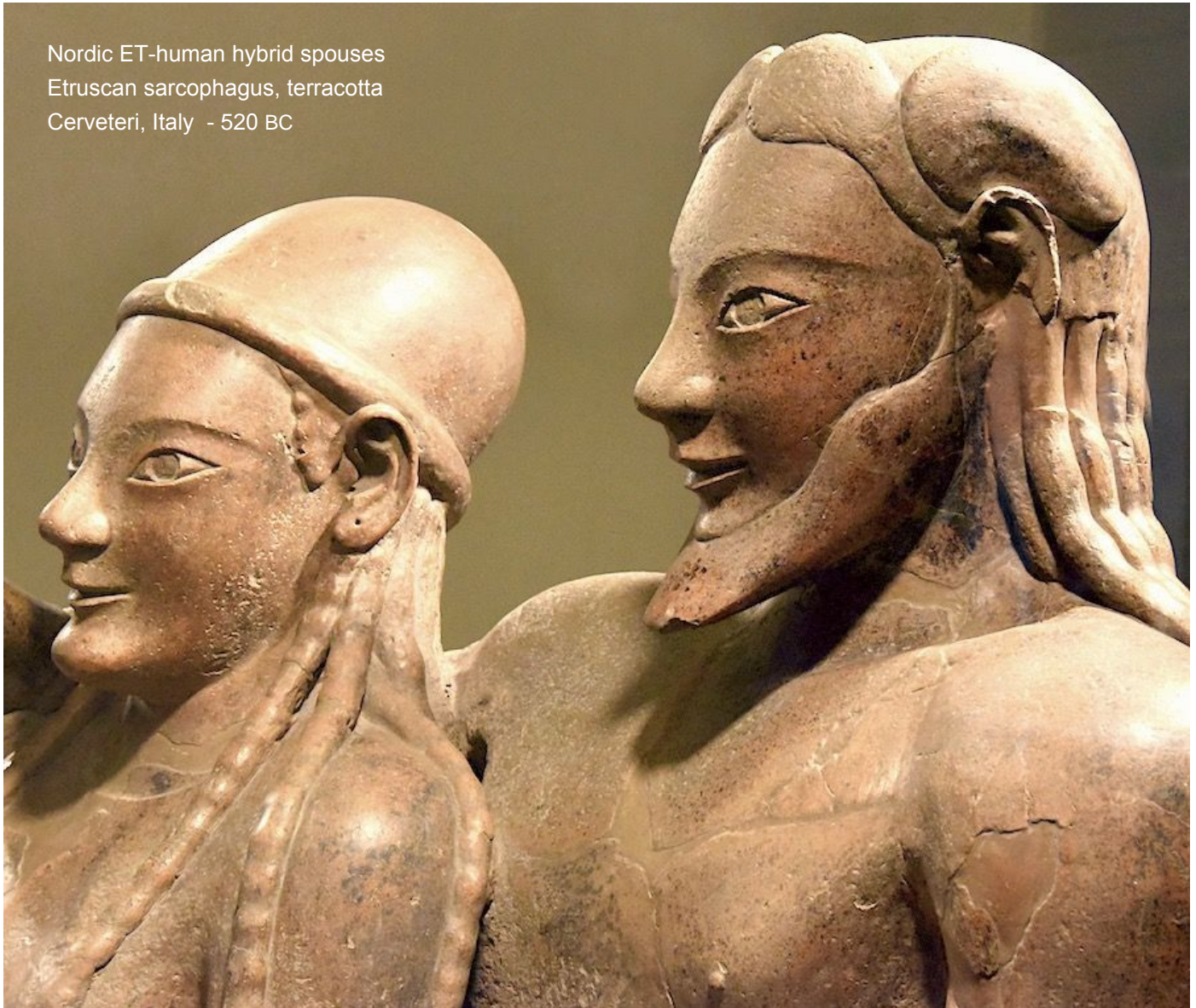
Edward Teller

Jack Parsons

Valiant Thor had worked with the US Navy from living quarters and laboratories below the Pentagon, having occupied sub-level 3 since 1937. The Norwegian ETs' internal anatomy is quite similar to Earth humans. Val Thor is physically described as standing nearly 6'-tall, with blond-hair, blue copper oxide blood, a very robust skeleton and vasculature, and possessing a 490-year lifespan that has been verified over the last 80 years.

An examination of the unusual physiology of the Norwegian ET in Schneider's photograph indicates a strong genetic connection between the Norwegian ET humanoid species and the ancient Etruscan civilization of northern Italy. Masterful Etruscan ceramic portraits bear the same striking facial features presented by Val Thor; a heavy jaw with an underbite, a pronounced chin, pronounced septum, thick neck and gracile hands.

Nordic ET-human hybrid spouses
Etruscan sarcophagus, terracotta
Cerveteri, Italy - 520 BC



The disclosure of cosmic top secret information by Oscar Schneider, *through one of his sons who also had the opportunity to meet Val Thor*, sheds light on one of the most important –and most suppressed– subjects in the world today. The accounts of Oscar Schneider raise the possibility that Nikola Tesla participated in US Navy meetings with the Norwegian ET Valiant Thor, through his directorship of Operation Rainbow Project that began in 1934. Thor joined the project in 1938 as a lead scientific advisor, 3 years before Tesla ‘retired’.

The most obvious physiological features attributed to Valiant Thor are not visible in the Eldridge photograph from the Schneider collection, yet what little is visible of his neck and head are certainly abnormal. The image also captures the curious gaze of James Conant, as he momentarily diverts his attention from the lecturer. The fact that Thor is being stared at while seated apart and dressed differently from the others all supports the reality of otherworldly circumstances described by Oscar Schneider in his first-hand accounts.

The odd facial characteristics of Val Thor present a strong likeness to the radiant faces of a pair of life-size terracotta figures adorning a sarcophagus excavated at Banditaccia necropolis in Cerveteri, Italy (above). Their large, angled eyes are emphasized by narrow cheekbones; a pronounced upper lip and nasal septum; and an underbite with a pronounced chin. The muscular male figure is bald on the top of his head, with long, dreadlocked hair. The female figure also has dreadlocks, and possesses an elongated skull, protected by a thin psychoacoustic helmet symbolizing matrilineal authority consistent with the social order of the Paleo-Sanskrit high civilization of Atlantis. *This sculpture shows genetically engineered Nordic ET-human hybrids.*

The exceptional quality of sculptural forms rendered in the Etruscan works provide unequivocal evidence of the off-world origin of the unusual genetic heritage blended into the present-day population of northern Italy. The specificity of forms presented by these masterworks, in conjunction with their impressive life-size scale, stands among the highest achievements of cultural expression of its time.

Forthcoming genetics studies will soon reveal to the general public what has been discovered by covert US government research projects; that genetic material obtained by consent from Valiant Thor confirmed that significant segments of his entirely non-human genetic sequences show homology with ancient genomes.



Genetic evidence of this kind has been obtained by black projects researchers from various ET humanoid species that maintain subterranean bases on Earth, enabling establishment of a comprehensive genomic database for analyses by AI software applications for identifying the true origins of humanity on Earth.

The fundamental conclusion reached in these endeavors is inescapable; showing the human species on Earth to be the product of successive genetic enhancements and alterations by a collective of several different advanced ET humanoid species working together, utilizing mass hybridization techniques that can be coherently reconstructed from surveys of ancient genomes from underground sites worldwide.

Present-day populations of northern Europe, especially Scandinavian countries, show the unmistakable residual genetic traces of ancient cross-breeding with Nordic ET lineages, which occasionally manifests in dental anomalies involving larger teeth with smaller root structures, arranged in fewer numbers than the normal set of 32 teeth possessed by the majority of humans on Earth.

Many individuals living today in northern Italy can trace their heritage back to ancient Etruria, possessing genes from hybridization with Norwegian blue-blooded ET humanoids. The strongest expressions of these genetic traits include dimpled cheeks and a cleft chin, thick necks, broad shoulders, robust musculoskeletal features, resilient immune systems and resistance to cold temperatures (e.g. NFL star Jimmy Garappolo).

The veil of secrecy that has shrouded the existence and benevolent influence of ambassadors of the Nordic ET civilization on Earth for over 80 years is slowly lifting. The time of *revelation* is now resonating on this planet, as waves upon waves of neutrinos and γ -rays ionize our bodies and elevate our consciousness.

Compelling information continues to be divulged from a broad diversity of sources, from many independent researchers, mediums and intuitive minds, as well as insider government sources willing to risk their lives to educate the general public about the invisible dynamics of the present situation on planet Earth. Despite the silencing of some sources, new voices and expanding cognitions lead the way forward through *unification*.

There have only been a few low- and mid-level engineering personnel who worked within black projects in Nevada's underground installations (Nellis Air Force Base, Tonopah Test Range, Area 51 Groom Lake and Site S-4 at Papoose Lake) that have gone public, including Bob Lazar and Bill Uhouse. The black jet stealth development programs followed directly from Operation Rainbow Project, which employed 3 large electrical generators amplified by a Tesla Gravity Motor for achieving optical invisibility cloaking of the USS Eldridge.



Oscar Schneider

For this reason, specialized new aircraft and submarine technology was developed by the Department of Naval Intelligence (DNI) with the same core of scientists who conducted the USS Eldridge experiment. Among them was Dr. Oscar Otto Schneider (1905-1993), a young German U-boat captain who sank 27 Allied ships prior to having been captured by the French Navy in ~1934, and later transferred to work for the US Office of Naval Intelligence in 1941. Dr. Schneider worked on the USS Eldridge plasma cloaking experiment and later at the Lockheed Martin 'Skunk Works' on the development of UFO retro-engineered aerospace materials and the advanced EM physics of time variance equations.

Oscar Schneider was trained from a very young age in machining, mathematics and physics, and his strong interest in applying these skills for the US Navy after his transfer allowed him to quickly receive the same rank of Captain in the US Navy that he had previously held in the German Reichsmarine. He later worked on the USS Nautilus submarine development programs.

After the conclusion of World War II Otto Schneider married and started a family in Portland, Oregon. His son Phil Schneider (1947-1996) was born into the US military black projects community and grew up to become a geologist and structural engineer with extensive experience in the excavation and construction of deep underground tunnels and military bases, as well as participating in advanced aerospace metallurgy programs at Area 51 and other black retro-engineering project sites.

Dr. Phil Schneider worked as a private contractor for Los Alamos National Laboratories, Morrison-Knudsen, EG&G, Bechtel, Paige & Paige, Aerospati le France, Fiat, and the Office of Naval Intelligence. His contacts included construction of deep underground military bases at 13 sites in the US, as well as others in Canada, Russia, Vietnam, New Guinea, Saudi Arabia, West Germany, Spain, Italy and Malta. *Schneider cited the total number of deep underground bases throughout the world built by various governments at ~1,480.*

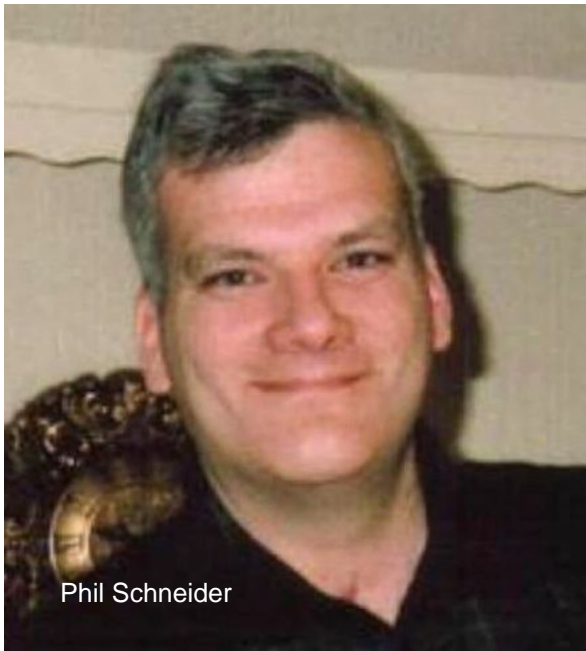
Among the many remarkable events that shaped Phil's life, he spoke convincingly about his nearly fatal engagement in the Dulce firefight of late August, 1979, and was the only communicative one among the 4 geologists who made it out with their lives. Scores of Delta Force operators died in the defining battle of the Dulce Wars, which began earlier. The Dulce base began as a US government project expanding an ancient underground temple for their own purpose. The grey ETs co-opted the new facility and gradually took over operation there before US personnel drilled into the southern part of the Archuleta Mesa base, New Mexico.

Phil was hospitalized with severe burns and radiation poisoning. He recovered by 1981, at which point he began working at Area 51 on metallurgy, which he continued for several years, with access to DNI Area 51, Site S-4 and restricted zone R4808E (nicknamed 'The Box'). Phil worked at the Groom Lake facility for ~11 of his 17 years working in black projects, having access to every top secret military facility in the area.

In a dramatic turn of events, Dr. Schneider joined all 63 UN geologists voluntarily terminating their careers after discovering the United Nations is a world dictatorship body, with deep underground military bases all around the world. One of these in Europe contains *a replica of the New York UN chambers, with additional elevated seating for a delegation of 7'-tall grey ETs who dictate UN policy to member states in every detail.*

By the end of his career, Phil Schneider's salary had grown to \$500,000/year with a \$1,000,000/year pension, which he refused to accept by going public with disturbing information disclosures, knowing his worsening case of bone cancer would not allow him to live a long life. In a few interviews he confided his driving motive to make the disclosures served to protect his own daughter and ex-wife –and the future of humanity now suffering from the severe subversion of basic human rights and moral values on Earth.

The benevolent spiritual alignment demonstrated by the courageous and selfless acts of Philip Schneider, not just at the end of his life but throughout his career in the military black projects, is reminiscent of the deathbed confessions of Nazi espionage agent Otto Skorzeny, relating his assassination of Nikola Tesla.²⁴ In his lecture in Denver, Colorado on August 14, 1995, Dr. Schneider succinctly described specific ET technology incorporated into the F-117A Nighthawk that had been deployed during the 1990-91 Gulf War:



Phil Schneider

In the F-117A, the B2 bomber, [and] maybe the Aurora,... the airframes are predominantly made of alien metals; metals beyond element 109, and metal composites. Some of the skins of [these aircraft] are composed of rubber and carbon fiber, and the airframes are composed of complex carbon fibers mixed with elements such as murinite, which is element 113, which is extremely stable. [Stealth aircraft] have a radar-absorbing material (RAM) –that's the coal-black coating... In a while, I'll get out some alien artifacts for you, some metals and some of the doping or paint that drips off when these aircraft are heated up to a white-hot condition... These are specially hangared, they have to be kept cool. They have to be kept at a temperature of 60°F roughly, when they're not moving.

There's faceting on the edges. The faceting possesses a scalenohedral crystalline form... that predominantly does not occur on planet Earth, and is, once again, an alien technology that has been adapted to terrestrial-type technology. These ideas were first thought of in Soviet Russia, and later they were adapted. They couldn't use that particular kind of thing in the 1970s, so one of their scientists defected and came over here, and started to work directly with Lockheed... Alexei Suvokov...

Paul Bennowitz developed the shape of [the F-117A] aircraft, as well as how the bombs were to be dropped. He was also into other projects through Los Alamos... All the computronics are made by Mitsubishi... The jets were both turbine-, as well as nuclear-powered for extremely high flight... There are some 179 of these [F-117A aircraft] built [as of 1995]. They are building about 1 every other month, or thereabout. They are \$208-million-dollar aircraft... and were originally housed at Nellis Air Force Base, Tonopah Test Range, Site S-4, Groom Lake... These aircraft employ a 3-dimensional radar... which is far superior...

The Aurora [tactical reconnaissance plane], there are 4 of them currently being tested... There are 2 other prototypes that are *small space shuttles capable of speeds in excess of 40,000 miles/hr. Plus, we also employ 29 prototypes of discs, and are successful at piloting those at up to 90,000/hr in the atmosphere without burning up.*

That's doing something, because when you go beyond... Mach 2.7, you ionize the air around it. Because you cause the elements of the air to actually catch fire, you need a forcefield around that system to exceed Mach 3 or Mach 4 without burning up, because you'd be as hot a glowing meteorite coming it about 30,000 or 40,000°F.

Anyway, the Aurora –there's 4 of them flying, day and night, they have 12 people in it as a crew, and they can have a skeleton crew as few as 6. They can basically leave Tonopah Test Range at 7 o'clock in the morning, do a complete loop around Russia and China... take pictures and come back for lunch –that's how rapid it is... These aircrafts are anti-lifting bodies, they are not [built with airfoils like all] conventional winged aircraft... It takes an incredible amount of speed before they are able to take off...

This periodic chart was developed by a number of scientists anonymously. They don't want names revealed. Of course, all we're familiar with [on the standard Periodic Table] is [up to] element 103, and that's been around for a long time. And a couple of these [intervening elements 104 and 105] are made in Russia. These [elements from 106-110] that don't have any name, they're very short-lived indeed... But after, from 111-140, these are elements that were garnered off of alien attack vehicles, or alien spaceships or flying saucers when they were taken apart.



F-117A Nighthawk
Lithium-boron RAM coating

Now [this orange alloy], topaline is here, element 117, and element 125 is murinite, it's a combination of both those—an extremely hard substance capable of withstanding temperatures in excess of 9,500°F to as much as 14,000°F.

This piece of material is, [which] kind of [crystallized] in a fleur-de-lis pattern... is lighter than lithium. Of course, lithium is number 3... on the scale, its a terrestrial element... but this [combination] is somewhere between 2 and 3, between helium and lithium, it also is an alien element. It's what they call an.. admixture element. Its extremely light and it's used in the airframes of black jets –F-117A, B-2 and B-3 or the Aurora series— and it comes in a scalenohedral crystalline form, which is alien. It's kind of a dead giveaway.

Here's a tabular scalenohedral crystalline form 4 times the hardness of a diamond, 4 times the tensile strength, capable of withstanding temperatures in excess of 45,000°F before chemical breakdown. It is used in the... small slit windows that are in the underbellies and the blackened out windows of the actual cockpit, although most of these pilots fly blind. They don't ever see anything from the ground [with their own eyes, but through an in-helmet optical display]. That's also an alien material, and it is element 113 [named *celebium* (Cb)].

109 — 296	110 — 296	111 Pe 292	112 Dk 300	113 Cb 299	114 Ci 302	115 Ab 305	116 Im 305	117 To 306	118 Zi 318	119 Dd 315	120 Rd 314
121 Bo 317	122 Db 319	123 Ro 333	124 It 322	125 Mu 319	126 —	127 Tv 328	128 Tt 328	129 Tr 332	...	139 Ki 348	140 Ct 361

Here is another alien element, formed in the confines of outer space. You might ask what we are space shuttling in all our shuttle missions? Of course, we are being lied to... The same [scalenohedral] crystalline structure is [present in this sample]... This material is the hardness of a diamond. It is also used in the rotor and propeller shafts of propeller aircraft and or rotored aircraft. It's also used in high-speed drills and other kinds of things like that... to make holes in metals that cannot be touched with a welding torch...

And, I have a real treat here. When I was 14 years old, I was with my father [Oscar Otto Schneider] who was talking to a Sir Johnny H. Rollins, who was a British Naval Sea Lord, and he had collected some of the crash retrieval objects at the infamous Roswell crash, and these are actually little bits of the skin [of the craft]... Of course, you remember the skin [was impregnable], you couldn't bend it or cut it or anything.

The way they did this... they dropped liquid nitrogen on it, and they used the hammer technique to shatter it when it became brittle. But, once again, it's composed of nothing but alien elements, which... we are not [presently] able to understand where these particular elements come from—in the skin. It's the thickness of the sheets of paper you're writing on, and that's all that's needed to be meteor-proof and missile-proof and everything else. And these things have crashed, of course, and they have also been shot down—by luck, predominantly, not by skill... [using] a charged-particle beam weapon as well as a reusable railgun.²⁵

The highly specialized scientific data shared by Phil Schneider stands as the greatest dissemination of top secret information hoarded by the US government that has ever been publicly disclosed to the present-day. Schneider identified *murinite* (element 125) as a soft, flexible, orange metal—just as stated in a sci-fi short story by Willard Hawkins entitled 'The Chalice of Circe', published in '*Fantastic Adventures*' in April, 1950:

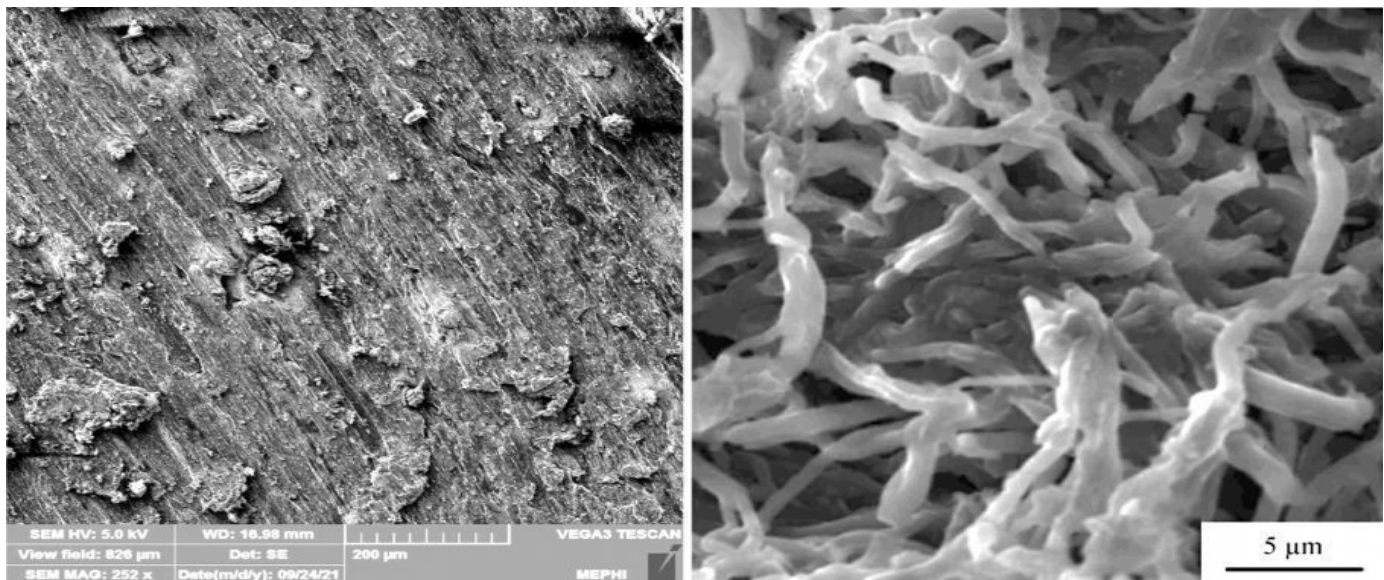
"Something like an ancient doodle-bug," commented Lane. "I don't see—" he paused, recalling that Mary possessed a wrist-band of flexible Ionian murrinite, on which her watch and vibration dials were mounted. The Ionian ambassador, who presented it to her, had declared... it was probably the only bit of that metal worn on the moon.

"It is worth a trial," Gerdlu agreed, when Lane offered the suggestion. "We can readily attune the instrument to that substance. If you wish to accompany me to our vessel—"...²⁶

The same name and physical properties of superheavy element 125 were scripted into a 1950 sci-fi story for the devious purpose of *subverting the actual 1948 discovery of the element during UFO metals analysis*. Information previously shared by Bob Lazar regarding the power source of the disc-shaped spacecraft was confirmed and further expanded upon in the lectures of Phil Schneider given before his murder. Schneider's 1995 version of the 'New Periodic Table of Elements' (above) references superheavy element 115 by the name *algotarium* (Ab), and identifies its most stable isotope as possessing an atomic mass of ~305.2 AU.

Dr. Schneider identified special storage requirements of the F-117A. Lithium batteries have a recommended storage temperature of 15°C or 59°F, confirming the RAM coatings are composed of lithium-based material. A study published in 2023 details the use of Li-B materials for high-temperature plasma facing applications:

Lithium-Boron Composite Material (LBCM) is presented as a plasma-facing material with a lot of promise from the perspective of liquid metal first wall. LBCM consists of ~20 wt% boron and ~80 wt% lithium, arranged in the form of a Li_5B_4 matrix filled with metal lithium, similar to capillary porous systems (CPS) already used as plasma-facing elements... Li from the whole... sample was transported to the area of the highest thermal load were observed.



The LBCM consists of a mesh of lithium boride fibers ~1 μm in diameter and > 50 μm long with the characteristic size of the mesh cell ~(1-5) μm [above, right], filled with metallic lithium [above, left]... The samples of LBCM were subjected to electron beam and He plasma irradiation. Despite heating to > 900°C, the samples maintained mechanical integrity and didn't fully melt. Indications that LBCM can act as a CPS were observed... No evaporation of boron was observed under electron beam irradiation; boron was sputtered by He plasma... One of the possible reasons for this was lack of active pre-heating of the sample and metallic lithium supply. No droplet formation was observed.

Overall, the lithium-boron composite shows promise as a plasma-facing material for fusion devices that make use of liquid lithium systems, as either a supplemental material for classical CPS, or as a PFC for wall areas not expected to receive very high power fluxes.²⁷

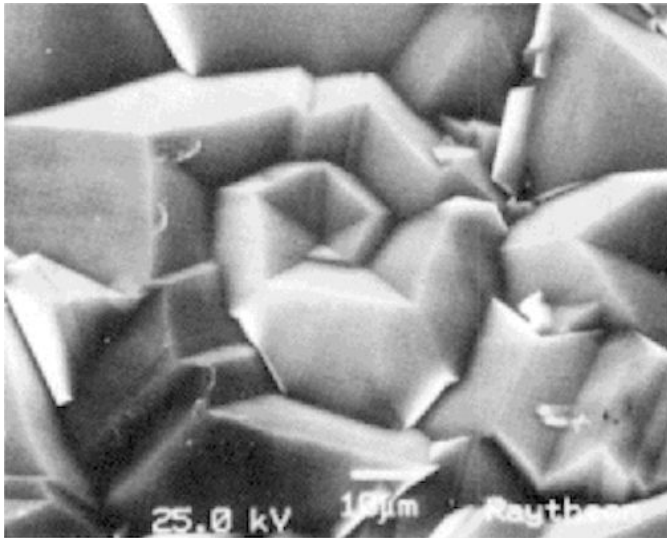
Although the title of this study claims to be the first study on the subject, this is hardly the case. Advanced aerospace materials such as these have been applied by the US military for 4 decades in black-skinned stealth bombers and fighters, exploiting the properties of molten lithium. The coal black color of the RAM coating reflects its composition as a lithium-boron high-temperature plasma facing material designed to efficiently dissipate extreme temperatures generated during supersonic flight.

Schneider described how, after landing, the white-hot glow of the leading edge of the black jets' wings causes liquid lithium "Aurora drops" to drip off the airplanes after long flights. Schneider mentioned a crucial addition to the Li-B plasma-facing coatings responsible for radar-absorption; another filler embedded in the Li-B nanofibers Li composed of *scalenohedral crystals of an admixture alloy of metallic hydrogen and lithium*.

A few discrepancies emerged during Dr. Schneider's lectures concerning specific aspects of the complex data being shared. Inaccurate figures were apparently provided for the proton numbers and atomic masses of superheavy elements like murinite and corbomite that do not match the atomic data provided in his 'New Periodic Table of Elements' hand-out. These minor oversights are the unfortunate results of brain damage received during his life-long career in black operations, as well as not having access to his notes at the time of his lectures due to the difficult circumstances he faced dealing with constant thefts from his home and a series of attempts by US government hitmen to run him off the road when he travelled to lecture venues.

Despite giving inaccurate data regarding superheavy elements, the many unusual explanations provided by Dr. Schneider deserve serious consideration. Detailed information regarding super-light alloys was also shared in Phil's lectures, identifying a special admixture alloy composed of lithium and metallic hydrogen. Extremely high pressurization systems were developed in black projects for infusing high-purity lithium with metallic hydrogen at >577 GPa, thereby producing a *stable room-temperature Li-H superconductor alloy*.²⁸

Despite media publicity falsely attributing the discovery of quasicrystals to Dr. Shechtman in 1982, the *initial findings* regarding quasicrystal phases were made at Lockheed Martin 'Skunk Works' in Burbank, California. SEM images leaked through the press revealed proprietary methods developed by Raytheon Corporation beginning in the 1950s, among many metallurgy studies attempting to replicate UFO crash materials.



The beautiful self-similarity of quasicrystalline structures becomes emphasized where areas of lateral symmetry interlock with asymmetric cells. This type of quasicrystal lattice configuration is not adequately characterized by any researcher teams, and no other examples of such alloys have been published for comparison in contemporary scientific literature. Continuing suppression of information relating to Li-H and all other UFO retro-engineered scalenohedral quasicrystal alloys can only be fully understood in the context of insider information from a geologist who worked on the projects at Lockheed Martin and Los Alamos National Laboratories. Dr. Schneider's data on scalenohedral quasicrystals exactly matches Raytheon SEM images of scalene triangular faces set in spiral configurations (at left).

One of the few online references documenting this research at Raytheon confirms AlCuFe alloys were investigated by deposition on alumina substrates as sputtered nanofilms approximately 10 µm in thickness, some of which were also annealed before comparative analyses were conducted against unfired samples:

The DC electrical resistivity of as-deposited and annealed AlCuFe coatings has been measured using a 4-point probe. The electrical resistivity increases by a factor of 10,... [which] is consistent with a transformation of the coating into the quasicrystalline phase and is in agreement with XRD results.²⁹

Further investigations at Raytheon, Lockheed Martin, Northrup Grumman and other military aerospace black project contractors preceded public disclosure of intrinsic light localization in photonic quasicrystals:

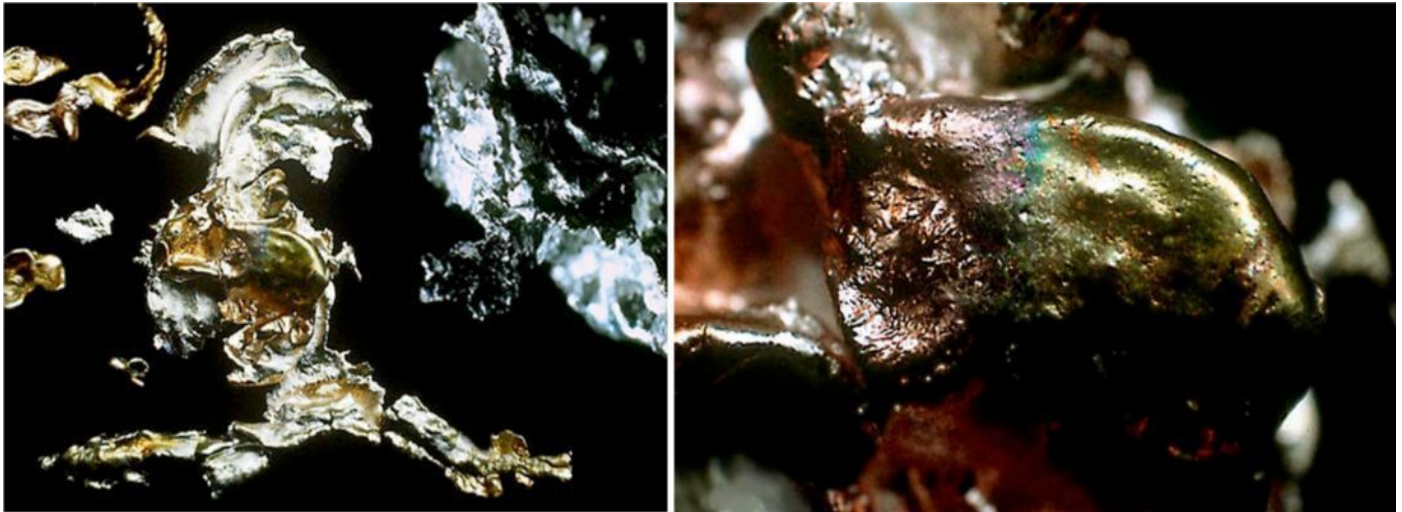
The light localization in defect-free icosahedral quasicrystals has recently been predicted theoretically without experimental verification. Here we report on the fabrication of submicron-size dielectric icosahedral quasicrystals and demonstrate the results of detailed studies of the photonic properties of these structures...

The main reason for localization is the aperiodicity of the icosahedral structure that breaks the perfect Bragg condition of long-range periodic photonic crystals. As a result, light is scattered from individual rods into the entire sphere, and not only along Bragg directions, as in the crystal lattice. This leads to multiple scattering of light inside the quasicrystals, as previously reported based on analysis of experimental data. The first consequence is the glow of the entire sample... The second and most important consequence is a decrease in the mean free path and the intrinsic localization of light. The aperiodicity of quasicrystals turned out to be a mechanism similar to disorder in Anderson localisation. Our results will fill the void in the field of light scattering between ordered and disordered structures and paves the way for a variety of applications in optics...³⁰

Quasicrystalline alloys were also identified in metallurgical analyses of the exotic metal samples of Swiss UFO contactee Eduard Meier, representing various stages for Plejaren beamship manufacturing processes. IBM specialist Dr. Marcel Vogel was amazed to observe the fractal, nanostructured metamaterials *in 1979*. Unique properties closely correspond to modern quasicrystal alloys that exhibit intrinsic light localization, as determined decades later. Vogel put the full weight of his expertise behind his words: "With any technology that I know of, we could not achieve this on this planet! I could not put it together myself, as a scientist..."³¹

After many days of laboratory testing and carefully conducted analyses using state-of-the-art equipment, Dr. Vogel completed a thorough assessment of the beamship metal samples provided by Eduard Meier:

Examination of a non-metallic part of the specimen using polarized light to emphasize certain bi-refringence revealed crystalline structures, which are organized in spiral formations. Under 2000X scanning electron microscopy the six-sided face angles of the crystals were clearly revealed. A photomicrograph picture shot of this revealed unusual clarity indicating unusual conductivity of the electrons illuminating the image. Ordinarily, if they were ordinary non-conducting crystals, like quartz, the electrons would accumulate rapidly on the points of the crystals and form a space charge obscuring the image. The conductivity was so efficient that sub-crystal structures inside the crystals could be actually seen –something unheard of before this. The electrical bonding between the basic crystal elements was so efficient that a clear view through the crystalline latticework revealed a spiral buildup of regularly spaced assembly with contact taking place at the ends of the sub-particles.



There were no gas bubbles. If this were produced in a heat fusion process the picture would be entirely different and a greater mixing of elements would be expected... The following unique properties encountered in examining this specimen make it exotic and very definitely point to an unearthly origin:

- Unusual purity in state of metal examined... with no indication of catalyst or secondary spectrographic lines.
- Unusual number of trace elements ranging from the primary heavy all the way up the scale density in a very uniform curve with no breaks or gaps up to the lightest gaseous elements.
- Strange, very uniform grain pattern with a layer of horizontal grains sandwiched between layers of vertical grains again sandwiched between that and another horizontal grain, etc., in a tight 90° latticework.
- One metal surface showed evidence of an extremely fine mechanical cut, possibly even by laser.
- Association of non-metallic crystals of strange structure and extremely high conductivity for the elements.
- End-to-end formation of bond patterns in the crystal structure and the spiral assembly or stacking of the crystals in the non-metallic substance was unique.
- Some form of non-electrolytic cold synthesis process is very definitely indicated.
- There is some evidence that the synthesis took place in a vacuum.³²

The use of high vacuum was also specified in the Raytheon research on Al-Cu-Fe quasicrystal coatings. Semjase disclosed detailed metallurgical information regarding the manufacturing processes of Plejaren beamship metals during the 45th contact meeting on February 25, 1976 (3 years before they were tested):

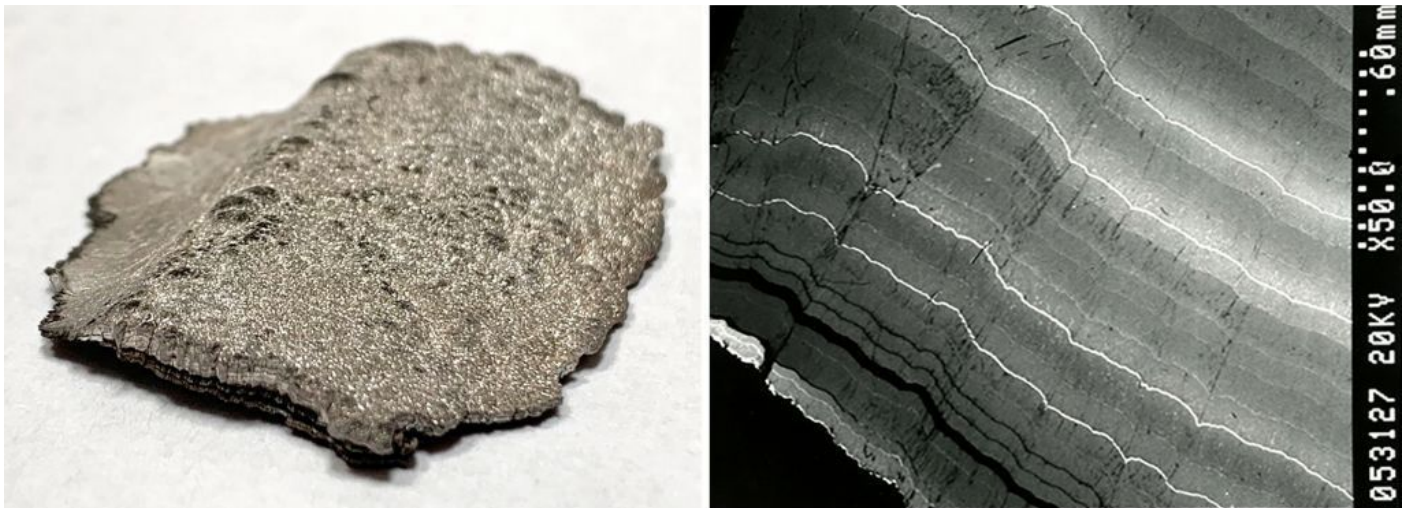
The metal specimens finally delivered to Meier, which they and we had analyzed, consisted of three of the seven states the metal goes through in production and refinement. We had samples of states 3, 4, and 5. The sample of state 3 was mostly lead, with impurities. State 4 was nearly equal parts of silver, copper and lead. State 5 contained silver, copper, nickel, gold, magnesium and other trace elements. We lost our specimens in the hands of testing laboratories before we had finished our analysis. We found traces of stable rhenium and thulium in our specimen tested by Marcel Vogel in his laboratory in San Jose, California. Since our testing in 1979, scientists have found that the addition of rare earth elements like rhenium and thulium produce astounding properties in otherwise basic metals, such as superconductivity, superhardness and supermagnetism, etc.



Plejaren beamship (E. Meier)
Rumlikon, Switzerland - June 14, 1975

Advances in superconductor materials science over the last 40 years provides a new perspective on the beamship metals as *quasicrystal superconductor alloys* composed of all known elements and the many superheavy elements that remain unknown, forming a smooth curve from the lightest through the heaviest.

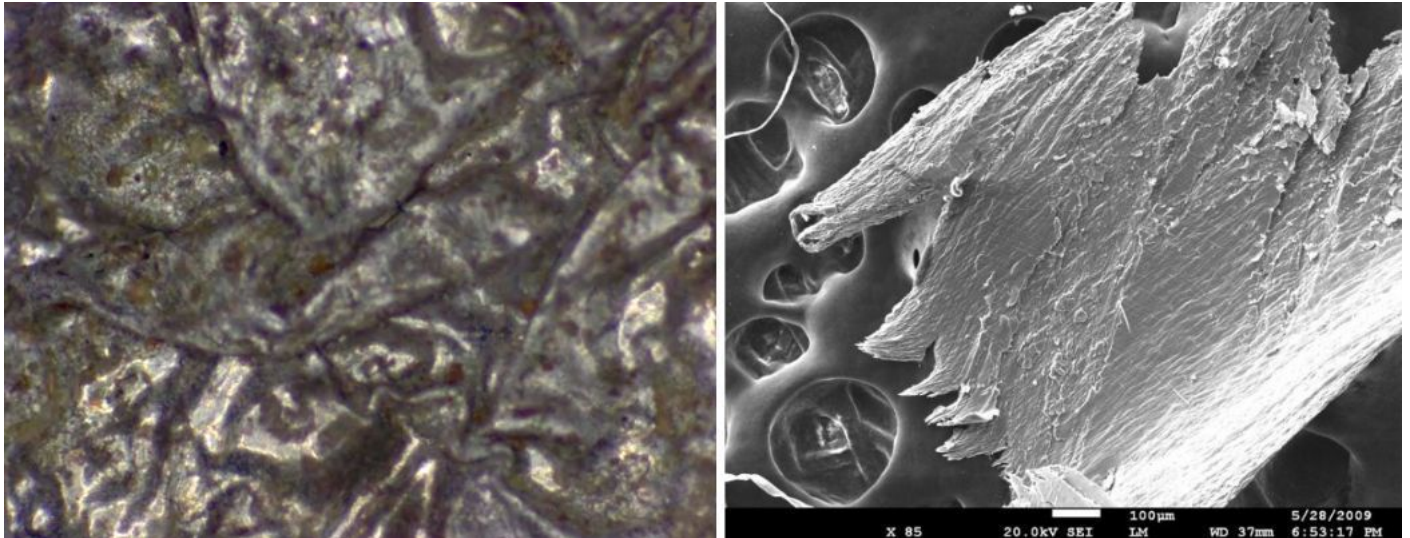
Developments in mathematical modeling related to quasicrystal research have facilitated the creation of a new photonic quasicrystal alloy characterized as a magnesium-zinc-aluminum ternary alloy formed by a specific ratio of these elements presenting an interesting set of prime number relationships: [$Mg_{57}Zn_2Al_1$].



These findings explain the function of bi-layered bismuth-magnesium fragments recovered from the July, 1947 UFO crash at Roswell, New Mexico (above). Bismuth is a high-order topological insulator that allows counter-rotating magnetic fields to be generated in alternating layers of the $Mg_{57}Zn_2Al_1$ superconductor.³³

An entirely different class of room-temperature superconductor alloy was recovered from the UFO crash site witnessed by Gerald Anderson in his childhood; on the Plains of San Augustine, New Mexico. Analyses of thin, wrinkled metal alloy debris recovered by Chuck Wade and his field team during on-site excavations in 2009 yielded amazing results that represent a highly advanced electron-phonon superconductor alloy.

Entirely unknown manufacturing processes have been used in the extraterrestrial production of this highly specialized aerospace alloy, incorporating phonon transmutation products with skewed isotopic ratios, as well as traces of a broad diversity of rare earth elements forming novel alloy components and coatings:



- 1) These samples contain very unusual alloying elements which were not present in aluminum alloys in 1947. If these samples are from an aircraft which crashed in that year, they are very unusual on that basis.
- 2) The coatings on the samples are also unusual because conformal coatings of this type, which are blended with the metal, and rich in silica, titania, magnesia, sulfate, phosphate, and chloride, were almost certainly not available in 1947. The coatings on the samples are also somewhat similar to coatings on implants removed from people claiming alien contact.

Isotopic Ratios of Suitable Elements in Sample W-1

Element	Isotope	Sample Isotopic Abundance (%)	Terrestrial Isotopic Abundance (%)
Antimony	Sb¹²¹	49.58	57.36
	Sb¹²³	50.42	42.64
Copper	Cu⁶³	48.84	69.15
	Cu⁶⁵	51.16	30.85
Nickel	Ni⁵⁸	35.31	68.08
	Ni⁶⁰	32.41	26.23
	Ni⁶¹	ND	1.14
	Ni⁶²	32.28	3.63

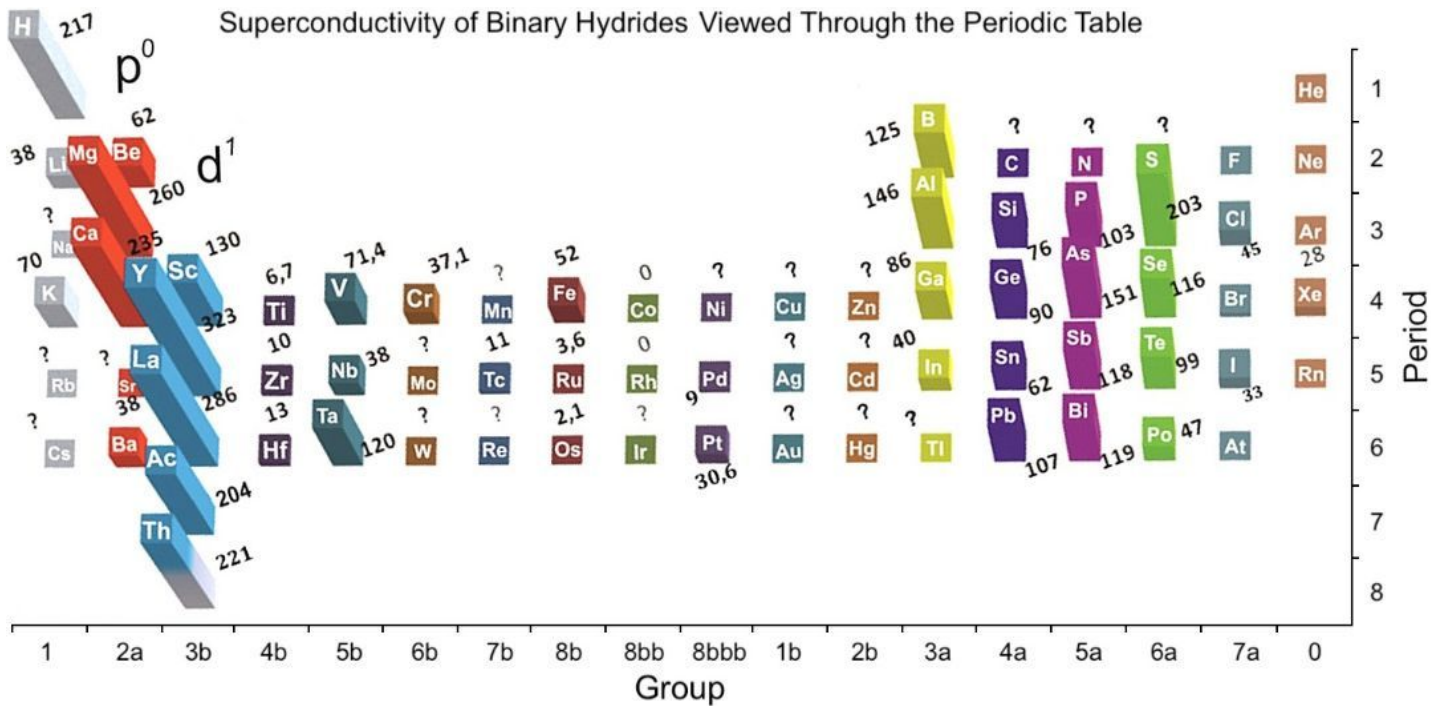
- 3) The carbon nanotube indications observed in the Raman spectra of the samples indicates the possibility that the samples may be “smart metal” materials, which contain carbon nanotubes as electronic components, or to strengthen the materials. Since the mechanical strength of these samples was not unusual, they should be tested for unusual electrical characteristics.
- 4) The isotopic ratios of three elements in sample W-1 (antimony, copper, and nickel) were extremely skewed (seen at left), with respect to the terrestrial ratios for these elements, and there is therefore a high probability that the samples came from an extraterrestrial source. These extremely skewed isotopic results are again reminiscent of those obtained from alleged alien implants, and from an alleged piece of the Roswell crash debris which was analyzed by the late Dr. Russell Vernon-Clark.

- 5) The results of the pendulum test indicate that samples W-1 and W-6 may still be emitting gravitational, or magnetic energy, which greatly increases the probability these samples are nanotechnological “smart metals” and of probable alien origin as well.
- 6) Further microscopic testing should be done on these materials to determine their internal structures. More testing should also be done to determine the existence, extent, and profile of any gravitational, magnetic, or electric fields the samples may be emitting, and their source of energy.⁷

Element	ICP-MS Elemental Composition Results for the San Augustine UFO Crash Debris Samples											
	W-1		W-2		W-3		W-4		W-5		W-6	
	Conc. (ppm)	Det. Limit (ppm)	Conc. (ppm)	Det. Limit (ppm)	Conc. (ppm)	Det. Limit (ppm)	Conc. (ppm)	Det. Limit (ppm)	Conc. (ppm)	Det. Limit (ppm)	Conc. (ppm)	Det. Limit (ppm)
Aluminum	Matrix	NS	Matrix	NS	790000	7	Matrix	NS	Matrix	NS	Matrix	NS
Iron	7600	1	7100	10	8800	7	111000	10	5100	10	4500	0.7
Silicon	26000	6000	25000	10000	2800	50	3000	40	2700	50	1700	20
Calcium	840	10	18000	20	660	10	2200	40	2800	40	64	10
Manganese	120	0.03	5900	0.04	170	0.1	200	0.2	100	0.2	8800	0.03
Magnesium	620	3	1900	4	530	5	850	8	630	9	8800	2
Potassium	1600	10	940	100	350	200	710	300	640	300	ND	80
Titanium	300	2	600	0.8	270	0.3	350	1	290	1	190	0.3
Copper	15	0.09	730	0.6	85	0.7	100	0.3	140	0.3	830	0.2
Phosphorus	290	10	100	40	370	70	640	20	430	20	28	10
Zinc	63	0.3	160	0.4	130	2	170	4	130	5	1200	0.4
Sodium	560	5	270	30	ND	70	ND	200	ND	200	100	60
Vanadium	86	0.2	95	0.4	79	6	99	0.9	78	0.9	89	0.5
Chromium	15	0.3	20	0.2	17	3	20	0.4	9.2	0.5	260	0.1
Barium	56	0.009	71	0.2	27	0.09	48	0.2	75	0.2	4.9	0.05
Nickel	27	0.04	42	0.1	54	0.4	62	0.2	26	0.2	29	0.03
Gallium	31	0.008	26	0.02	38	0.05	39	0.06	22	0.07	32	0.03
Strontium	17	0.02	66	0.1	6.6	0.1	20	0.3	51	0.3	0.50	0.07
Zirconium	23	0.1	25	0.5	9.9	0.08	16	0.7	18	0.7	12	0.08
Lead	6.7	0.05	19	0.1	9.4	0.3	17	0.4	12	0.4	11	0.1
Boron	ND	3	7.8	2	6.4	3	14	3	11	3	ND	3
Cerium	5.7	0.008	2.7	0.02	8.6	0.05	13	0.06	7.6	0.07	1.4	0.03
Tin	1.7	0.04	2.8	0.05	1.7	0.09	2.5	0.4	3.2	0.4	9.1	0.07
Cobalt	5.3	0.01	3.6	0.02	3.2	0.005	3.6	0.007	2.5	0.07	2.0	0.04
Rubidium	7.9	0.008	1.7	0.03	2.0	0.05	3.1	0.4	2.4	0.4	0.23	0.1
Molybdenum	1.2	0.08	2.4	0.3	3.0	0.4	3.9	1	ND	1	6.9	0.7
Lanthanum	2.4	0.04	0.77	0.2	3.9	0.2	4.9	0.9	2.9	0.9	0.73	0.03
Yttrium	1.9	0.01	0.44	0.02	2.4	0.05	5.2	0.2	2.6	0.2	0.38	0.05
Neodymium	1.7	0.008	0.99	0.02	2.2	0.05	4.0	0.06	2.2	0.07	0.33	0.03
Lithium	5.6	0.07	4.4	2	ND	7	ND	8	ND	9	ND	4
Thorium	0.81	0.008	1.8	0.02	1.9	0.7	2.3	0.3	1.4	0.3	0.26	0.03
Uranium	0.83	0.008	3.3	0.02	0.75	0.05	1.2	0.06	1.0	0.07	0.53	0.03
Hafnium	1.3	0.008	2.2	0.02	0.52	0.05	0.69	0.06	0.60	0.07	0.58	0.03
Arsenic	0.64	0.06	ND	2	1.1	0.5	2.1	0.8	1.4	0.9	ND	0.8
Tungsten	0.64	0.07	2.9	0.3	0.47	0.06	ND	2	ND	2	1.0	0.03
Niobium	1.3	0.1	ND	3	0.45	0.05	1.1	0.06	1.1	0.07	0.54	0.03
Gadolinium	0.50	0.008	0.34	0.02	0.81	0.05	1.5	0.06	0.88	0.07	0.12	0.03
Gold	ND	0.07	ND	0.2	ND	0.06	ND	3	ND	3	3.5	0.4
Praseodymium	0.38	0.008	0.22	0.02	0.52	0.05	0.88	0.06	0.51	0.07	0.09	0.03
Dysprosium	0.39	0.008	0.30	0.02	0.54	0.05	1.1	0.06	0.50	0.07	0.10	0.03
Beryllium	0.21	0.008	0.19	0.02	0.59	0.05	0.75	0.06	0.32	0.07	0.41	0.03
Samarium	0.31	0.008	0.20	0.02	0.45	0.05	0.76	0.06	0.40	0.07	0.04	0.03
Bismuth	0.042	0.008	0.34	0.02	0.21	0.05	0.32	0.09	1.1	0.09	ND	0.03
Ytterbium	0.25	0.008	0.20	0.02	0.46	0.1	0.70	0.06	0.32	0.07	0.05	0.03
Erbium	0.23	0.008	0.17	0.02	0.38	0.05	0.63	0.06	0.32	0.07	0.05	0.03
Iodine	0.70	0.2	0.82	0.03	ND	0.1	ND	0.4	ND	0.4	ND	0.1
Cadmium	0.22	0.008	0.10	0.02	0.17	0.05	0.48	0.06	0.28	0.07	0.19	0.04
Cesium	0.57	0.008	ND	0.02	0.44	0.2	0.45	0.3	ND	0.3	ND	0.07
Germanium	1.0	0.05	0.33	0.08	ND	0.6	ND	0.2	ND	0.2	ND	0.04
Silver	ND	0.03	ND	0.1	0.21	0.05	0.17	0.1	0.36	0.1	0.31	0.1
Antimony	0.17	0.05	0.24	0.04	ND	0.3	0.69	0.3	ND	0.3	ND	0.3
Thallium	0.26	0.1	0.51	0.3	0.21	0.1	ND	3	ND	3	ND	0.4
Holmium	0.080	0.008	0.06	0.02	0.09	0.05	0.24	0.06	ND	0.07	ND	0.03
Europium	0.074	0.008	0.05	0.02	0.11	0.05	0.12	0.06	ND	0.07	ND	0.03
Selenium	0.30	0.2	ND	1	ND	3	ND	6	ND	7	ND	3
Thulium	0.036	0.008	0.03	0.02	ND	0.05	0.11	0.06	ND	0.07	ND	0.03
Platinum	ND	0.2	ND	0.6	ND	0.4	ND	0.3	ND	0.3	0.13	0.06
Mercury	ND	0.02	0.11	0.04	ND	0.05	ND	0.8	ND	0.9	ND	0.05

The results from Wade's Plains of San Augustine crash retrieval metals do not match any known alloys, yet show a striking correspondence to novel hydride compounds now being investigated for high-temperature superconductivity. *Trace inclusions of a diversity of rare earth elements impart superconductivity in La-Ba-B-Cu-O compounds³⁴ by eliciting the nonlinear coupling of electron-phonon interactions.³⁵ Admixture of uranium (U) and thorium (Th) γ -emitters serve to significantly raise the critical temperature threshold for superconductivity in lanthanum and actinium hydrides, along with other trace elements recently identified:*

Scientists from Moscow Institute of Physics and Technology and Skoltech (MIPTS) have demonstrated the high-temperature superconductivity of actinium hydrides and discovered a general principle for calculating the superconductivity of hydrides based on the periodic table alone...



Mendeleev table with already investigated binary XH_n , where the numbers are maximum calculated T_c .

A group of chemists [at MIPTS,] led by Artem R. Oganov,... discovered that certain elements capable of forming superconducting compounds are arranged in a specific pattern in the periodic table (above). It was established that high-temperature superconductivity develops in substances containing metal atoms that come close to populating a new electronic subshell. Metal atoms inside the crystal are assumed to become highly sensitive to the positions of the neighboring atoms, which would result in strong electron-phonon interaction, the underlying effect of conventional superconductivity.³⁶

Positive identification of the advantageous properties of various elements possessing electronic subshells represents a major step forward towards a proper characterization of room-temperature superconductors that have been used since ancient times in monumental pyramids, and in modern aerospace applications.

These recent assessments based on electron configurations identify the same group of elements given by Dr. Phil Schneider in his lectures. During the Denver, Colorado lecture on August 14, 1995, Phil held up a piece of paper showing the chemical formula for a *lanthanum-barium-copper-oxide superconductor applied in polymer skins of stealth craft, as well as portable nuclear fusion reactors for onboard power generation.*

Developments in materials science made in the 1960s under secrecy in US government black projects are only now being replicated by public sector researchers, effectively bridging the gap between theoretical predictions and material results. Advancement of novel lanthanum-based superhydrides has shown great potential in progressively raising operating temperatures while simultaneously lowering pressures required for production of superconductor compounds. A close comparison of data from UFO metals and lab studies reveal specific elemental combinations enabling room-temperature electron-phonon superconductivity.



Ferrite geopolymer melt
Panther Beach, California

The UFO alloy coating's exotic trace metal composition corresponds closely to ferrite geopolymer samples obtained from large metallic oxide veins running through the limestone bedrock encompassing the Orion Pyramid Complex at Giza, Egypt. Analyses of siliceous geopolymer samples obtained from water channels flanking the Central Pyramid causeway temple showed primarily Na, Si, Al, and Fe with oxide traces (g/t):

Be	Sc	V	Cr	Co	Ni	Cu	Zn	Ga	Rb	Sr	Y	Zr	Nb	Mo	Cs	Ba	La
2.52	1.25	267.92	50.17	91.07	186.76	1.73	291.18	1.88	1.76	191.94	213.56	4.03	0.49	11.25	0.09	200.98	77.02
Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Pb	Th	U	
204.76	19.27	98.49	21.23	6.03	36.83	4.91	32.45	6.49	19.49	2.31	14.92	2.08	0.52	0.74	0.29	57.27	

The similar combination of rare earth elements with a variety of radioisotopes is observed of melted cliffs overlooking Panther Beach (above), on the California coast near Santa Cruz. Virtually identical melted rock formations have been previously identified by this author at Baiging, China; Yelhiu, Taiwan; Sete Cidades, Brazil; and Cabo San Lucas in Baja, Mexico. Samples of metallic oxide pipes from the Baigong Caves in Qinghai, China were thermoluminescence dated to ~150,000 bp, *with 8% of the sample being unidentified*.

Decades of physics research and archeological investigation confirm the unity and sophistication of ancient cultures in every region of the world. Their collective participation in the high technological and spiritual achievements of the Atlantean psychoacoustic civilization enabled monumental constructions of pyramids and megalithic temples in a global mandala distribution pattern based on the quadratic equation $[z_{n+1} = z_n^2]$. Selective geometric augmentation of the natural landscape by planar refaçading of ridges, hillsides and mountainsides was undertaken by scores of generations of Atlantean temple builders at focal points of planetary infrasound resonance, representing an abundance of ferrite metamaterials that deserve study.

Among the most unusual samples of physical trace evidence recovered in the wake of UFO sightings are airborne, silk-like, elastic polymer fibers called *'angel hair'* that can fall to the ground over large areas. Once deposited, the strands liquefy into gelatinous clumps –called *'star jelly'*– before sublimating without a trace:

It is interesting that in multiple cases, widespread in time and location, the same elements were detected: silicon, calcium, magnesium, and boron. Angel hair has been called borosilicate glass due to these constituents.

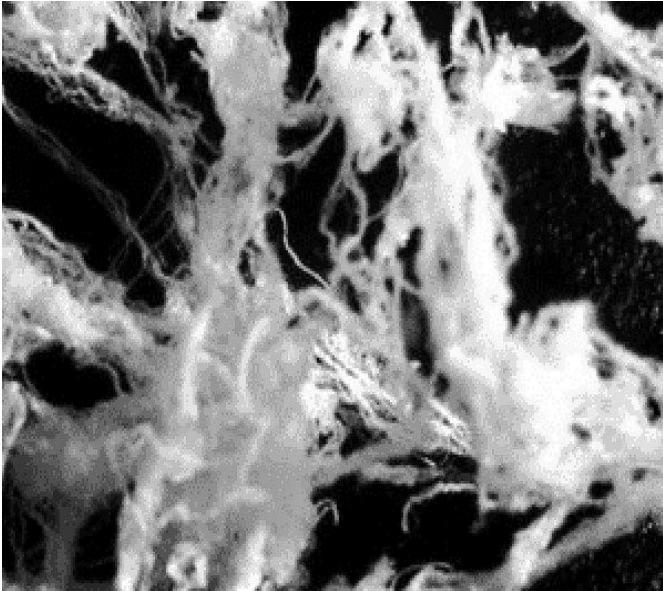


- October 1953, Victoria, Australia. "...a sample was recovered and made available for laboratory analysis. The examination revealed that the substance consisted of a nylon-like amorphous mass with traces of magnesium, calcium, boron and silicon. Since then the original material, which was kept in an air-tight container shrank from three to a mere half-inch without residue."
- October 27, 1954, Florence, Italy. "Engineering student Alfredo Jacopozzi collected samples in a jar and took it to Professor Cozzi at the Institute of Chemistry at the University of Florence for analysis... The substance contained such known elements as boron, silicon, magnesium and calcium."
- January 17, 1963, Entre Ríos province, Argentina. "...a formation passed over Entre Ríos, and observers recovered vitreous particles that had fallen... These particles were found to be an amalgam of silicon, boron, calcium, and magnesium, just the same as has been found in similar circumstances in other parts of the world."

While silicon, calcium, and magnesium are common elements in the Earth's crust, boron is not. It constitutes only 3-10 parts per million of the crust, making it relatively rare. Why it should turn up in these samples from 3 different continents years apart is unknown. Boron absorbs neutrons and is used to shield and control nuclear reactions, adding to the speculation that angel hair is a by-product of a nuclear propulsion system.

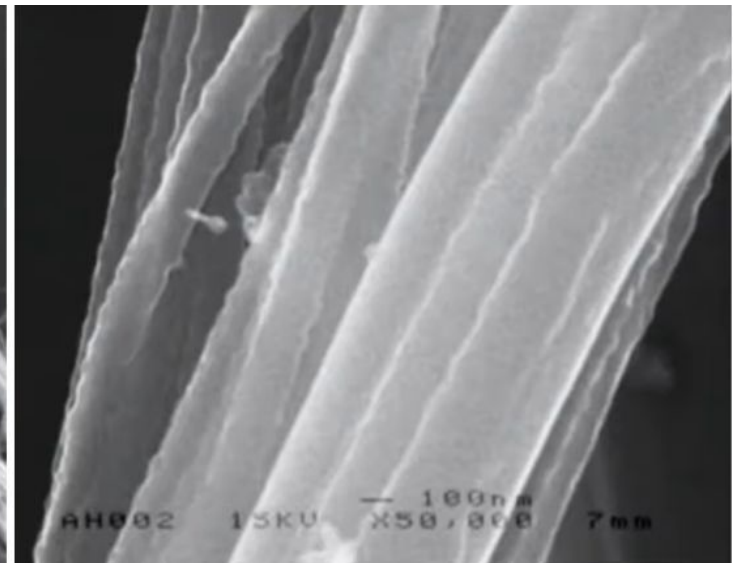
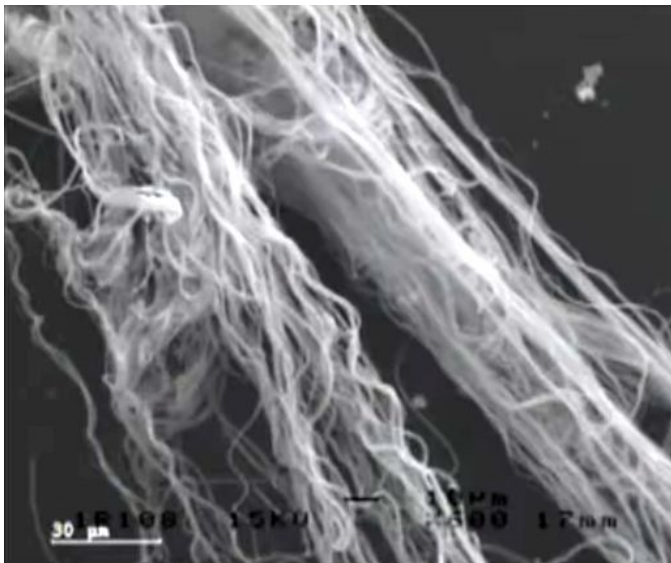
An interesting aside involves J. Allen Hynek's infamous March 1966 "swamp gas" case at Hillsdale College, Michigan. Analysis of the landing site showed radiation levels higher than the surrounding area, and the ground was contaminated with boron.

Other elements found in angel hair include potassium, silicon, calcium, phosphorus, aluminum, oxygen, chlorine, iron, sulphur, manganese, potassium, sodium, zinc, lanthanum, cesium, and tritium. The tritium content is particularly interesting. It was found in an angel hair sample recovered in Sonora, California, on October 12, 1976. Tritium is a radioactive isotope of hydrogen, and is rare in nature. Tritium gas is used to boost the yield of nuclear warheads; to obtain tritium in any appreciable amount it must be man-made in nuclear reactors or particle accelerators. What this stuff was doing in angel hair is open to speculation...



In particular, a possible explanation for radioactive angel hair may be nuclear testing. For instance, on February 21, 1955, white, fibrous angel hair covered a half-square mile in Horseheads, New York (see clipping on the next page, source unknown). It was described as “badly damaged” radioactive cotton fiber that was impregnated with dirt, had no odor, did not burn rapidly, and was rapidly disintegrating and disappearing...

There are numerous cases in the literature where angel hair was not even examined, it was just assumed to be spider web. A classic example of this occurred on October 8, 1969, in St. Louis, Missouri, when a vast area covering most of the city was blanketed by a pure white, sticky substance ranging from dime-size to 10-foot long streamers. The majority of it sublimated on ground contact...



The most obvious problem with doing any analysis is that angel hair is known to sublime, sometimes within minutes, making an analysis impossible unless a sample is stored in an airtight container. In that case, gas chromatography can be used if the container is kept sealed. As in Quirindi, there are other cases where witnesses have added additional web material at a later time, after the original sample sublimates. This leads to the conclusion that the substance is spider web, sometimes with “contaminants.”

Conversely, if true angel hair landed on spider web, and then both were collected together, the same result could occur. This may have happened with a sample collected in Midway, Texas, on October 23, 1973. This sample was analyzed by students at the University of Texas, Austin, and found to be consistent with... the mass-type three-dimensional web... However, the sample did have some unusual constituents, including zinc and the rare-earth element lanthanum, which are never web constituents...

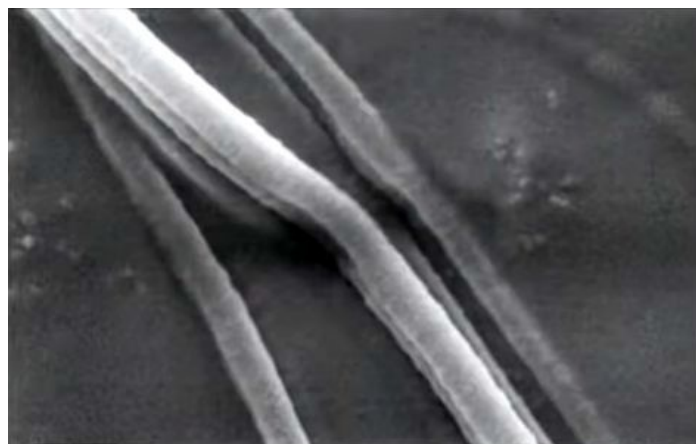
We now have a contemporary analysis that can shed light on the molecular composition of angel hair. Phyllis Budinger of Frontier Analysis Ltd., a very skilled analytical scientist with the capability to do Fourier Transform Infrared Spectrometry (FT-IR) with a Nicolet Avatar 360 spectrometer, and Gas Chromatography/Mass Spectrometry (GC/MS), completed this work. Here are her results from a sample recovered in Sacramento, California, on November 11, 1999:

The "angel hair" consists of fibrous material with protein amide type linkages showing it is from an animal/biological source. The data (FT-IR) compare closest to references of silk. It is definitely not from cobwebs. The fibers also have small amounts of an ester type material and other components on the surface. An attempt is in progress to further identify them. There are also volatiles associated with the angel hair. So far light branched hydrocarbons have been identified (GC/MS). Another test is being done (FT-IR over time) to determine if there are other volatiles. Some current spectra indicate there are.



They consisted of: 2-methyl-propane; 2-methyl-1-propene; 2-methyl-1-butene; 2-methyl-pentane; 3-methyl-pentane; hexane; dimethyl-pentane; two C_6H_{12} (molecular weight = 84) hydrocarbon structures (specific isomers unidentified); one C_8H_{16} hydrocarbon (molecular weight = 112) (specific isomer unidentified). Also indicated are carbonyl sulfide (COS) and carbon disulfide (CS₂). There are possibly heavier hydrocarbons present such as two $C_{20}H_{42}$ components and a $C_{23}H_{43}$ component.

This sample compares with FT-IR spectra in other samples that Budinger has examined, and there is no question of the composition. It is positively identified as containing secondary amide linkages similar to protein, and compares closely to silk. This would seem to add ammunition to the spider web theory, but the seemingly biological origin by no means proves this. Also, the addition of volatiles seems to contradict the spider theory, and may explain sublimation. Moreover, Budinger believes this is not [naturally-formed spider] web material.³⁷



Angel hair 300um 5kV 19.89kV Signal A = SE2 Date: 14 Apr 1999
WD = 5mm Photo No. = 509 Time: 10:41
Mag = 51.31 K X



Angel hair 300um 5kV 5.00kV Signal A = SE2 Date: 14 Apr 1999
WD = 4mm Photo No. = 573 Time: 13:48
Mag = 51.20 K X

The relative consistency of analytical results obtained over the last 8 decades –*through the combined efforts of several different laboratories testing a wide variety of samples collected at various times and places in various regions of the world*– strongly evinces the synthetic origin of ‘angel hair’ and ‘star jelly’ compounds. The amide protein-like linkages in angel hair bind together exotic constituent elements to form a *volatile superconductor polymer* utilized by spacecraft for atmospheric EM modification applications.

It can be reasonably surmised that synthetic polymer superconductors of this type are extruded from UFOs during aerial displays to generate visual effects of glowing tentacles hanging down from glowing craft, or agglomerated around a cluster of glowing craft –giving the impression of a rotating luminous cocoon. Many videos of this type of anomalous aerial activity have been recorded in both daytime and nighttime settings. A growing body of physical trace evidence has been collected in association with bizarre UFO displays that include deceptive aerial behaviors which mimic the odd appearance of deep-sea bioluminescent organisms.

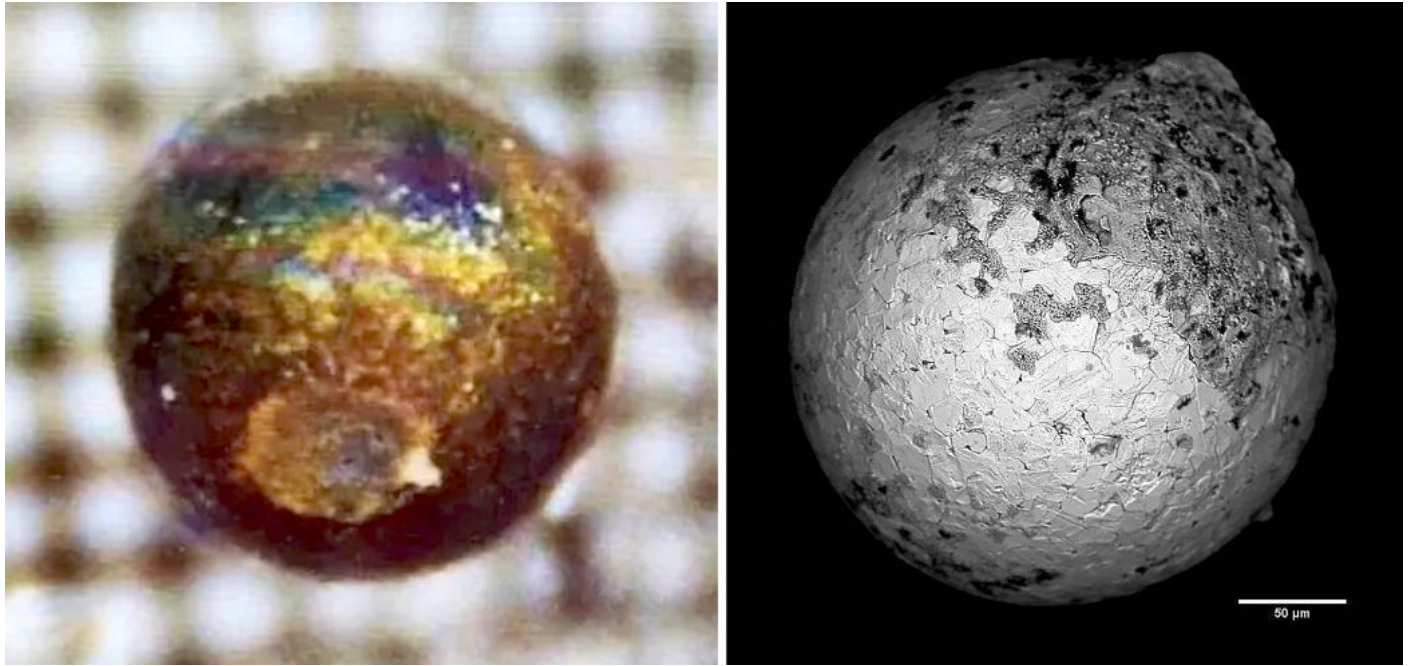


Daylight photographs were taken to document jellyfish-like UFO sightings over populated areas in different regions of the world. One such event was recorded in the sky above Mexico City airport on March 1, 2021 (above, left). Another UFO with long flowing tentacles was observed by hundreds of eyewitnesses on March 9, 2020 hovering over Sao Paolo, Brazil (above, center). Quite a similar UFO appeared in the skies above Dos Palos, California in July of 2012, dazzling onlookers with a brightly glowing and flashing mass of long tentacles hanging down below it (above, right). The top of this spherical craft glowed an emerald green.

Silent aerial activities taking place just above the current residence of this author in 2020 would have gone entirely unnoticed were it not for the discovery of *long stands of angel that had fallen across a neighbor’s front lawn and hung from cars parked on the roadside*. Efforts to collect samples were not quick enough.

The surprising ubiquity of these curious types of UFO displays and the strange, radioactive residues they often leave behind are concealed from the general public by their rapid sublimation in warm temperatures. The intensity of radioactive emissions given off by the synthetic, silk-like polymer fibers and their effect on the human body by direct skin contact have not been yet documented in publicly available research.

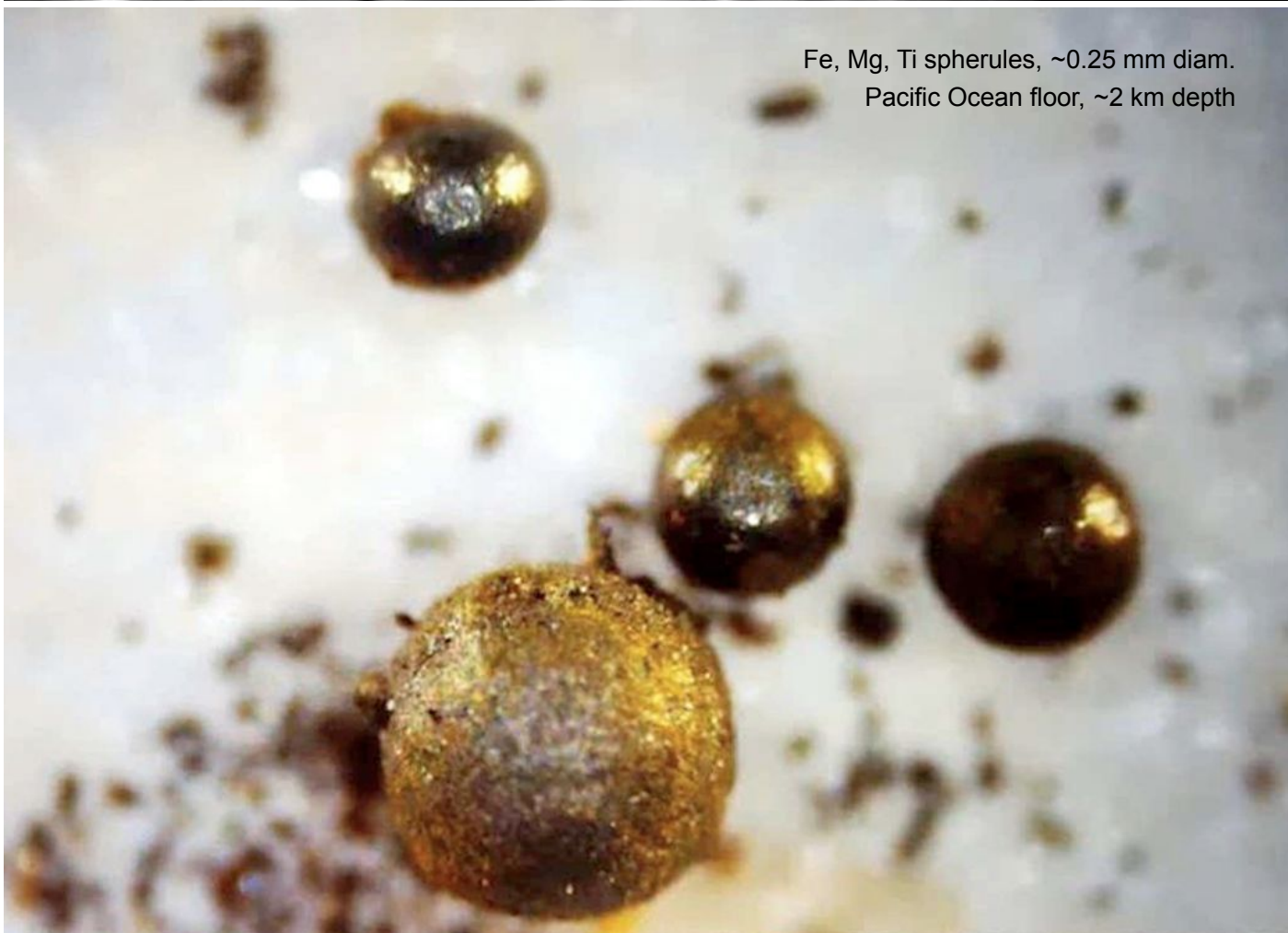
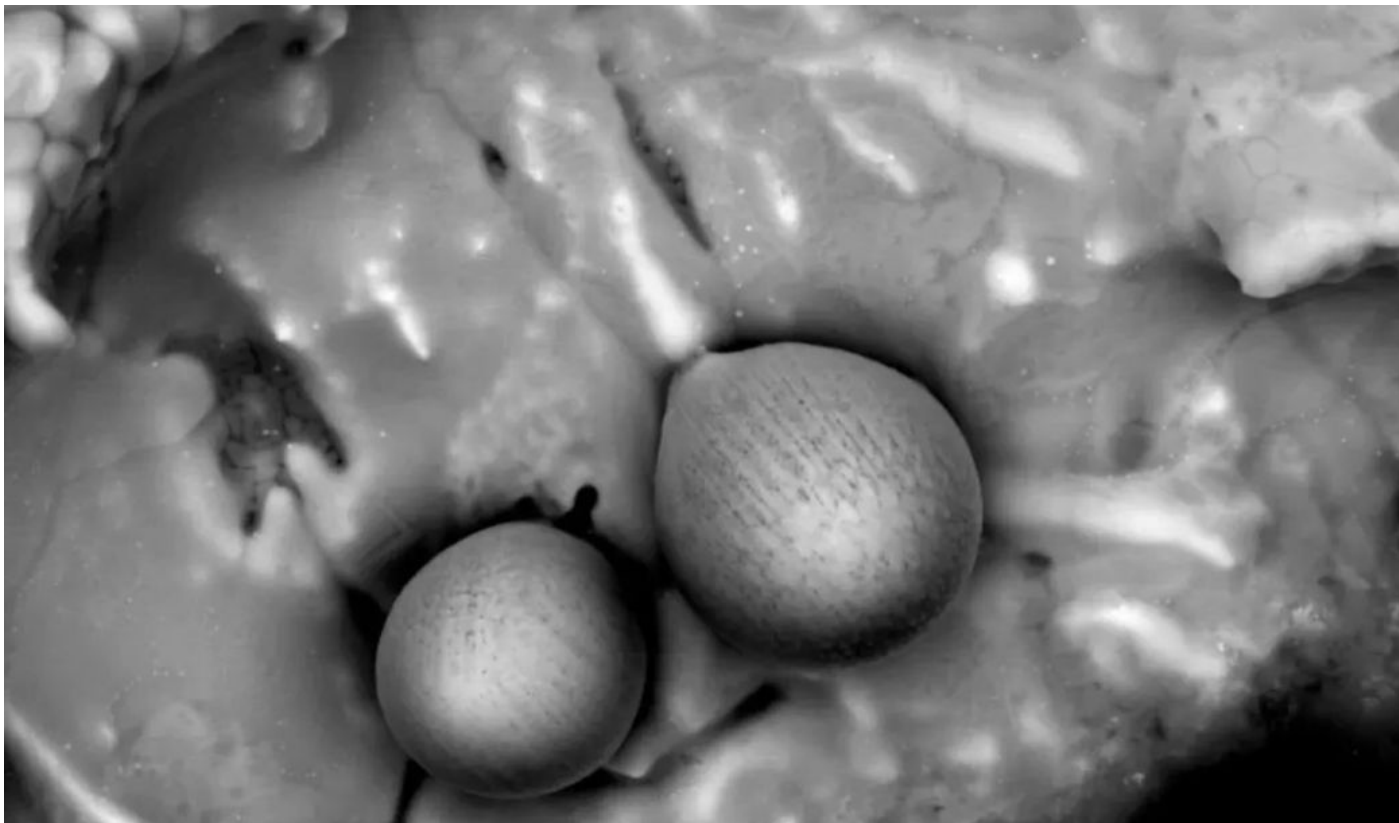
In June of 2023, Dr. Avi Loeb and researchers at the Galileo Project³⁸ recovered quite anomalous meteoric materials from the seafloor off Papua New Guinea, which fall outside the accepted values for any known objects within our solar system. The oceanic search area was targeted for recovery of meteoric debris associated with the low-altitude break-up of CNEOS 2014-01-08 (IM1) bolide. The meteor’s Earth-bound trajectory, high velocity and high density present several unusual features that cannot be easily dismissed. The initial conclusions presented by the group in their first publication have not taken into consideration the existence of similar man-made composite materials that possess superconductivity at room temperature.



Many examples of similar, exotic metamaterials have been found on Earth –in the context of archeological discoveries and modern-day UFO crash retrievals. Fe, Mg, Ti spherules measuring ~0.25 mm in diameter, a few embedded in Fe oxide aggregates, were recovered from depths of 1.5-2.2 km. Analyses of 57 of ~700 specimens showed “magnetite exteriors with some external and internal dendritic and plate structures, along with various phases and morphology of wustite intergrowths, and complex oxide-alloy interfaces”.



Trace elemental analysis revealed an unusually high content of *beryllium*, *lanthanum* and *uranium* in 5 of 47 spherules that most likely represent remnants of manufactured aerospace equipment destroyed during a long cosmic journey to Earth. This exotic composition matches a portion of the composition of ferrite superconductor composites cast as *geopolymer veins in the pyramids of Giza, Egypt*, and as *aerospace gravity control alloys* recovered from the 1947 UFO crash on the Plains of San Augustine, New Mexico.



Fe, Mg, Ti spherules, ~0.25 mm diam.
Pacific Ocean floor, ~2 km depth

Spectrographic analyses of hundreds of spherules collected by Loeb's team are still in progress, promising to provide more data for comparison with the similar composition of exotic superconductor materials. These metamaterials includes 'angel hair' amide polymers extruded from UFOs, quasicrystal alloys obtained from UFO crashes, meteoric debris and ET visitors; and ferrite geopolymers excavated in archeological contexts.

The groundbreaking 2023 research of the Galileo Project has successfully documented the recovery of traces of metallic debris *of ET origin in the public domain and with the tacit support of publication in major research journals*. Retrieval projects of this kind have certainly been conducted on a regular basis by virtually every government on our planet for several decades now, yet kept under a policy of strict secrecy under funding from black budget operations in coordination with the US government –in a majority of cases.

Resonant phonon transmutation research by US Navy laboratories began after demonstrations of a steam-driven 'Force Engine' process by British chemist Dr. Stephen Emmens was verified by technicians in 1897:

Early in 1897, British chemist Stephen H. Emmens, then residing in New York, announced the discovery of a new element which fills the "vacant space existing in the sub-group of Group I", and which he thought to be the intermediate matter from which silver and gold are formed.

Dr. Emmens said: "Our claim is that the element in question is therefore neither silver nor gold, but which may, by our new physical methods, be converted into gold... We do not consume any chemicals or other costly materials in our process; what we use is mainly energy in some of its various forms, such as heat, electricity, magnetism, gravity, cohesion, chemical affinity, x-rays and the like... Our chief source of expense is the time required for bringing about the desired molecular changes... One ounce of silver will produce $\frac{3}{4}$ of an ounce of gold..."

Herbert Fyfe reported that Dr. Emmens' process comprised five stages: 1) mechanical treatment; 2) fluxing and granulation; 3) mechanical treatment; 4) treatment with a "modified nitric acid", and 5) refining. Dr. Emmens said: "I regard the mechanical treatment as the *causa causans*. The fluxing and granulation serve, I think, merely to render the molecular aggregate susceptible of displacement and rearrangement."

The mechanical treatment was accomplished by means of Dr. Emmens' "Force Engine", which exerted pressures in excess of 500 tons/in² at very low temperatures. Step 4, using "modified nitric acid", contradicts the statement made elsewhere, that "we do not consume any chemicals... in our process."

Dr. Emmens included a sample of Argentaurum and these instructions in a letter (21 May, 1897) to Sir William Crookes: "Take a Mexican dollar and dispose it in an apparatus which will prevent expansion or flow. Then subject it to heavy, rapid, and continuous beating under conditions of cold such as to prevent even a temporary rise of temperature when the blows are struck. Test the material from hour to hour, and at length you will find more than the trace (less than one part in 10,000) of gold which the dollar originally contained."

Sir Crookes was unable to replicate the experiment to his satisfaction. He reported: "A specimen of Argentaurum sent me by Dr. Emmens has been examined with the spectrograph. It consists of gold with a fair proportion of silver and a little copper. No lines belonging to any other known elements, and no unknown lines, were detected." This analysis resembles that of ordinary bullion gold, which contains silver and copper to make it harder and more fusible than pure gold.

In a rejoinder, Dr. Emmens noted: "I have received a letter from a very eminent Fellow of the Royal Society informing me that he has performed the crucial experiment suggested in my letter of May 21, 1897, to Sir William Crookes. The gold contained in the Mexican dollar after 40 hours of intense cold and continuous hammering was found to be 20.9% more than the quantity of gold contained in the same dollar before the test."...

Dr. Emmens was issued several U.S. Patents for inventions; at least two of them may be related to his process: #501,996 (25 July 1893), Electrolytic bath; and #501,997 (25 July 1893), Apparatus for Electrolytic Extraction of Metals. Dr. Emmens' Force Engine produced hammering pressures in excess of 500 tons/in² at very low temperatures. These effects can be achieved by a variety of modern methods.³⁹

The great simplicity of the methods employed by Dr. Emmens have astonished many researchers over the century since his preliminary work on atomic transmutation of metals. The cold, mechanical pressurization of Ag facilitates gas absorption from the air, before being heated with Al traces, inducing phonon frequency matching for conversion into Au after cooling below 309°C. Dr. Emmens eventually sold >600 oz of gold to the US Navy, as well as his invention of high-explosive chemical formulations before his death in ~1901.

The 1898 discovery of *radium* found immediate application in the field of alchemical transmutation, which became accelerated by renewed institutional interest in the subject. Industrial production of uranium mining was paralleled by rapid developments in theoretic physics pertaining to atomic dimensions and thermal expansion coefficients. Decades of experimental trials were assessed to determine the crucial dimensional relationships enabling atomic conversion, inspiring the concise formulaic solution for *phonon resonance*.

Prior to World War II, geologist Walter Lussage worked for the government of Czechoslovakia on secret atomic physics projects related to transmutation of metals, of which much was known from the medieval roots of European alchemy kept by the Rosicrucian Order. Uranium mines in both western and eastern regions of the country drew alchemists from afar, including Antonio de Medici, teacher of Johannes of Laaz:

During the postwar period of World War II, a Czechoslovakian geologist, Dr. Walter Lussage, took haven in a boarding house operated by the Kellers' in Washington. During his residence with the Kellers', he continued to assert his knowledge in the field of alchemy by accomplishing minor experiments with Jack's assistance.

During the time Dr. Lussage was conducting experiments with Jack, he was gaining tenure at the University of Washington. Within the University, Dr. Lussage became associated with Doctors Becker, T. Miller, and J. Miller. This group formed an unusual combination, for Dr. Becker and Dr. T. Miller were chemists and Dr. Janice Miller was a physicist. This group was commissioned by Mr. Victor Denny to develop a recovery process for microfine gold associated with geological deposits of a micaceous schist located near Cle Elum, Washington. The project, totally financed by Mr. Denny, was successful and gained immediate rewards for the group...

However, I think it of importance to note that there is no question as to the 'founder' or 'discoverer' of the technology, as it is related to this group, was Dr. Lussage. Dr. Lussage, deceased in 1977, left no trace to the legacy of his knowledge. I have no idea who may have passed the information to him, or, if he acquired it strictly upon his own. Due to the lack of computerized records and the destruction of accounts by the War, I was unable to make any progress into the European past of Dr. Lussage.⁴⁰

In the aftermath of WWII, Dr. Walter Lussage was transferred to the US, where he eventually continued his alchemy work in black projects for the government. All records regarding Dr. Walter Lussage were expunged from census data. There are no records pertaining to his research projects at the University of Washington's Geology Department. These facts suggest Lussage transferred into secret underground alchemy research.

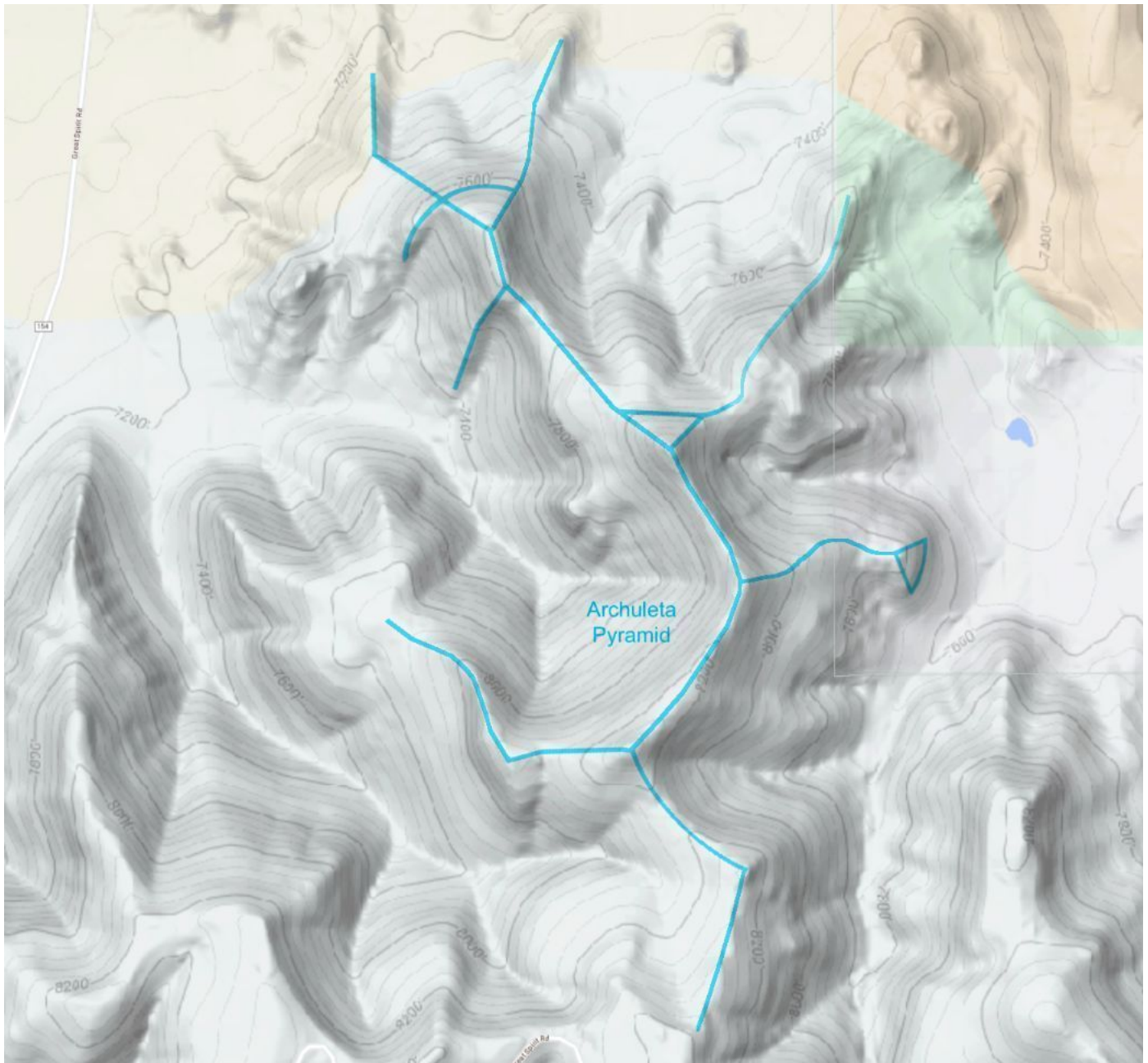
Proximity of the Seattle campus of the University of Washington to world-class aerospace research facilities at both Boeing (9 miles away) and Lockheed Martin (20 miles away) strongly suggests Dr. Lussage's work proceeded in secrecy under contracts with one or both of these military-industrial contractor companies.

Following from the early alchemy successes of Dr. Emmens at the turn of the century, physics principles enabling phonon transmutation alchemy were already quite well developed within secret US government projects prior to the 1960s. One can surmise that Lussage was given an invitation he could not refuse; and signed a non-disclosure agreement to accept a long-term research contract with one of the aerospace firms.

Phonon alchemy processes were not known to Dr. Phil Schneider. When asked about *where* the exotic super-lightweight and superheavy metal alloys were produced, he directly identified the underground base below Archuleta Mesa near Dulce, New Mexico. It is claimed that genetic experiments involving cloning, animal-human and ET-human hybridization are conducted in the lowest of 7 levels comprising Dulce base. Top level security clearances are only issued for access by resident laboratory technicians working on 'cosmic top secret' metallurgy or genetic engineering projects. Was Dr. Walter Lussage among those top phonon transmutation experts also hired into covert alchemy projects at Dulce underground base?

Schneider recounts his nearly fatal encounter with tall grey ETs in the southern extension of the Dulce base, which began with mutual shock and quickly escalated to a live-fire confrontation. He did not hesitate to open fire, killing 2 of the tall greys before being struck in the hand and chest by a charged-particle beam weapon. Schneider lost 3 fingers on his left hand and received severe burns and lethal radiation exposure.

Those tragic events of August 1979, often referred to as the 'Dulce Wars', were purposefully instigated by the US government with full knowledge of the hazardous circumstances and without providing warnings to the geology team and military personnel, of which a total of 66 Delta forces men lost their lives underground.



Archuleta Pyramid, Colorado (37.0445414°N, 107.0060806°W, above) is directly linked to the underground UFO base at Dulce, New Mexico, located 7,086 miles from the Great Pyramid of present-day Giza, Egypt. This resonant distance interval comprises 28.47% of Earth's mean circumference ($^{57}/_{200}$), ensuring efficient reception of infrasound standing wave resonance focused by the Orion Pyramid Complex. Exact placement of the ancient temple complex at 37° North latitude further enhances energetic focusing onsite.

Abduction attempts made by UFOs using plasma levitation beams were reported by Geri Julian of the Jicarilla Apache Reservation on the Navajo River just south of Archuleta Mesa.³⁹ Geri reports that the UFOs enter and exit an underground base built into the mesa using a vertical borehole located on the northern side of the mesa, in the exact area where ancient geopolymer pyramids are found.

A Paleo-Sanskrit votive placename, 'Archuleta' is composed of 5 hieroglyphs, together reading: **ar ch u le ta**, meaning "Son (of the) promising, oh, (of) beholding (the) endowing". This sacred name has been preserved for many thousands of years, and makes a spiritual reference to the psychoacoustic effects of the pyramid chambers that were applied for genetic purification through traditional Atlantean waterbirthing practices.

Dr. Phil Schneider and other eyewitnesses have described large metal vats in the lower levels of Dulce underground base, containing various body parts and organs somehow being kept alive by suspension in liquid blood. During lectures in 1995, Schneider expressed his surprise at the crimson, fluid state of the blood in the vats that was being stored without any coagulation occurring.

The same exquisite state of bodily preservation is also observed in ancient Atlantean mummies reported to exist within the ancient funerary halls of Numa Pyramid in the Black Rock Desert of Nevada and Shin-Au-Av subterranean city below the Paiute Mountains of Death Valley, California. This ancient technological achievement that enables the complete biophotonic preservation of dead bodies is enabled by application of chemically inert γ -ray emitters –*radium sulfide (RaS)* and *moscovium sulfide (McS)*– activating a blend of ingested photoluminescent bhasma compounds providing illumination within the cells of the human body.

This fact indicates that DNA repair processes are still taking place within the living cells of the harvested organs and volumes of decontaminated blood, otherwise they would certainly be rendered unusable for future implantations. These highly advanced biophotonic applications apply atomic decay processes for production of vital forces within the living cells, which are also maintained by exposure to bioelectrical stimulation transduced from infrasound standing wave resonance focused onto the site by the pyramids.

‘Ufologist’ John Lear directly states what many have long surmised, that Hollywood sci-fi films are cleverly scripted as part of a much broader CIA black projects cover-up program designed to denigrate the subject as pure fantasy, while simultaneously framing the narrative that can be used to ridicule and question the sanity of any scientist who dared to go public with information concerning synthetic elements and ET craft:

George Knapp: You believe, in part, that the movies ‘ET’ and ‘Close Encounters of the Third Kind’ were not entirely just the creative products of some Hollywood director, but maybe there’s more to them. Why don’t you explain.

John Lear: They were carefully guided by representatives from MJ-12, which is this organization that is in charge of the cover-up, in order to get us ready for the release of the information that there are, indeed, aliens. And in both those movies they used small little creatures in order to get us ready for this release of information.

Knapp: So, to prepare us [to accept] the idea of benevolent aliens from outer space that are going to help us out.

Lear: Unfortunately, they are not so benevolent. So, they probably made one of the most disastrous mistakes when ‘ET’ was put out...⁴¹

John Lear’s clear initial remarks concerning the UFO cover-up being orchestrated by MJ-12 directly confirms the false Hollywood ET film narratives as counter-intelligence operations designed to disinform the public while continuing for decades to withhold and deny the existence of all relevant information.

Clearly, Lear’s conclusion does not follow logically from his truthful initial statements, instead he contradicts himself by describing the false narrative as a ‘most disastrous mistake’. The same old excuse for repeated subversive actions, as ‘accidental’ outcomes due to incompetence, has worn quite thin over the decades.

Hours and hours of nationally syndicated radio and television air-time has been dedicated to repeating the half-baked claims of disinformation artists such as John Lear and Bob Lazar, who have apparently lost track of their own lies to the point of revealing what was to be hidden. Is it part of a cover-up or just a mistake?

It’s certainly a failing cover-up that was planned decades ago, that involved a limited information release scheme involving Art Bell, George Knapp, George Noory, John Lear and Bob Lazar, driving his sportscar and calling the ET spacecraft the ‘sport model’. All of this amounts to shameless tv/radio self-promotion.

Another cover involves scripting genuine atomic data on synthetic superheavy elements into a sci-fi series, whereby accurate data leaked from black projects would match previously released ‘fictional’ information. This method provides legal camouflage to protect the sensitive data, while at the same time exposing it! The Star Trek sci-fi franchise was scripted as a means of disinforming the public and controlling the teams of black project scientists working with highly sensitive information. The most sensitive class of data pertains to methods of phonon resonance transmutation applied in the production of synthetic, metastable superheavy isotopes with exotic properties for construction of the many iterations of stealth aircraft and spacecraft.

The multi-level obfuscation and information control scheme would have worked well enough, except for the unwavering determination and selflessness of Phil Schneider, Karla Turner, Barbara Bartholic and many other steadfast, incorruptible individuals that *gave their lives to save our childrens' lives, and our future.*

It remains widely unrecognized that the 2019-2021 'pandemic' was used as a cover for covert US military operations pertaining to clearance of >180 deep underground military bases (DUMBs) distributed far below every state. The 2020 deployment of US Navy hospital ships Comfort and Mercy was touted as crucial for pandemic response, yet treated thousands of infant and child victims of sex trafficking, adrenochrome harvesting and genetic experimentation rescued from the subterranean captivity in which they were born.

The DOE's 'Q clearance patriot' Elon Musk has emerged as the top corporate contractor for all US military projects in space orbit and tunneling below ground, *covertly* applying portable nuclear fusion reactors for clean energy and aerospace industries. A tidal shift to Musk-owned companies has effectively replaced all Deep State contractors for terminated projects formerly run by corrupt Nazi scientists with NASA. Many US Navy and Air Force programs were transferred to Space Force in 2019, after several years of restructuring that were set into full motion following purposeful sabotage of Seal Team 6 by a corrupt US President (44).



A number of 'leaked' videos of antigravity US spacecraft deployments reflect a shift to *gradual disclosure* in the years prior to the Trump administration . Systematic take-down of Deep State black operations followed targeted killings of Seal Team 6 and Navy contractors, for which Obama and Biden were directly responsible:

- Aug 2011 - Seal Team 6 double-cross - 'Extortion 17' Chinook shot down, Afghanistan
- Sep 2013 - NavSea shooting rampage set up by Obama at Washington DC Naval Yard
- Dec 2013 - Aurora TR-3B iii Astra recorded in Nevada; Virginia & Reutlingen, Germany
- Mar 2014 - US marine recorded Aurora TR-3B iii Astra support in Asadabad, Afghanistan
- Jun 2014 - Aurora TR-3B iii Astra recorded on video in the skies above Kassel, Germany
- Nov 2016 - Trump wins election despite massive rigging scheme for candidate Clinton
- Nov 2018 - George Scherf, Jr. (alias 'GHW Bush, Sr.')
- Dec 2018 - Golden Tickets passed out at Scherf, Jr. funeral: "They know everything" ⁴²
- Oct 2019 - Clearance operations of deep underground military bases (DUMBs) began
- Dec 2019 - US Space Force established, controlling all US space operations platforms
- Mar 2020 - USNS Comfort & Mercy deployed to receive victims rescued from DUMBs
- 2006-2020 - Dr. Salvatore País' antigravity aerospace patents granted by Patent Office

The Space Force logo itself is full of interesting information, having clearly been designed to reference the Star Trek franchise logo of 'Starfleet Command: United Confederation of Planets' (compared above). This design is certainly no accident, but represents yet another pointer to the science-fiction genre with specific starmaps shown. The Pleiades star cluster is presented on the right side, with Polaris seen above and the Reticulum Constellation shown on the left side. Has the US Space Force made treaties with other worlds?

Complete answers to these important questions are highly complex, and require a solid foundation of knowledge to begin to comprehend. This is the purpose of the steadily growing volume of information being released through public figures and anonymous leakers working on behalf of US government interests.

The scripting of interstellar information into mass media sci-fi narratives fulfills 2 subversive functions. First, it provides instant justification for denigrating the subject as obsessive fantasy whenever it's convenient. Second, and most importantly, it provides a means of introducing a concept to the general public (the collective unconscious) in a fictional narrative for acclimating the public for dramatic planetary changes that are now imminent. The often ridiculed subject of Star Trek plot narratives and related 'trekky' lore were addressed in the context of an Area 51 patch shared with Ross Coulthart, author of *'In Plain Sight'* (2021):

[On my] vodcast a few weeks ago... I talked about a guy whose relative worked at Area 51... This is a patch (below, at left) of a guy who approached me who has given evidence to the AARO –the All Domain Anomaly Resolution Office... You are all given the duration of my speech to crack the secret behind the patch, okay?... [T]his person, very convincingly now, on the basis of information he's provided me privately, convinces me that this is a patch for a team at Area 51 that are involved in reverse engineering [programs involving ET spacecraft].



This guy's relative worked... as a data configuration specialist at Area 51. He collected data from engineering tests and was in charge of storing it inside large, secure vaults, and he had access to information that others did not have access to in that regard. And he told me that he was part of a group of 10 individuals who worked on ET-based technology.

There were specific groups, he alleges, within EG&G –they are the former administrators of Area 51, that did certain things. And there was a senior EG&G engineer who his relative spoke with in 1997, who was in charge of reverse engineering what his relative told him was non-human technology. And he said that in the data room where all of this material was kept, there was huge image on the wall of an egg-shaped craft that had been found fully intact resting on the desert floor of a remote location... This was a young man who took an interest in the fact that his relative worked at Area 51. One day he wandered into the study and snapped a picture of this patch. And the reason why I'm sure he's telling me the truth is because he also snapped a picture [of a photograph] of a group of people... and it has more than convinced me as to his *bonafides*...

"11001001, Measure, Analyze, Protect" –and what they mean here is protect the secret. '11001' is the 15th episode of the first season of Star Trek: The Next Generation, first broadcast in 1998. I've spent ages watching this episode and trying to find the secret inside this episode. Why? Why? Why? Why did they do this?

But it's about these binary aliens called the Binaris, who steal the Enterprise, and their home planet was being threatened by the shockwaves of a supernova –one that they missed in their calculations, and the resulting blast would disable the computers that keep life going on this world. So, they stole the Enterprise to store their planet's entire data sequence, and they needed [Captain] Picard and [First Officer] Riker to send that precious information back to the world, or risk [instigating] the end of their entire species.

And essentially, what it is, is a reminder about the power of technology, and the dangers of technology, and I have trawled ever source, and scratched down every lead trying to find out why they put 11001001 on their patch, but if anybody wants to shed more light on it, there's your task.⁴³

The sci-fi television and film genre has apparently been used as a means of psychological manipulation of the general public in preparation for catastrophic future events. The circumstances of the Binaris' civilization is an analogy for the Betelgeuse supernova and resulting electrical grid and computer failures on Earth.

The 5-pointed star within a bullseye represents the Betelgeuse Supernova event, reinforcing the binary code reference. The other half of the patch shows a circular craft with sets 3 standing waves in Fibonacci order. The two halves of the design are separated by a lightning bolt, representing *Nazi electro-shock mind control and Satan –who fell like 'lightning from heaven'*; referencing the Hebrew name *'baraq o bamah'* (44).

The Star Trek sci-fi franchise used as a cover for various narratives into the public domain, along with other Hollywood movies such as 'Beetlejuice' (1988), whose shrinking head represents the shrinking red giant star during core collapse before supernova. A breakdown of verifiable astronomical information scripted into Hollywood films was published back in 2018, entitled: 'Betelgeuse Subliminals & the Astronomy of 666'.⁴⁴

Astronomical data embedded in zany film productions cloaks such sensitive subjects in plausible deniability. Taken in the broader context of such blatant scripting by decades-old CIA counter-intelligence operations, the strategically timed revelations of mainstream journalists such as Ross Coulthart take on new meaning:

The co-host of my vodcast, Bryce Zabel, –he did a science-fiction series that was the precursor to the X-Files, called 'The Dark Skies'. And I tell a story on my vodcasts on how he and his co-host of 'The Dark Skies' program Brent Friedman were approached by mysterious men from Navy Intelligence who turned up offering to tell them how to tell the story properly, of how aliens take over human beings. "They don't stick a ganglion down your throat, they just do it psychotronically". And, Bryce and Brent say –*categorically*– that they were approached by people in Navy Intelligence offering to help put truth into their sci-fi program.

And so, frankly, we're being prepared for the existence of a non-human intelligence in our popular culture, whether we realize it or not, by the Defense Department and by the Intelligence Community for much of the last 50-60 years. There's been a very deliberate [scripting of narratives] –and I've been quite struck– I've spoken to people in Hollywood who've told me how their films have been, in part, supported by the Defense Department or the Intelligence Community, and the condition of, say, getting the support of the Defense Department for a fleet of Blackhawk [attack helicopters] is –in return for that you agree to run a particular line in your film.

And I find it fascinating that we're clearly being manipulated and made aware of a particular line about a non-human intelligence, whilst at the same time we're being told it's all bunk and BS, and we really shouldn't take it seriously. And that's why I think this whole idea about their being an 'ontological shock' –that means that we can't deal with this idea, that we're not ready for it, that our religious beliefs might be so confronted by it– I just think it's a load of BS. I really do.⁴⁵

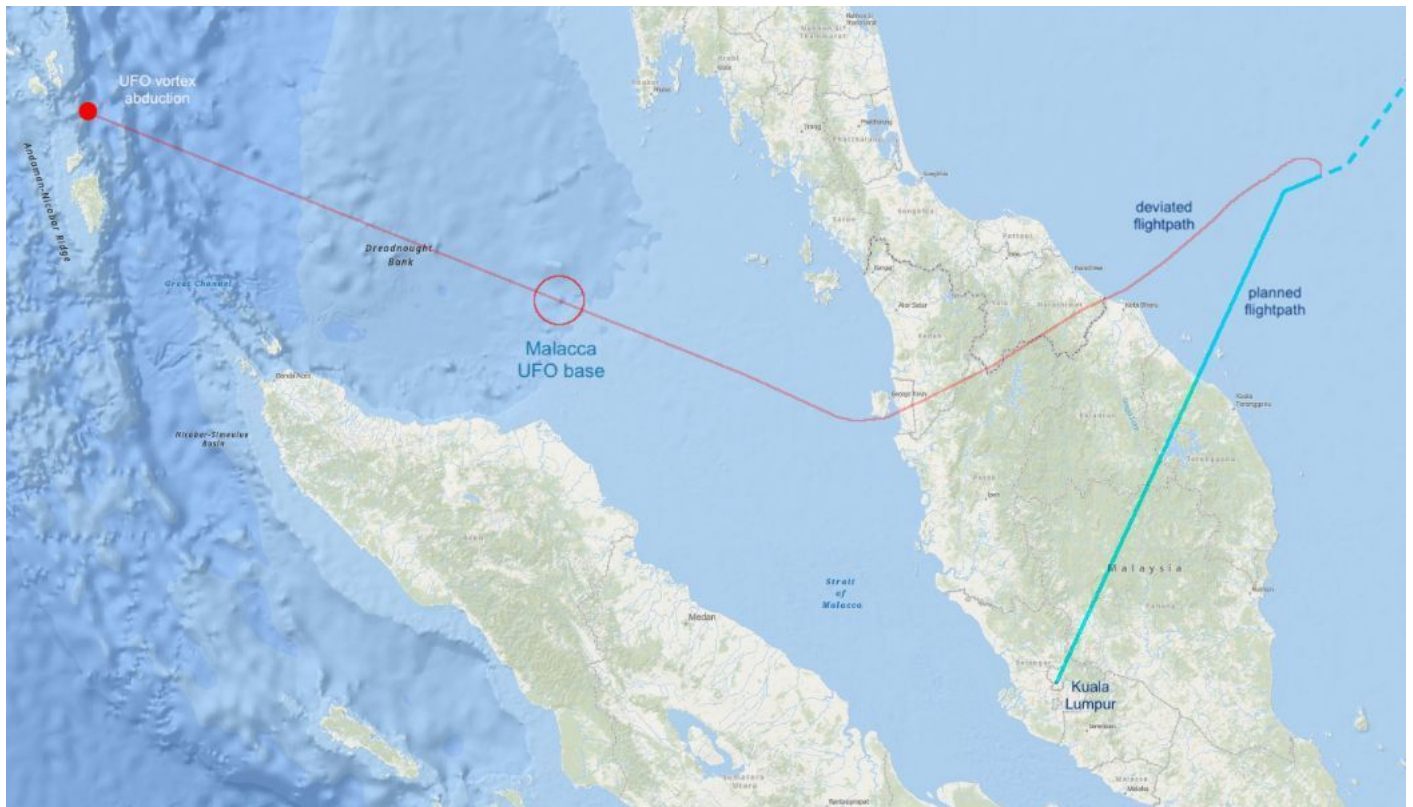
The assertions made by Coulthart, his many media industry friends and insider sources echo conclusions shared by genuine UFO investigators decades ago, exposing the counter-intuitive methods applied for psychological programming of the global population. Total control of academic institutions has ensured suppression of major concurrent archeological discoveries pertaining to advanced ancient superconductor alloys and geopolymers, while simultaneously scripting sci-fi episodes to conceal the data '*in plain sight*'.



Another prime example of scripting major scientific discoveries into film narratives is the ancient Atlantean superalloy called '*aurichalcum*', which must have been reinvented decades ago in US government black projects after subterranean archeological discoveries of the superconductive red-gold superalloy. One example, long since removed from the museum display, is a small aurichalcum funerary mask inset with geopolymer skystone discs as the eyes, excavated from a cemetery at Puma Punku, Bolivia (above, left).

My own research efforts succeeded in recreating this red-gold superalloy,⁴⁶ which was reproduced in tiny quantities just months later by MIT researchers and identified as Ti_3Au . *The exact coloration and superalloy properties were accurately represented in the Iron Man film series as a new aerospace alloy used in the production of spy satellites.* Archeological evidence of high-speed aurichalcum levitation sleds was reported in 1944 within an ancient underground transit line that still runs today below Mount Lassen, California.⁴⁷

Suppression of scientific truths by dissemination in trashy tabloid newspapers, sci-fi comic books and movies is a subversive technique that relies on full control of mass media, without which the illusion cannot be sustained. We are now witnessing a dismantling of the corporate mass media control system, revealing many hidden details of actual spacecraft construction materials, including data on physical properties and applications in EM field technologies that far exceed our present knowledge. These advances inform new perspectives on UFO vortex abductions like that of Malaysia Airlines flight MH370, on March 8, 2014.



An overview of MH370's flightpath from Kuala Lumpur airport shows the aircraft diverted from the planned route, making a U-turn to proceed over the Strait of Malacca (above). The airplane traveled a further 340 miles from its last known location to the site of its disappearance near the Andaman Islands. The airplane's onboard navigational equipment was *remotely controlled from an invisible spacecraft* trailing the Malaysian Airlines flight, diverting its course by making magnetic alterations to the aircraft's digital compass headings.

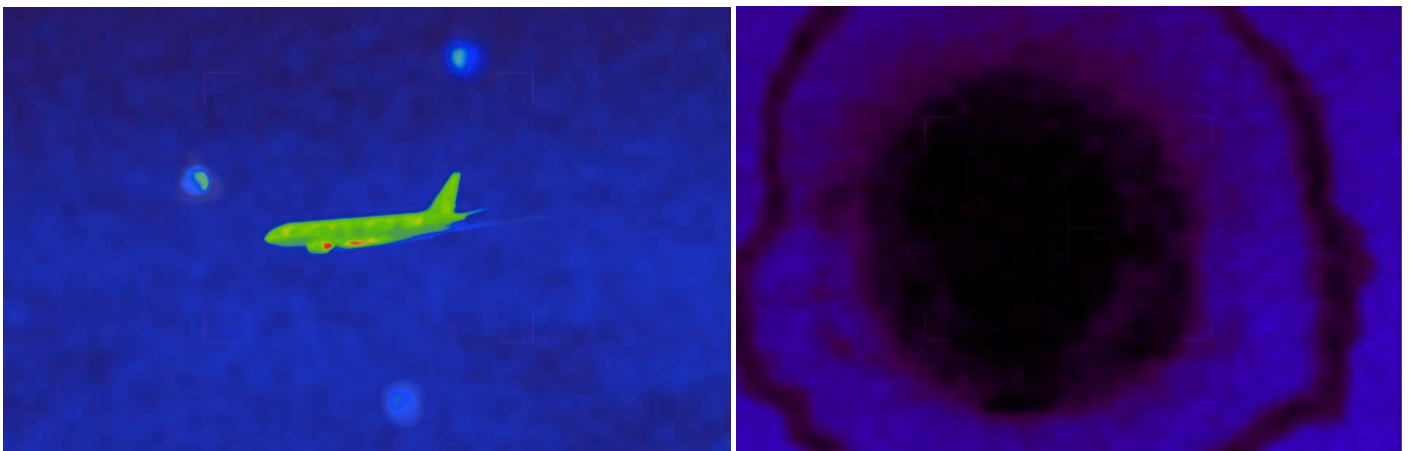
This unscheduled detour took the airplane *directly over a major seafloor anomaly* previously identified by US Navy submarines as the ruins of a man-made temple complex on the sea floor. Island temples of an ancient city were razed in aerial warfare by the Baal ET consortium, before the city was sealed off from the land surface to be used as a submerged base of covert UFO abduction operations. This undersea UFO base may be directly responsible for dozens of other UFO vortex abductions over the Strait of Malacca.

Malacca UFO base; destination of flight MH370 abduction over the Strait of Malacca, Malaysia (6.215°N, 97.640°E, above), is located 4,605 miles from the Great Pyramid of Giza, Egypt. This resonant distance interval corresponds to 18.50% of Earth's mean circumference, reflecting the value of Fibonacci #402 (4,608.35... x 10⁻⁸⁰) in miles and the value of Fibonacci #113 (18.46... x 10⁻²²) in percent. These factors confer efficient reception of infrasound standing wave resonance focused by the Orion Pyramid Complex.

This ancient underground city is now submerged in the Strait of Malacca at a depth of 106 m below sea level. This elevation confirms the site was a small island situated just off the western shore of Sundaland, during the Late Paleolithic prior to 13,000 bp, when sea levels were ~120 m lower than the present day. This site has been converted for use as an undersea UFO base occupied by the Baal ET predatory syndicate responsible for the UFO vortex teleportation of flight MH370 on March 8, 2014.

If this hypothesis is accurate, *where was the 209'-long flight MH370 teleported to* –with all 227 passengers and 12 crew members on board? This conundrum can only be resolved within the broader framework of technological capabilities relating to quantum teleportation and time travel. Decades of investigation of the dynamics of UFO abduction phenomena have revealed quintessential patterns of invisible aerial activity focused in the vicinity of ancient temples marking enormous underground cities cast in artificial stonework.

Vast underground installations housing immense, brightly illuminated spacecraft hangars and even artificial sunlit caverns with resonant atmospheres and lush biospheres controlled by pyramids built within. The fact of the existence of such spectacular underground cities has been reported by many witnesses in various parts of the world, and presents *the only plausible destination for UFO abductions of commercial planes*.



Throughout the last century of modern high-speed air travel, airplanes have been disappearing without a trace in every region of the world, without leaving any trace evidence that might offer an explanation. This recurrent phenomenon has been secretly investigated and monitored by the US military using infrared video from reconnaissance drones for decades, in an effort to understand the technology being employed.

Leaked surveillance videos of the event *were taken from 3 different angles*; one in color-enhanced infrared obtained from a drone passing near the contrail of the airplane (above); a second angle in full color from an orbiting satellite; and a third video in black and white IR from the vantage point of a second military drone.⁴⁸

Very faint, spiraling contrails can be seen trailing behind 3 spherical craft ~20' in diameter, rapidly circling the commercial airplane in a triangular formation, tracing a triple helix of trails spiraling around the contrail of MH370. One can immediately recognize the high temperature of the jet airplane's contrail, being lighter in tone, whereas the very faint contrails left behind by the 3 circling craft are *ultracold condensate trails*.

A careful frame-by-frame analysis of the spectrally-enhanced IR video footage reveals the rapid reversal of motion shared by all 3 objects being sucked backward into a giant EM vortex that forms immediately behind the airplane. A distance of perhaps 30' was traversed *in the opposite direction of the original flightpath* in just 2 frames of the video, before the plane completely disappears from sight into a gigantic time-space portal. All of this occurred in mere milliseconds, having been captured in only 4 video frames (@ 30/sec).

Given the aircraft's 80' length, the total size of the EM vortex measures ~280' in diameter. To set up the large-scale teleportation event, helical hydrino trails establish an EM field around the plane before ejecting ultracold hydrino condensate plasma to form a time-space vortex. This BEC vortex acts like a momentary blackhole that literally sucks the aircraft into its center before instantaneously vanishing into hyperspace.

The dark purple regions at the periphery of the EM vortex formation fade into total blackness at its core, reflecting ultracold temperatures near -273°C that far exceed the lowest measurable ranges for the airborne reconnaissance drone's infrared video cameras. The spectrally-enhanced IR video of the flight MH370 disappearance –released by an anonymous military source– represents one of the most significant videos ever disclosed to the general public regarding quantum vortex transposition capabilities of ET spacecraft.



Public release of 3 video angles of the UFO vortex transposition of flight MH730 was not accidental, but part of a slow disclosure program in progress. The provision of infrared video of the event reveals the ultracold temperatures of the BEC medium. Such observations confirm hyperdimensional teleportation technologies employ condensed matter physics described by Einstein-Rosen bridges –or *time tunnels*– which can be achieved through technical means defined in several patents recently awarded on behalf of the US Navy.⁴⁹

3D reconstruction of the 3 spheres' relative motions shows simultaneous rotations along 2 axes (above). Cogent physics explanations published by Dr. Salvatore País provide an accurate quantum framework for comprehending the unseen aerial and subterranean activities of advanced ET civilizations that include EM vortex teleportation events such as the recent abduction event involving 239 people aboard flight MH370.

The work of Romanian-American aerospace engineer and inventor Dr. Salvatore Pais expands on advanced concepts investigated in a previous study; 'Microwave Control of Atomic Motional States in a Spin-Dependent Optical Lattice' (Belmechri *et al.*, 2013) quoted earlier (pg. 310). This is just 1 of 6 remarkable technology patents filed from 2006-2020 on behalf of the Secretary of the Navy; Patent US10144532B2, granted in 2016:

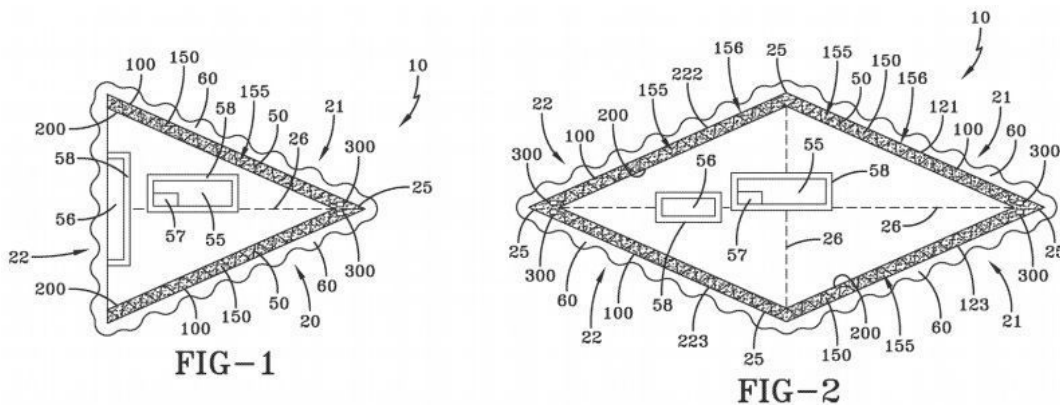
Craft Using an Inertial Mass Reduction Device

There are four known fundamental forces which control matter and, therefore, control energy. The four known forces are strong nuclear forces, weak nuclear forces, electromagnetic force, and gravitational force. In this hierarchy of forces, the electromagnetic force is perfectly positioned to be able to manipulate the other three. A stationary electric charge gives rise to an electric (electrostatic) field, while a moving charge generates both an electric and a magnetic field (hence the electromagnetic field).

Additionally, an accelerating charge induces electromagnetic radiation in the form of transverse waves, namely light. Mathematically, as well as physically, electromagnetic field intensity can be represented as the product of electric field strength and magnetic field strength. Electromagnetic fields act as carriers for both energy and momentum, thus interacting with physical entities at the most fundamental level.

Artificially generated high energy electromagnetic fields, such as those generated with a high energy electromagnetic field generator (HEEMFG), interact strongly with the vacuum energy state. The vacuum energy state can be described as an aggregate/collective state, comprised of the superposition of all quantum fields' fluctuations permeating the entire fabric of spacetime. High energy interaction with the vacuum energy state can give rise to emergent physical phenomena, such as force and matter fields' unification.

According to quantum field theory, this strong interaction between the fields is based on the mechanism of transfer of vibrational energy between the fields. The transfer of vibrational energy further induces local fluctuations in adjacent quantum fields which permeate spacetime (these fields may or may not be electromagnetic in nature). Matter, energy, and spacetime are all emergent constructs which arise out of the fundamental framework that is the vacuum energy state...



It is possible to reduce the inertial mass and hence the gravitational mass, of a system/object in motion, by an abrupt perturbation of the non-linear background of local spacetime (the local vacuum energy state)... In other words, inertial mass reduction can be achieved via manipulation of quantum field fluctuations in the local vacuum energy state, in the immediate proximity of the object/system. Therefore it is possible to reduce a craft's inertia, that is, its resistance to motion/acceleration by polarizing the vacuum in the close proximity of the moving craft.

Polarization of the local vacuum is analogous to manipulation/modification of the local spacetime topological lattice energy density. As a result, extreme speeds can be achieved. If we can engineer the structure of the local quantum vacuum state, we can engineer the fabric of our reality at the most fundamental level (thus affecting a physical system's inertial and gravitational properties). This realization would greatly advance the fields of aerospace propulsion and power generation...

A recent paper, by the inventor, published in the International Journal of Space Science and Engineering (Pais, S. C., Vol. 3, No. 1, 2015) considers the conditional possibility of superluminal craft propulsion in a Special Relativity framework... The artificial generation of gravity waves in the locality of the craft, can result in energy-mass removal (gravity waves are propagating fluctuations in gravitational fields, whose amplitude and frequency are a function of the motion of the masses involved).

Moreover, it is feasible to remove energy-mass from the system by enabling vacuum polarization, as discussed by Harold Puthoff; in that diminution of inertial (and thus gravitational) mass can be achieved via manipulation of quantum field fluctuations in the vacuum. In other words, it is possible to reduce a craft's inertia, that is, its resistance to motion/acceleration by polarizing the vacuum in the close proximity of the moving craft. As a result, extreme speeds can be achieved.

Vacuum energy state can be thought of as a chaotic system comprised of random, highly energetic fluctuations in the collective quantum fields which define it. Considering Ilya Prigogine's Nobel Prize work on far from equilibrium thermodynamics (the Prigogine effect), a chaotic system can self-organize if subjected to three conditions, namely: the system must be non-linear, it must experience an abrupt excursion far from thermodynamic equilibrium, and it must be subjected to an energy flux (order from chaos).

An artificially generated high energy/high frequency electromagnetic field (such as the fields an HEEMFG can produce) can fulfill all three conditions simultaneously (especially in an accelerated vibration/rotation mode), when strongly interacting with the local vacuum energy state. These interactions are induced by the coupling of hyper-frequency axial rotation (spin) and hyper-frequency vibration (harmonic oscillations/abrupt pulsations) of electrically charged systems (high energy electromagnetic field generators), placed on the outside of the craft in strategic locations.

In this manner, local vacuum polarization, namely the coherence of vacuum fluctuations within the immediate proximity of the craft's surface (outside vacuum boundary) is achieved, allowing for 'smooth sailing' through the negative pressure (repulsive gravity) of the 'void' (the void within the vacuum). It may be stated that the [quantum vacuum] void 'sucks in' the craft [to enable motion control by directional application of the effect on part of the hull].

It is of extreme importance that the craft has the ability to control the accelerated modes of vibration and spin of the electrically charged surfaces, in particular the rapid rates of change of accelerated-decelerated-accelerated vibration and/or... gyration (axial spin) of electrified surfaces. In this manner we can delay the onset of relaxation to thermodynamic equilibrium, thus generating a physical mechanism which may induce anomalous effects (such as inertial or gravitational mass reduction). Furthermore, it is possible to enable the Gertsenshtein Effect, namely the production of high-frequency gravitational waves by high-frequency electromagnetic radiation, in this manner modifying gravitational fields in close proximity to the craft, resulting in its propulsion...

The present invention is directed to a craft using an inertial mass reduction device. The craft includes an inner resonant cavity wall, an outer resonant cavity, and microwave emitters. The outer resonant cavity wall and the inner resonant cavity wall form a resonant cavity. The microwave emitters create high frequency electromagnetic waves throughout the resonant cavity causing the outer resonant cavity wall to vibrate in an accelerated mode and create a local polarized vacuum outside the outer resonant cavity wall. It is a feature of the present invention to provide a craft, using an inertial mass reduction device, that can travel at extreme speeds.⁵⁰

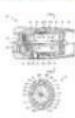
The concepts succinctly addressed by País in this patent enable transdimensional conversion of matter to plasma states for spacecraft with inertial mass reduction devices. Another embodiment of this concept is shared in a separate patent detailing a 'High-Frequency Gravitational Wave Generator' (País, 2017).


The same design of a double hull with microwave emitters was identified in our earlier discussion of UFO crash events in New Mexico, Russia and Argentina. The repeated recovery of melted material resembling aluminum slag, which –in various cases– resulted from hull breaches of spacecraft during flight, expelling volatile acetone vapors and melted fiber optics with aluminum coatings. All these features represent the components of supercooling systems designed to generate Bose-Einstein condensate within the superconducting resonant cavity of the ships' double hull, just as indicated in the patents of Dr. Salvatore País.


The very same concepts can be applied to the human body, which can be built into a Divine temple whose elemental composition reflects that of a hyperspace vehicle; as practiced by ancient Siddha traditions of Asia.⁵¹ A 2013 study demonstrated the energy deposition of γ -radiation impacting a metal lattice becomes converted into athermal, high-frequency phonons within the material (Cornell, 2013). This conversion takes place within phonon-electron superconductor alloys and Siddha bhasma pills applied for healing within the human body in ancient metaphysical practices tracing back to the Paleo-Sanskrit 'Nation of the Third Eye'.


País also discussed the important concept of 'nested' or embedded counter-rotating EM fields detailed in previous work by this author revealing the quantum functions of bi-layered Bi-Mg quasicrystal spacecraft sheathing material recovered from the 1947 UFO shoot-down and crash near Roswell, New Mexico.


Dr. Pais was interviewed in 2022 by Curt Jaimungal of the *Theory of Everything* vodcast on the subject of the conceptual origins of the many extraordinary physics breakthroughs underlying his recently granted patents. The 'Inertial Mass Reduction Device' patent provides a viable physics solution for implementing specialized quasicrystal alloys with radioactive, synthetic superheavy elements for gravity control systems:


Laser augmented turbojet propulsion system

US • US7080504B2 • Salvatore Pais • Northrop Grumman Corporation
 Priority 2004-07-23 • Filed 2004-07-23 • Granted 2006-07-25 • Published 2006-07-25
 The invention is a turbojet propulsion system which includes a compressor section, a turbine section coupled by a shaft to the compressor section, a combustion section mounted between the compressor section and the turbine section, and an exhaust duct coupled to the aft end of said turbine section ...

Piezoelectricity-induced High Temperature Superconductor

US • US20190348597A1 • Salvatore Cezar Pais • United States Of America As Represented By The Secretary Of The Navy
 Priority 2017-08-16 • Filed 2019-07-23 • Published 2019-11-14
 The present invention is a high temperature superconductor comprising of a wire, which comprises of an insulator core and a metal coating. The metal coating is disposed around the insulator core, and the metal is coating deposited on the core. When a pulsed current is passed through the wire, ...

Plasma Compression Fusion Device

US • US20190295733A1 • Salvatore Pais • United States Of America As Represented By The Secretary Of The Navy
 Priority 2018-03-22 • Filed 2018-03-22 • Published 2019-09-26
 A plasma compression fusion device which includes a hollow duct and at least one pair of opposing counter-rotating dynamic fusors. The hollow duct includes a vacuum chamber disposed within the hollow duct. Each dynamic fusor has a plurality of orifices and an outer surface which is electrically ...

Craft Using an Inertial Mass Reduction Device

US • US20170313446A1 • Salvatore Pais • United States Of America As Represented By The Secretary Of The Navy
 Priority 2016-04-28 • Filed 2016-04-28 • Published 2017-11-02
 A craft using an inertial mass reduction device comprises of an inner resonant cavity wall, an outer resonant cavity, and microwave emitters. The electrically charged outer resonant cavity wall and the electrically insulated inner resonant cavity wall form a resonant cavity. The microwave emitters ...

Electromagnetic field generator and method to generate an electromagnetic field

US • US10135366B2 • Salvatore Pais • The United States Of America As Represented By The Secretary Of The Navy
 Priority 2015-07-24 • Filed 2015-07-24 • Granted 2018-11-20 • Published 2018-11-20
 The electromagnetic field generator includes a shell, an electrostatic generator, a power plant, a thermoelectric generator, and an electric motor. The shell has embedded polycrystalline ferroelectric ceramic material which is polarized such that the ceramic material exhibits strong Piezoelectric ...

High frequency gravitational wave generator

US • US10322827B2 • Salvatore Cezar Pais • The United States Of America As Represented By The Secretary Of The Navy
 Priority 2017-02-14 • Filed 2017-02-14 • Granted 2019-06-18 • Published 2019-06-18
 A high frequency gravitational wave generator including a gas filled shell with an outer shell surface, microwave emitters, sound generators, and acoustic vibration resonant gas-filled cavities. The outer shell surface is electrically charged and vibrated by the microwave emitters to generate a ...

Sal: It's a long story, but the whole idea started from... the Heaviside version of Maxwell's Equations,... a series of 20 equations with 20 unknowns written in [complex] quaternion formalism. They were extremely hard to deal with, and let's not forget they were actually an ether theory at that time. Later, Einstein did away with the [essential concept of a] luminiferous ether, even though he slightly reintroduced it in 1921, in a paper that no one wants to talk about,... 'Sidelights on Relativity'...

I noticed that [a term for the absolute value of the pointing vector is obtained by] a simple dimensional analysis of the Heaviside version of Maxwell's Equations... -4 equations with 4 unknowns... You could call them the laws of Classical Electromagnetism [established before the laws of Quantum Electrodynamics], and they describe the electric field E, and electric induction term B, also known as the 'magnetic flux density', and a simple relationship between these 2 terms: [$E = cB$] comes out of Maxwell's Equations, where c is the term used to represent the speed of light.

I noticed that from these equations, you could actually get a term for the magnitude of the pointing vector... if you refer to my papers... not just the patents... The whole idea leads to controlled motion of electrically charged matter from solid to plasma states, subjected to accelerated spin and/or accelerated vibration via rapid acceleration transience. This gives rise to high EM energy fluxes which are commensurate to high energy densities.

Hence, it is possible, in my opinion, to achieve the Schwinger Limit; that is EM energy fluxes on the order of 10^{33} W/m², which is commensurate to energy densities on the order of 10^{25} J/m³. So... you can [induce] something called quantum EM vacuum breakdown... [or the 'Pais Effect']. Remember, with high energy densities, you can manipulate -locally- the spacetime fabric; what we understand as something that emerges from the quantum vacuum, and hence the idea of a possible breakdown of this quantum vacuum at these high energy densities...

The Superforce, which equals the Planck force at the Planck scale -it's the bridge between the world of the very large, namely General Relativity, and the world of the very small represented by quantum field theory. And according to Professor J. Armas, this is what's needed; a force of unification, a bridge that would unify all 4 known forces -in this case including gravity... Look carefully at Einstein's equation [of General Relativity], it can be reformulated. It is actually saying that the Superforce, acting on the spacetime geometric structure gives rise to energy density, hence: matter...

Curt: If these were indeed operable... and if the Navy or US government did indeed believe in them, then they could easily file them under secrecy. So why did they make it public?... Sal: I think that –just look at the title of Ross Coulthart’s book: ‘In Plain Sight’. Sometimes the best way to hide something is in plain sight.

Curt: What does that mean?... Sal: Its quite possible that no one knows –exactly– the end effect of all this work, and therefore why classify it? And even if was is correct, and would lead to all these breakthroughs, sometimes the best way to hide something is in plain sight. Do you see any mainstream physicists trying to take on the Pais Effect, and trying to prove its validity? Absolutely not. They would rather call me a crank, a crackpot, a charlatan, rather than do the experiments and see if it will work, or not.

So, it’s much easier to call it a work of disinformation. My biggest fear is that certain nefarious elements would pick up on this work and find validity with it, and that’s why language was made specifically in those patent applications to deter any such nefarious elements from proceeding on some of these ideas. Let’s just leave it at that –I cannot substantiate what this means...

Curt: Can you talk around that [general subject though]? Sal: I left out some of the secret sauce...

Curt: Okay, now what do you make [of] people who say there has to be disinformation in there. Not just incomplete information –[but] disinformation? Sal: I did not write these patent applications, and I’m pretty sure the government did not file them in order create false information. These were written to the physics of the effects that I was following through. That’s all. They were not meant to scare off anybody. They are a new window into new opportunities, and its quite possible –again– these have such commercial possibilities, they don’t need to be weaponized... If indeed this effect is valid, it could lead to a new world. Why not give it that opportunity? That’s all.

And I really wanted the Navy to have these, because if any of the contractors, if any of the companies that form the military industrial complex, if any of them have, or will come up with these they would charge the Navy crazy amounts of money to make them feasible. If the Navy already had them, those prices can be talked down and be alleviated. That’s why I actually accepted no royalties for this whatsoever... Not 1 cent. I did it out of pure patriotic duty, and I stand by those words. Maybe that’s why it hurts so much to be called a crank and a charlatan.⁵²

The Portuguese name ‘Salvatore Pais’ translates as “Savior of the country”. *If*, in fact, this name was given at birth, it appears even more serendipitous than the name ‘Einstein’, meaning ‘*One stone*’. These highly compelling hyperdimensional physics principles presented by Dr. Pais have been firmly established within the framework of Classical Electrodynamics (rather than Quantum Electrodynamics), like those presented by Dr. Randell Mills of Brilliant Light Power defining the behavior of hydrino resonant transfer plasma:

Sal: The idea that, if you have a nonlinear medium, which could be a plasma, [once] again. If you inject electromagnetic energy into it... from a source to drive that plasma far from equilibrium. Then it is possible that these plasmas will self-organize, thereby giving rise to what is called the Prigogine Effect... [Dr. Ilya Prigogine] talks of it in his Nobel Prize lecture, I think it’s called ‘Time Structure and Fluctuations’. It was given in Stockholm on receipt of his Nobel Prize in Non-Equilibrium Thermodynamics...

[In it] he talks about Bernard cells... –a fluid dynamics phenomenon that occurs when you have a certain layer of oil over a heated plate, and how eventually these... seemingly chaotic cells eventually self-organize into these beautiful hexagonal shapes... hence the Prigogine Effect. And... it can be applied to any nonlinear medium. I choose a plasma because its an incredible state... The fourth state of matter, and I believe its quite possibly a bridge to quintessence, for lack of a better term.

Curt: What’s meant by a nonlinear medium? Sal: A nonlinear medium would be a medium in which your energy... will be amplified. [But instead of being] incrementally amplified it will be nonlinear [amplification], so the effect would be parabolic... Exactly how these frequencies are accelerated I cannot speak to... But it is feasible to get this Ω^2 effect rather than the regular, linear Ω . Because... we’re trying to counter-balance this... charge² term... But it is much better to get these high frequencies using either piezoelectric [transducer elements] or plasmas under a certain structure [that I am not permitted to discuss publicly at this time].⁵³

The ‘*special sauce*’ omitted from patents is *Bose-Einstein condensed plasma*. The requisite Ω^2 parameters with nonlinear frequency acceleration are also met by quasicrystalline phonon-electron superconductors. Dr. Pais describes Bernard cells and the Prigogine Effect, which is exploited by special Li-B plasma facing composites of stealth RAM coatings. He later refers to the philosopher Roger Bacon, but Curt erroneously interjects “–Francis Bacon”; being unaware of the significance of the early alchemist’s work. To clarify, Roger Bacon (†1214-1292) was an academic scholar who lived 350 years prior to Francis Bacon (†1561-1626).

What is being implied by the selective use of cryptic phrases? What else constitutes the 'special sauce' that is 'hiding in plain sight' –and why is this '*sometimes the best way*'? This is a progressive exercise involving gradual disclosure of US government technology pertaining to the Navy's successful retro-engineering of advanced transdimensional spacecraft, through cooperative efforts with parallel EU, Chinese and Russian programs –and the support of various ET humanoid species with underground bases on Earth.

PERIODIC TABLE OF THE ELEMENTS
FIFTH INTERSTELLAR GEOPHYSICAL CONFERENCE STANDARD

1A																		8A					
1	2																	10					
3	4																	5	6	7	8	9	10
11	12																	13	14	15	16	17	18
		PERIOD																					
		3B	4B	5B	6B	7B	8B		1B	2B													
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36						
37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54						
55	56	72		73	74	75	76	77	78	79	80	81	82	83	84	85	86						
87	88	104		105	106	107	108	109	110	111	112	113	114	115	116	117	118						
		TRANSNUCLIDIC FISSIONABLES																					
119	120	57		58	59	60	61	62	63	64	65	66	67	68	69	70	71						
		89		90	91	92	93	94	95	96	97	98	99	100	101	102	103						
		139		140																			
		* Ki		Ct																			
		121	122	123	124	125	126	127	128	129													
		Bo	Db	Mu	It	Ro	Tn	Tv	Tt	Tr								*					

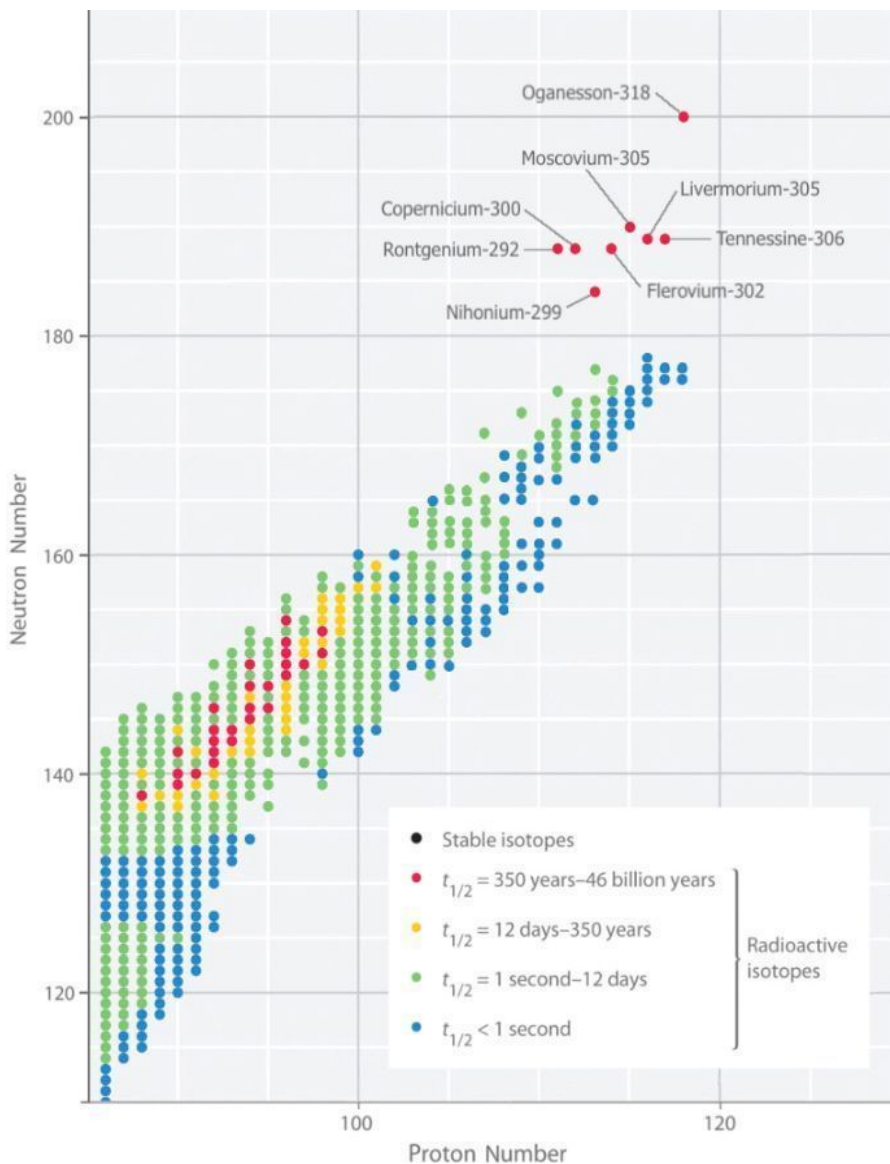
The Star Trek franchise was established by Gene Roddenberry with the primetime television series 'Star Trek: The Original Series', 1968-69 (TOS), and expanded into 5 spin-off series that included 'Star Trek: The Animated Series' from 1973-74 (TAS), 'Star Trek: The Next Generation' from 1987-94 (TNG), 'Star Trek: Deep Space 9' from 1993-99 (DS9), 'Star Trek: Voyager' from 1995-01 (VOY) and 'Star Trek: Enterprise' from 2001-05 (ENT). Feature films, novels, posters, starship models, phasers and action figures were sold.

Promotional materials for the Star Trek brand included a compendium of futuristic science based on the 'Periodic Table of the Elements: Fifth Interstellar Geophysical Conference Standard', published in 1977. (above).⁵⁴ It provides all the standard elements known at that time, along with dozens of additional elements that were carefully scripted into various episodes. There is even an updated 2023 version of the Star Trek Periodic Table providing the names of superheavy isotopes according to the latest data in a convenient, clickable format with links to episode summaries pertaining to each respective element (appended here).⁵⁵

The concept of a thermionic convertor was specifically identified by Bob Lazar in his early interviews regarding his work on ET propulsion systems at Area 51 and Site-4 installations. Lazar explained that the thermionic convertor converted the heat of high-intensity γ -radiation from a long-lived, superheavy isotope of element 115 into a constant electric current; perpetually powering the ship and starting its gravity motors. The very same concept was integrated into the futuristic framework of technologies in the Star Trek series.

The specific elemental composition of thermionic converters was described in an archeological context shown in made-for-TV 'anomaly research' at Skinwalker Ranch, Utah. Vast underground chambers cast in bi-layered geopolymers were penetrated by horizontal drilling below the mesa. Analyses revealing fine composites alternating between stone layers doped with europium (Eu) and tellurium (Te) nanoparticles.

These bi-layered composites fully line the inner cavity wall, floor and ceiling of an HHO plasma chamber. Tellurium is a thermoelectric material which generates a constant electric current by conversion from the heat of γ -rays and α -particles emitted by Eu^{151} . Isotope Te^{126} also contributes electrons via β -decay.



Brief, cryptic statements given by Ross Coulthart and Salvatore País confirm the Star Trek franchise was specifically scripted to 'hide' genuine data pertaining to the appearance, physical properties and technical applications for various metals that were discovered during analyses of ET materials obtained from scores of UFO crash retrievals. Supplemental data sets provided with the 1997 Star Trek Periodic Table even identify the most stable isotopes of superheavy elements from 111-129 and 139-140 (at left), reflecting the very same data shared by Dr. Schneider (appended).

The timing of these public revelations is intriguing; having been undertaken *en masse* through Congressional hearings and mass media coverage of this previously forbidden topic. Simultaneous cooperation of the US Space Force with major public-sector projects apparently fulfills the basic function of validating and releasing secret research previously conducted by black projects decades ago. If so, the question then arises: why is the policy of total secrecy concerning the UFO subject being gradually lifted? Is there a connection to the growing global awareness and recognition of the fulfillment of Biblical prophecies at a steadily quickening pace?

The return of Christ consciousness on Earth is directly linked with the arrival of spacecraft fleets of 'angelic' or benevolent ET humanoids timed to coincide with the arrival of the Betelgeuse supernova blastwave. This unacknowledged factor represents a driving force behind accelerating strategic information releases concerning ET humanoid lifeforms and hyperdimensional technologies now available to Earth humanity.

The great awakening being presently experienced among the masses of human beings inhabiting the surface of our world is not simply a political or social movement, but a result of cosmic forces impacting our planet and our bodies, in the potent form of neutrino and γ -ray bombardment from the unfolding supernova. Powerful psychological effects of subjection to these enhanced atomic particle fluxes are being felt by every human being, illuminating the path of spiritual ascent in the high knowledge of hyperdimensional physics.

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NEW PERIODIC TABLE

Revised as of 1995

Provided by Dr. Phil Schneider

1 H 1.00797	2 He 4.0026	3 Li 6.939	4 Be 9.0122	5 B 10.811	6 C 12.01115	7 N 14.0067	8 O 15.9994	9 F 18.9984	10 Ne 20.183	11 Na 22.98977	12 Mg 24.312
13 Al 26.98154	14 Si 28.0855	15 P 30.97376	16 S 32.064	17 Cl 35.453	18 Ar 39.948	19 K 39.0983	20 Ca 40.08	21 Sc 44.9559	22 Ti 47.90	23 V 50.9414	24 Cr 51.996
25 Mn 54.9380	26 Fe 55.847	27 Co 58.9332	28 Ni 58.71	29 Cu 63.546	30 Zn 65.37	31 Ga 69.72	32 Ge 72.59	33 As 74.9216	34 Se 78.96	35 Br 79.904	36 Kr 83.80
37 Rb 85.4678	38 Sr 87.62	39 Y 88.9059	40 Zr 91.22	41 Nb 92.9054	42 Mo 95.94	43 Tc (97)	44 Ru 101.07	45 Rh 102.9055	46 Pd 106.4	47 Ag 107.868	48 Cd 112.40
49 In 114.82	50 Sn 118.69	51 Sb 121.75	52 Te 127.60	53 I 126.9044	54 Xe 131.30	55 Cs 132.9054	56 Ba 137.33	57 La 138.9055	58 Ce 140.12	59 Pr 140.9077	60 Nd 144.24
61 Pm (145)	62 Sm 150.35	63 Eu 151.96	64 Gd 157.25	65 Tb 158.9254	66 Dy 162.50	67 Ho 164.9304	68 Er 167.26	69 Tm 168.9342	70 Yb 173.04	71 Lu 174.97	72 Hf 178.49
73 Ta 180.9479	74 W 183.85	75 Re 186.207	76 Os 190.2	77 Ir 192.22	78 Pt 195.09	79 Au 196.9665	80 Hg 200.59	81 Tl 204.37	82 Pb 207.19	83 Bi 208.9804	84 Po (209)
85 At (210)	86 Rn (222)	87 Fr (223)	88 Ra 226.0254	89 Ac (227)	90 Th 232.0381	91 Pa 231.0359	92 U 238.029	93 Np 237.0482	94 Pu (244)	95 Am (243)	96 Cm (247)
97 Bk (247)	98 Cf (251)	99 Es (254)	100 Fm (257)	101 Md (258)	102 No (259)	103 Lr (260)	104 Ku (260)	105 Ha (260)	106 --- (263)	107 --- (280)	108 --- (288)
109 --- (296)	110 --- (296)	111 Pe (292)	112 Dk (300)	113 Cb (299)	114 Ci (302)	115 Ab (305)	116 Im (305)	117 To (306)	118 Zi (318)	119 Dd (315)	120 Rd (314)
121 Bo (317)	122 Db (319)	123 Ro (333)	124 It (322)	125 ---	125.2 Mu 319.1	127 Tv (328)	128 Tt (328)	129 Tr (332)	139 Ki (348)	140 Ct (361)	

NOTE: Numbers in parentheses indicate the mass number with the most stable isotope, (good enough for our civilization at the moment.)

PERIODIC TABLE
Revised 1995

NAME	SYMBOL	ATOMIC WEIGHT	ATOMIC NUMBER	PLACE OF DISCOVERY AND DATE
Actinium	Ac	(227)	89	France, 1899
Algobarium	Ab	(305)	115	Alien
Aluminum	Al	26.9815	13	Denmark, 1825
Americum	Am	(243)	95	USA, 1945
Antimony	Sb	121.75	51	Known to Ancients on Earth
Argon	Ar	39.948	18	Scotland, 1894
Arsenic	As	74.9216	33	Known to Ancients on Earth
Astatine	At	(210)	85	USA, 1940
Barium	Ba	137.34	56	England, 1808
Berkelium	Bk	(247)	97	USA, 1949
Beryllium	Be	9.0122	4	Germany/France, 1828
Bismuth	Bi	208.9804	83	Known to Ancients on Earth
Boridium	Bo	(317)	121	Alien
Boron	B	10.811	5	France/England, 1808
Bromine	Br	79.909	35	France, 1826
Cadmium	Cd	112.40	48	Germany, 1817
Calcium	Ca	40.08	20	England, 1808
Californium	Cf	(251)	98	USA, 1950
Carbon	C	12.01115	6	Known to Ancients on Earth
Celebium	Cb	(299)	113	Alien
Cerium	Ce	140.12	58	Sweden/Germany, 1803
Cesium	Cs	132.9054	55	Germany, 1860
Chlorine	Cl	35.453	17	Sweden, 1774
Chromium	Cr	51.996	24	France, 1797
Cobalt	Co	58.9332	27	Sweden, 1737
Colladium	Ci	(302)	114	USA, 1977
Copper	Cu	63.546	29	Known to Ancients on Earth
Corbomite	Ct	(361)	140	Alien
Curium	Cm	(247)	96	USA, 1944
Diburnium	Db	(319)	122	Alien
Dikironium	Dk	(300)	112	Alien
Dilithium	Dd	(315)	119	Alien
Dysprosium	Dy	162.50	66	France, 1886
Einsteinium	Es	(254)	99	USA, 1952
Element 106	---	(263)	106	USA/Russia, 1974
Element 107	---	(280)	107	USA/Russia, 1977
Element 108	---	(288)	108	USA/Germany, 1979
Element 109	---	(296)	109	USA/India, 1982
Element 110	---	(296)	110	USA/India, 1983
Erbium	Er	167.26	68	Sweden, 1843
Europium	Eu	151.96	63	France, 1901
Fermium	Fm	(257)	100	USA, 1953
Fluoride	F	18.9984	9	France, 1886
Francium	Fr	(223)	87	France, 1939

Note: Numbers in parentheses indicate the mass number with the most stable isotope, (good enough to our civilization at the moment).

Gadolinium	Gd	157.25	64	Switzerland, 1880
Gallium	Ga	69.72	31	France, 1875
Germanium	Ge	72.59	32	Germany, 1886
Gold	Au	196.967	79	Known to Ancients on Earth
Hafnium	Hf	178.49	72	Denmark, 1923
Hahnium	Ha	(260)	105	USA, 1970
Helium	He	4.0026	2	Scotland/Sweden, 1895
Holmium	Ho	164.9304	67	Switzerland, 1878
Hydrogen	H	1.00797	1	England, 1766
Indium	In	114.82	49	Germany, 1863
Indurite	It	(322)	124	Alien
Iodine	I	126.9044	53	France, 1811
Iridium	Ir	192.22	77	England/France, 1804
Irilium	Im	(305)	116	Alien
Iron	Fe	55.847	26	Known to Ancients on Earth
Kironide	Ki	(348)	139	Alien
Krypton	Kr	83.80	36	Great Britain, 1898
Kurchatovium	Ku	(260)	104	Russia, 1964
Lanthanum	La	138.91	57	Sweden, 1839
Lawrencium	Lr	(257)	103	USA, 1961
Lead	Pb	207.19	82	Known to Ancients on Earth
Lithium	Li	6.939	3	Sweden, 1817
Lutetium	Lu	174.97	71	France, 1807
Magnesium	Mg	24.312	12	England, 1808
Manganese	Mn	54.9380	25	Sweden, 1774
Mercury	Hg	200.59	80	Known to Ancients on Earth
Molybdenum	Mo	95.94	42	Sweden, 1778
Murinite	Mu	(320)	123	Alien
	Md	(258)	101	
Neodymium	Nd	144.24	60	Austria, 1885
Neon	Ne	20.183	10	England, 1898
Neptunium	Np	(237)	93	USA, 1940
Nickel	Ni	58.71	28	Sweden, 1751
Niobium	Nb	92.906	41	England, 1801
Nitrogen	N	14.0067	7	Scotland, 1772
Nobelium	No	(259)	102	Sweden, 1957
Osmium	Os	190.2	76	England, 1804
Oxygen	O	15.9994	8	England/Sweden, 1774
Palladium	Pd	106.4	46	England, 1803
Pergium	Pe	(292)	111	Alien
Phosphorus	P	30.9738	15	Germany, 1669
Platinum	Pt	195.09	78	Italy, 1557
Plutonium	Pu	(244)	94	USA, 1940
Polonium	Po	(209)	84	France, 1898

Note: Numbers in parentheses indicate the mass number with the most stable isotope, (good enough to our civilization at the moment).

Potassium	K	39.102	19	England, 1807
Praseodymium	Pr	140.9077	59	Austria, 1885
Promethium	Pm	(145)	61	USA, 1945
Protactinium	Pa	(231)	91	Germany/England, 1917
Radium	Ra	(226)	88	France, 1898
Radon	Rn	(222)	86	Germany, 1900
Rhenium	Re	186.207	75	Germany, 1925
Rhodium	Rh	102.9055	45	England, 1803
Rodimim	Ro	(333)	125	Alien
Rubidium	Rb	85.47	37	Germany, 1861
Rubidium	Rd	(314)	120	Alien
Ruthenium	Ru	101.07	44	Russia, 1844
Samarium	Sm	150.35	62	France, 1879
Scandium	Sc	44.956	21	Sweden, 1879
Selenium	Se	78.96	34	Sweden, 1817
Silicon	Si	28.086	14	Sweden, 1823
Silver	Ag	107.870	47	Known to Ancients on Earth
Sodium	Na	22.9898	11	England, 1807
Strontium	Sr	87.62	38	Scotland, 1790
Sulfur	S	32.064	16	Known to Ancients on Earth
Tantalum	Ta	180.948	73	Sweden, 1802
Technetium	Tc	(97)	43	Italy, 1937
Tellurium	Te	127.60	52	Romania, 1782
Terbium	Tb	158.9254	65	Sweden, 1843
Thallium	Tl	204.37	81	England, 1861
Thorium	Th	232.0381	90	Sweden, 1828
Thulium	Tm	168.9342	69	Sweden, 1879
Tin	Sn	118.69	50	Known to Ancients on Earth
Titanium	Ti	47.90	22	England, 1791
Topaline	To	(306)	117	Alien
Tri-cobalt	Tr	(332)	129	Alien
Tri-Tanium	Tn	(323)	126	Alien
Tri-Titanium	Tt	(328)	128	Alien
Tri-Uium	Tv	(328)	127	Alien
Tungsten	W	183.85	74	Spain, 1783
Uranium	U	238.029	92	Germany, 1789
Vanadium	V	50.942	23	Sweden, 1830
Xenon	Xe	131.30	54	England, 1898
Ytterbium	Yb	173.04	70	Switzerland, 1878
Yttrium	Y	88.9059	39	Finland, 1794
Zienite	Zi	(318)	118	Alien
Zinc	Zn	65.37	30	Germany, 1746
Zirconium	Zr	91.22	40	Spain, 1789

Note: Numbers in parentheses indicate the mass number with the most stable isotope, (good enough to our civilization at the moment).

PERIODIC TABLE OF THE ELEMENTS

FIFTH INTERSTELLAR GEOPHYSICAL CONFERENCE STANDARD

GROUP	PERIOD																			
	1A	2A	8-88										3A	4A	5A	6A	7A	8A		
1	1 H																			2 He
2	3 Li	4 Be																		10 Ne
3	11 Na	12 Mg																		18 Ar
4	19 K	20 Ca	21 Sc	22 Ti	23 V	24 Cr	25 Mn	26 Fe	27 Co	28 Ni	29 Cu	30 Zn	31 Ga	32 Ge	33 As	34 Se	35 Br	36 Kr		
5	37 Rb	38 Sr	39 Y	40 Zr	41 Nb	42 Mo	43 Tc	44 Ru	45 Rh	46 Pd	47 Ag	48 Cd	49 In	50 Sn	51 Sb	52 Te	53 I	54 Xe		
6	55 Cs	56 Ba		72 Hf	73 Ta	74 W	75 Re	76 Os	77 Ir	78 Pt	79 Au	80 Hg	81 Tl	82 Pb	83 Bi	84 Po	85 At	86 Rn		
7	87 Fr	88 Ra		104 Ku	105 Ha	106	107	108	109	110	111	112	113	114	115	116	117	118		
8	119 DI	120 Rd		TRANSNUCLIDIC FISSIONABLES																
				57 La	58 Ce	59 Pr	60 Nd	61 Pm	62 Sm	63 Eu	64 Gd	65 Tb	66 Dy	67 Ho	68 Er	69 Tm	70 Yb	71 Lu		
				89 Ac	90 Th	91 Pa	92 U	93 Np	94 Pu	95 Am	96 Cm	97 Bk	98 Cf	99 Es	100 Fm	101 Md	102 No	103 Lr		
				139 Ki	140 Ct															
	121 Bo	122 Db	123 Mu	124 It	125 Ro	126 Tn	127 Tv	128 Tt	129 Tr										*	

NAME	SYMBOL	*ATOMIC WEIGHT	ATOMIC NUMBER	PLACE OF DISCOVERY	DATE
Actinium	Ac	(227)	89	France - Terra	1899
Algoarium	Ab	(305)	115	Martian Colony 3	2015
Aluminum	Al	26.9815	13	Denmark - Terra	1825
Americum	Am	(243)	95	United States - Terra	1945
Antimony	Sb	121.75	51	known to ancients on Terra	
Argon	Ar	39.948	18	Scotland - Terra	1894
Arsenic	As	74.9216	33	known to ancients on Terra	
Astatine	At	(210)	85	United States - Terra	1940
Barium	Ba	137.34	56	England - Terra	1808
Berkelium	Bk	(247)	97	United States - Terra	1949
Beryllium	Be	9.0122	4	Germany; France - Terra	1828
Bismuth	Bi	208.980	83	known to ancients on Terra	
Boridium	Bo	(317)	121	known to ancients on Rigel IV	
Boron	B	10.811	5	England; France - Terra	1808
Bromine	Br	79.909	35	France - Terra	1826
Cadmium	Cd	112.40	48	Germany - Terra	1817
Calcium	Ca	40.08	20	England - Terra	1808
Californium	Cf	(251)	98	United States - Terra	1950
Carbon	C	12.01115	6	known to ancients on Terra	
Celebium	Cb	(299)	113	Mercury	2023
Cerium	Ce	140.12	58	Sweden; Germany - Terra	1803
Cesium	Cs	132.905	55	Germany - Terra	1860
Chlorine	Cl	35.453	17	Sweden - Terra	1774
Chromium	Cr	51.996	24	France - Terra	1797
Cobalt	Co	58.9332	27	Sweden - Terra	1737
Colladium	Ci	(302)	114	United States - Terra	1977
Copper	Cu	63.54	29	known to ancients on Terra	
Corbomite	Ct	(361)	140	Star Base 27	2262
Curium	Cm	(247)	96	United States - Terra	1944
Diburnium	Db	(319)	122	known to ancients on Vulcan	
Dikironium	Dk	(300)	112	Vulcan	8810**
Dilithium	DL	(315)	119	Jupiter V	2049
Dysprosium	Dy	162.50	66	France - Terra	1886
Einsteinium	Es	(254)	99	United States - Terra	1952
Element 106	—	(263)	106	Russia - Terra	1974
Element 107	—	(280)	107	Russia - Terra	1978
Element 108	—	(288)	108	Germany - Terra	1979
Element 109	—	(296)	109	India - Terra	1982
Element 110	—	(296)	110	India - Terra	1983
Erbium	Er	167.26	68	Sweden - Terra	1843
Europium	Eu	151.96	63	France - Terra	1901
Fermium	Fm	(257)	100	United States - Terra	1953
Flourine	F	18.9984	9	France - Terra	1886
Francium	Fr	(223)	87	France - Terra	1939
Gadolinium	Gd	157.25	64	Switzerland - Terra	1880
Gallium	Ga	69.72	31	France - Terra	1875
Germanium	Ge	72.59	32	Germany - Terra	1886
Gold	Au	196.967	79	known to ancients on Terra	
Hafnium	Hf	178.49	72	Denmark - Terra	1923
Hahnium	Ha	(260)	105	United States - Terra	1970
Helium	He	4.0026	2	Scotland; Sweden - Terra	1895
Holmium	Ho	164.930	67	Switzerland - Terra	1878
Hydrogen	H	1.00797	1	England - Terra	1766
Indium	In	114.82	49	Germany - Terra	1863
Indurite	It	(322)	124	Skorr	?
Iodine	I	126.9044	53	France - Terra	1811

NAME	SYMBOL	*ATOMIC WEIGHT	ATOMIC NUMBER	PLACE OF DISCOVERY	DATE
Iridium	Ir	192.2	77	England; France - Terra	1804
Itrillium	Im	(305)	116	Asteroid belt	2029?
Iron	Fe	55.847	26	known to ancients on Terra	
Kironide	Ki	(348)	139	Vulcan	8756**
Krypton	Kr	83.80	36	Great Britain - Terra	1898
Kurchatovium	Ku	(260)	104	Russia - Terra	1964
Lanthanum	La	138.91	57	Sweden - Terra	1839
Lawrencium	Lr	(256)	103	United States - Terra	1961
Lead	Pb	207.19	82	known to ancients on Terra	
Lithium	Li	6.939	3	Sweden - Terra	1817
Lutetium	Lu	174.97	71	France - Terra	1907
Magnesium	Mg	24.312	12	England - Terra	1808
Manganese	Mn	54.9380	25	Sweden - Terra	1774
Mercury	Hg	200.59	80	known to ancients on Terra	
Molybdenum	Mo	95.94	42	Sweden - Terra	1778
Murinite	Mu	(320)	123	known to ancients on Rigel IV	
Neodymium	Nd	144.24	60	Austria - Terra	1885
Neon	Ne	20.183	10	England - Terra	1898
Neptunium	Np	(237)	93	United States - Terra	1940
Nickel	Ni	58.71	28	Sweden - Terra	1751
Niobium	Nb	92.906	41	England - Terra	1801
Nitrogen	N	14.0067	7	Scotland - Terra	1772
Nobelium	No	(255)	102	Sweden - Terra	1957
Osmium	Os	190.2	76	England - Terra	1804
Oxygen	O	15.9994	8	England; Sweden - Terra	1774
Palladium	Pd	106.4	46	England - Terra	1803
Pergium	Pe	(292)	111	Mercury	2023
Phosphorus	P	30.9738	15	Germany - Terra	1669
Platinum	Pt	195.09	78	Italy - Terra	1557
Plutonium	Pu	(244)	94	United States - Terra	1940
Polonium	Po	(210)	84	France - Terra	1898
Potassium	K	39.102	19	England - Terra	1807
Praseodymium	Pr	140.907	59	Austria - Terra	1885
Promethium	Pm	(145)	61	United States - Terra	1945
Protactinium	Pa	(231)	91	Germany; England - Terra	1917
Radium	Ra	(226)	88	France - Terra	1898
Radon	Rn	(222)	86	Germany - Terra	1900
Rhenium	Re	186.2	75	Germany - Terra	1925
Rhodium	Rh	102.905	45	England - Terra	1803
Rodinium	Ro	(323)	125	Vega IX	?
Rubidium	Rb	85.47	37	Germany - Terra	1861
Rubindium	Rd	(314)	120	Asteroid belt	2038
Ruthenium	Ru	101.07	44	Russia - Terra	1844
Samarium	Sm	150.35	62	France - Terra	1879
Scandium	Sc	44.956	21	Sweden - Terra	1879
Selenium	Se	78.96	34	Sweden - Terra	1817
Silicon	Si	28.086	14	Sweden - Terra	1823
Silver	Ag	107.870	47	known to ancients on Terra	
Sodium	Na	22.9898	11	England - Terra	1807
Strontium	Sr	87.62	38	Scotland - Terra	1790
Sulfur	S	32.064	16	known to ancients on Terra	
Tantalum	Ta	180.948	73	Sweden - Terra	1802
Technetium	Tc	(97)	43	Italy - Terra	1937
Tellurium	Te	127.60	52	Romania - Terra	1782
Terbium	Tb	158.924	65	Sweden - Terra	1843
Thallium	Tl	204.37	81	England - Terra	1861

NAME	SYMBOL	*ATOMIC WEIGHT	ATOMIC NUMBER	PLACE OF DISCOVERY	NAME
Thorium	Th	232.038	90	Sweden	1828
Thulium	Tm	168.934	69	Sweden	1879
Tin	Sn	118.69	50	known to ancients on Terra	
Titanium	Ti	47.90	22	England	1791
Topaline	To	(306)	117	Ganymede	2021
Tricobalt	Tr	(332)	129	Janus VI	2192
Tritanium	Tn	(323)	125	Argus X	2261
Trititanium	Tt	(328)	128	Motherlode	2184
Trivium	Tv	(328)	127	Denevan asteroid belt	2153
Tungsten	W	183.85	74	Spain	1783
Uranium	U	238.03	92	Germany	1789
Vanadium	V	50.942	23	Sweden	1830
Xenon	Xe	131.30	54	England	1898
Ytterbium	Yb	173.04	70	Switzerland	1878
Yttrium	Y	88.905	39	Finland	1794
Zienite	Zi	(318)	118	known to ancients on Ardana	
Zinc	Zn	65.37	30	Germany	1746
Zirconium	Zr	91.22	40	Germany	1789

*A number in parentheses indicates the mass number of the most stable isotope

All discovery dates are given in old Earth calendar years, except:
 (**) Vulcan years post-Surak

Star Trek References to Superheavy Elements & Operation Rainbow Project Scientists

A "Periodic Table of the Elements (Fifth Interstellar Geophysical Conference Standard, 1977)" lists the elements 1 (hydrogen) to 129 (tricobalt), as well as 139 (kironide) and 140 (corbomite). [The] following... is a list of all the [superheavy] elements, their chemical symbols, their atomic numbers (sorted by the mass numbers of their most stable isotopes), their atomic masses, the places of their discoveries, and the dates of their discoveries...

Element 111 - Pergium (Pe²⁹²): Pergium, in its most stable form, this element has an atomic mass of 292. Pergium's existence was discovered by Humans for the first time on planet Mercury around reference stardate 2023. This metal is part of the trans-uranic series of heavy elements. (ST reference: Star Fleet Medical Reference Manual, 1977) Pergium is typically used in energy production and life support systems by thousands of planets, making it a valuable commodity. One of the Federation's largest sources of pergium in the 23rd century was the mining colony on planet Janus VI, where it was eventually extracted through the joint efforts of the native Horta and Human colonists. (TOS episode: "The Devil in the Dark", 1967)

Element 112 - Dikironium (Dk³⁰⁰): Dikironium, in its most stable form, has an atomic mass of 300. Federation knowledge of this element's synthesis was based on the discovery of this substance by Vulcans for the first time in planet Vulcan's year 8810. This metal is part of the trans-uranic series of heavy elements. (TOS manual: "Star Fleet Medical Reference Manual", 1977)

Dikironium could only be created inside a laboratory and was not believed to exist naturally. This was disproved in 2257 and 2268, when the crews of the USS Farragut and the USS Enterprise discovered that the dikironium cloud creature was partly composed of the element. (TOS episode: "Obsession", 1967; TOS - My Brother's Keeper novel: "Constitution", 2002; TOS novel: "The Ashes of Eden", 1995)

Element 113 - Celebium (Cb²⁹⁹): Celebium, in its most stable form, has an atomic mass of 299, and was discovered by the Humans for the first time on the planet Mercury on reference stardate 2023. This metal is part of the trans-uranic series of heavy elements. (ST reference: Star Fleet Medical Reference Manual, 1977) Celebium is noted for extreme radiation output and toxicity, causing severe damage to many lifeforms, including carbon-based humanoids. A team of Federation scientists on Camus II claimed to have taken casualties from celebium, but Doctor Leonard McCoy examined one ailing survivor and determined their poisoning had come from another source. (TOS episode: "Turnabout Intruder", 1969)

Element 114 - Colladium (Ci³⁰²): Colladium, in its most stable form, has an atomic mass of 302. This substance was theorized by Humans on Earth for the first time on the North American continent in the United States, around the year 1977. This metal is part of the trans-uranic series of heavy elements. (ST reference: Star Fleet Medical Reference Manual, 1977)

Element 115 - Algotarium (Ab³⁰⁵): Algotarium, in its most stable form, has an atomic mass of 305, and was discovered by the Humans for the first time on Martian Colony 3 on reference stardate 0/15. This metal is part of the trans-uranic series of heavy elements. (ST reference: Star Fleet Medical Reference Manual, 1977)

Element 116 - Irillium (Im³⁰⁵): Irillium, in its most stable form, has an atomic mass of 305. Natural, unsynthesized deposits of this substance were first discovered by Humans in asteroids, in the Sol star system's asteroid belt, around the year 2029. This metal is part of the trans-uranic series of heavy elements. (ST reference: Star Fleet Medical Reference Manual, 1977) Irillium can exist as a contaminant in ryetalyn deposits. (TOS episode: "Requiem for Methuselah", 1969) Irillium contamination as minor as 1:1000 will render any ryetalyn so contaminated pharmacologically inert and thus useless for its intended purpose, as an antitoxin for Rigellian Fever.

Element 117 - Topaline (To³⁰⁶): Topaline, in its most stable form, has an atomic mass of 306, and was discovered by the Humans for the first time on Ganymede in the year 2021. This metal is part of the trans-uranic series of heavy elements. (ST reference: Star Fleet Medical Reference Manual, 1977)

Element 118 - Zienite (Zi³¹⁸): Zienite (or zenite), in its most stable form, has an atomic mass of 318, and was discovered by the Federation for the first time through contact with the civilization on Ardana. This metal is part of the trans-uranic series of heavy elements. (ST reference: Star Fleet Medical Reference Manual) Zenite, found in rare ore, can be processed to be used to combat botanical plagues. It is present on a limited number of worlds, among those Ardana, Remus, and Raknal V. (TOS episode: "The Cloud Minders"; ST - Vulcan's Soul novel: Exiles; TLE novel: The Art of the Impossible) In 2269, Doctor Leonard McCoy discovered that raw, unprocessed zenite generated a gas dangerous to many humanoids, as it limited intellectual capability and provoke violent tendencies. This debilitating effect exacerbated the societal rift between zenite mining Troglytes of Ardana, and upper class Stratos City Dwellers. (TOS episode: "The Cloud Minders") Vulcans were also subject to the effects of zenite gas. (ST - Vulcan's Soul novel: Exiles)

Element 119 - Dilithium (Di³¹⁵): Dilithium, in its most stable form, has an atomic mass of 315, and was discovered by humans for the first time on Amalthea, the fifth moon of planet Jupiter, in the year 2049. This crystalline element is part of the trans-uranic series of heavy elements. (ST reference: Star Fleet Medical Reference Manual, 1977) Federation: The First 150 Years states that humans first discovered dilithium from an excavation site at Earth's South Pole in the 21st century, evidently having come to Earth via meteorite. Dilithium is a member of the hypersonic series of elements. (TNG episode: "Rascals", 1992)

Dilithium was named as an extrapolation of another element's name, lithium. Dilithium was of note to Federation science because of qualities as a subspace amplifier, creating transtator current when exposed to subspace fields. It was the only known material which could regulate matter/antimatter reactions, which was why it is used by most species in their warp drives. Different compositions and origins produced slightly different appearances in the crystals, ranging in shape and color. (TOS novel: Prime Directive, 1990)

Element 120 - Rubindium (Rd³¹⁴): Rubindium, in its most stable form, has an atomic mass of 314, and was discovered by Humans for the first time in asteroids, in the Sol star system's asteroid belt in the year 2038. This crystalline metal is part of the trans-uranic series of heavy elements. (ST reference: Star Fleet Medical Reference Manual, 1977) Like dilithium, rubindium is able to convert subspace radiation into transtator current. (TOS novel: Prime Directive, 1990) Stable rubindium was a rare substance, but in the 23rd century, rubindium crystals were used by Starfleet as part of their subcutaneous transponders. While imprisoned on the planet Ekos in 2268, Commander Spock was able to create a crude but powerful laser cutting torch using the crystals in his and James T. Kirk's transponders, and was able to escape from prison. (TOS episode: "Patterns of Force", 1968) Unfortunately, laser cutting torches dependent on rubindium have short ranges, and are unreliable as weapons because the rubindium tends to decrystallize with repeated usages.

The planet Talin IV had large deposits of natural rubindium crystals, which the native Talin recognized as having properties beyond that of normal matter. Because rubindium could potentially detect subspace activity in local space, Starfleet's First Contact Office restricted the use of all subspace-based technologies during their study of the planet. (TOS novel: Prime Directive, 1990) In the 2290s, the Federation discovered large quantities of stable rubindium on one of the inner planets of the star system surrounding Orelte. After lengthy negotiations with the Frunalians, the Federation were able to gain mining rights. (TOS - Crucible novel: The Fire and the Rose, 2006)

Element 121- Boridium (Bo³¹⁷): Boridium, in its most stable form, has an atomic mass of 317, and was discovered by the Federation for the first time through contact with the civilization on Rigel IV. This metal is part of the trans-uranic series of heavy elements. (TOS manual: "Star Fleet Medical Reference Manual", 1977) Topaline, found in rare ore, can be processed to be used to maintain life support systems, and has been known to disrupt sensors. In the 22nd and 23rd centuries, topaline was a highly-prized mineral by the Klingon Empire and the acquisition of the mineral led to several tense engagements with the United Federation of Planets, including Capella IV. (TOS episode & Star Trek 3 novelization: "Friday's Child", 1967; TOS novel: "First Strike", 1996)

Element 122 - Diburnium (Db³¹⁹): Diburnium, in its most stable form, had an atomic mass of 319, and was discovered by Humans and the Federation through contact with the Vulcan civilization. This metal was part of the trans-uranic series of heavy elements. (TOS manual: "Star Fleet Medical Reference Manual", 1977) Diburnium was sometimes used on Rigel VIII for manufacturing furniture, such as bar stools. (TOS novel: "Prime Directive", 1990) An artificial planet that was once a Kalandan outpost was constructed of an alloy of diburnium and osmium, resembling red rock. Its surface was highly resistant to phaser fire, and possessed a melting point in excess of 8,000°C. (TOS episode: "That Which Survives", 1969) Kelvans used a material similar to diburnium in prison bars and device casings. It was much denser and likely resistant to phasers. (TOS episode: "By Any Other Name", 1968) The Giant used a diburnium-based alloy in their Dyson section. (DS9 novel: "Original Sin", 2017)

Element 123 - Murinite (Mu³²⁰): Murinite, in its most stable form, has an atomic mass of 320, and was discovered by the Federation for the first time through contact with the civilization on Rigel IV. This metal is part of the trans-uranic series of heavy elements. (TOS manual: "Star Fleet Medical Reference Manual", 1977) The Hill People of the Argus River region on Rigel IV used murinite to make the handles of the knives... In 2267, one such knife was used to perform several murders on Argelius II. (TOS episode: "Wolf in the Fold", 1967) Murinite could also be carved to create signs. Telsk, a receptionist at the Bureau of Interplanetary Affairs in 2293, had a nameplate carved out of a block of murinite. (TOS - Crucible novel: "The Fire and the Rose", 2006)

Element 124 - Indurite (It³²²): Indurite, in its most stable form, has an atomic mass of 322, and was discovered by the Federation for the first time through contact with the Skorr civilization. This metal is part of the trans-uranic series of heavy elements. (TOS manual: "Star Fleet Medical Reference Manual", 1977) Alar, leader of the Skorr, had his thought patterns preserved in an indurite sculpture called the "Soul of the Skorr". (TAS: the Jihad) In the year 2373, Rom suggested to Quark that Grilka may have had possessions made of indurite. (DS9 - Prophecy and Change short story: "... Loved I Not Honor More", 2003)

Element 125 - Rodinium (Ro³²³): Rodinium, in its most stable form, has an atomic mass of 323, and was discovered by Humans and the Federation through the study of the records found on Vega IX in archaeological research. This metal is part of the trans-uranic series of heavy elements. (TOS manual: "Star Fleet Medical Reference Manual", 1977) Rodinium was of note to Federation science in the 23rd century because of qualities as the hardest known metal when cast for construction purposes. (TOS episode: "Balance of Terror", 1966) As one of the hardest materials known, rodinium was often used in the construction of starships, space stations... within... the Earth Outpost Stations and Bok'Nor-class freighters. (TOS episode: "Balance of Terror", 1966; DS9: "The Maquis, Pt 1", 1994; DS9 novel: "Devil in the Sky", 1995) Docking pylons and cross-bridges of Nor-class stations... were manufactured in 70% rodinium. (DS9 manual: "Star Trek Deep Space Nine Technical Manual", 1998)

Element 126 - Tritanium (Tn³²³): Tritanium, in its most stable form, has an atomic mass of 323, and was discovered by Humans and the Federation for the first time on planet Argus X on stardate 2261, in the early 23^d century. This element is part of the trans-uranic series of heavy elements. (TOS manual: "Star Fleet Medical Reference Manual", 1977) Tritanium was of note to Federation science because of qualities as a strong metal when used in alloys and compounds. In ore could be found on many worlds, including discovery site Argus X. (TOS handbook: "The Star Trek Encyclopedia", 1977; TOS episode, novel: "Obsession", 1967)

Tritanium is 21.4 times as hard as steel. (TOS novel: "Planet of Judgment", 1995) Refined tritanium was used by many races and cultures for construction purposes. For example, the Federation and the Axanarri used tritanium for the hulls of starships while Cardassians used it in the construction of planetary facilities. (TNG episode: "Where Silence Has Lease", 1988; VOY episode: "Repentance", 2001; ENT episode: "Fight or Flight", 2001; DS9 novel: "Devil in the Sky", 1995)

The Klingons also use tritanium aboard their Vor'cha-class starships. (DS9 episode: "Dramatis Personae", 1993) Tritanium and tritanium compounds are also used for certain projectile weapons, such as the TR-116 rifle which was in development by Starfleet in the late 24th century. (DS9 episode: "Field of Fire", 1999) Tritanium in ship construction requires care for optimal living conditions. In 2284, Torias Dax smelled that the crew of USS Excelsior had recently scrubbed the ship's tritanium fixtures when he came aboard. (DS9 - The Lives of Dax short story: "Infinity", 1999)...

Element 127 - Trivium (T_v³²⁸): Trivium, in its most stable form, has an atomic mass of 328, and was discovered by Humans and the Federation for the first time in asteroids in the Deneva system's asteroid belt in the year 2153. This element is part of the trans-uranic series of heavy elements.

Element 128 - Trititanium (T_t³²⁸): Trititanium, in its most stable form, has an atomic mass of 328, and was discovered by Humans and the Federation for the first time on planet Motherlode in the year 2184. This element is part of the trans-uranic series of heavy elements. (TOS manual: "Star Fleet Medical Reference Manual", 1977) Trititanium was named as an extrapolation of another element's name, titanium. Trititanium was of note to Federation science because of qualities as a strong metal when used in alloys and compounds, specifically in the construction of starship hulls. (TOS episode: "Journey to Babel", 1967; TOS novelization: "The Motion Picture", 1979; TOS novel: "In the Name of Honor", 2002)

Element 129 - Tricobalt (Tr³⁶⁰): Tricobalt was a type of explosive that could be used as anything between a small anti-personnel explosive to weapons of mass destruction to destroy large installations such as space stations. The thermokinetic explosion yield of tricobalt was measured in tons or by the amount of subspace distortion produced, in cochranes. (DS9: "Trials and Tribble-ations", 1996; ENT: "Minefield", 2002; VOY: "The Voyager Conspiracy", 1999) According to the "Star Fleet Medical Reference Manual", 1977 (p. 19), the element tricobalt, symbol Tr, atomic weight 332, atomic number 129, was discovered by the Federation on Janus VI in 2192. In ultimately unused dialogue from the final draft script of "Minefield", Malcolm Reed told Jonathan Archer, "Tricobalt puts out a lot of heat... at least five thousand degrees."

Element 139 - Kironide (K_i³⁶⁰): Kironide is an element found in most foodstuffs on the planet Platonius, but it is rare elsewhere as of 2268. When ingested and assimilated by the pituitary gland over extended periods, the substance can promote psychokinesis. On its discovery by the crew of the USS Enterprise on stardate 5784.2, the element had no use; the population had taken advantage of their new-found powers merely for sadistic entertainment purposes. It is unknown what the longterm side effects are. (TOS: "Plato's Stepchildren", 1968)

Element 140 - Corbomite (C_b³⁶¹): Corbomite, in its most stable form, has an atomic mass of 361, and was discovered by Humans and the Federation for the first time on Starbase 27 in the year 2262. This element is part of the trans-uranic series of heavy metals. Interestingly, Kirk seemed to imply (specifically, in both TOS episode: "The Corbomite Maneuver", 1966; and TOS episode: "The Deadly Years", 1967) that corbomite was a fictional material that he made up –but it is listed as having been discovered in 2262 at Starbase 27... Corbomite was [introduced as] an imaginary substance invented by Captain James T. Kirk as a bluff against attack. Describing it as "a material, and a device, which prevents attack on us", Kirk used the corbomite bluff on at least two occasions. "Since the early years of space exploration, Earth vessels have had incorporated into them a substance known as... corbomite." –James T. Kirk, 2266 (TOS episode: "The Corbomite Maneuver", 1966)

In 2266, the USS Enterprise was captured by a vessel of the First Federation, Balok's massive Fesarius. Threatened with imminent destruction, Kirk seized upon the chance comments of Dr. McCoy and Spock for inspiration. On-the-fly, he "explained" the nature of corbomite to his opponent: that it reacts to any destructive energy that touches a Federation vessel, creating a reverse reaction that destroyed the attacker. He went on to advise Balok that since the introduction of corbomite more than two centuries ago, no attacking vessel had survived the attempt. The bluff was successful, ultimately revealing Balok's power and belligerence were similar exaggerations. (TOS episode: "The Corbomite Maneuver", 1966)

A year later, Kirk and his senior officers were stricken with a hyper-aging radiation sickness, forcing the inexperienced Commodore Stocker to take command. Stocker brought the Enterprise into dire peril by ordering the starship into the Romulan Neutral Zone, inviting Romulan attack. By the time Kirk was cured, the starship was under fire from up to ten Birds-of-Prey. Kirk resorted to his corbomite bluff by sending a message to Starfleet in a broken code, warning that activation of the "corbomite device" would destroy the Enterprise and all matter within 200,000 kilometers, leaving behind a "dead zone" to be avoided for the next four years. The Romulans fled the area, allowing the Enterprise to escape. (TOS episode: "The Deadly Years", 1967)

The corbomite reflector was a special ability of Sovereign-class ships in the Star Trek: Armada and the Star Trek: Armada II PC games. It reflected enemy projectiles back to their point of origin, such as another ship and/or a torpedo turret or its equivalent, such as Romulan and Klingon plasma turrets. It is mentioned in-game as having been designed by Geordi La Forge, inspired by Kirk's famous bluff. The alternate reality-set novel "The Assassination Game" portrays Kirk as having used a version of this bluff against Finnegan to avoid being "killed" by the latter in the aforementioned game. He claims to have accidentally made corbomite by spilling chemicals in the chemistry lab. According to Kirk, the substance absorbs the energy of anything that comes in contact with it and returns it several thousand or million times over...

Thermionic Converter: This device is used in a power distribution facility on Quarra. They operated on a rotating frequency and so had to be closely monitored. In 2377, Chakotay, while investigating the apparent brainwashing of the USS Voyager crew on Quarra in the guise of Amal Kotay, was assigned to monitor the thermionic converters. He was the replacement for an expert in thermionic conversion, although he was unaware the expert was Tuvok, who left for 'health reasons.' Chakotay's level 5 aptitude in thermionic conversion made him a suitable substitute, and was apparently substantially better than his skill in microkinetics, rated at level 3. (VOY: "Workforce", 2001)

Valiant Thor's Starship: The USS Valiant (NCC-74210) was a 24th century Federation Defiant-class starship operated by Starfleet. The Valiant was launched from the Antares Ship Yards in 2372 on Stardate 49456.5. It was assigned as a training ship for the elite cadet corps Red Squad under the command of Captain Ramirez... Around 2374, on Stardate 51825, the Valiant rescued Jake Sisko and Ensign Nog from the runabout USS Shenandoah, which was fleeing from a Jem'Hadar attack on Starbase 257... Out of a crew of 35 (plus Nog and Jake), only 3 survived the battle. (DS9: "Valiant", 1998)

Nikola Tesla's Starship: The USS Tesla was a Nebula-class Federation starship in service during the 24th century. The Tesla was one of many Nebula-class vessels to be involved with fighting a major Borg invasion of the Alpha Quadrant in late 2377. (TNG video game: "Armada II") The Tesla was named after Human scientist Nikola Tesla.

Albert Einstein's Starship: The USS Albert Einstein (NCC-85183) was a Federation starship in Starfleet service in the 24th century, commanded by Captain Layne Friedman in the early 2360s decade.

Erico Fermi's Starship: The USS Fermi (NCC-20006) was a Federation starship, an Oberth-class science vessel built to the specifications of the Sagan-subclass, commissioned into Starfleet service in the 24th century. (FASA RPG module: "Star Trek: The Next Generation Officer's Manual", 1988)

Robert Oppenheimer's Starship: Active during the late 2370s decade, the Oppenheimer was one of many Nebula-class starships involved in the fight against the Borg invasion of the year 2377. (TNG video game: "Armada II")

Hermann Oberth's Starship: The USS Oberth (NCC-602) was a 23rd century Federation Oberth-class starship operated by Starfleet. It was the prototype of the class. In 2293, the Oberth was assigned a deep space exploration mission. The ship was named on a Starship Mission Assignments chart on the USS Enterprise-A bridge. (TOS movie: "Star Trek VI: The Undiscovered Country", 1991) Named after Hermann Oberth, an Austrian of German ancestry; a physicist, space travel enthusiast and author of "Die Rakete zu den Planetenräumen" (By Rocket into Planetary Space), 1923. (TOS handbook: "Star Trek Encyclopedia" 3rd Ed., 1994, p. 332)

John von Neumann's Nanoassembler: This device dematerialized existing matter at the atomic level and rematerialized new objects based on a set of pre-programmed molecular patterns. Nanoassemblers were capable of self-replication. In the 20th century, the idea of outfitting a probe with molecular assemblers was explored by Dr. John von Neumann on Earth. (TOS - The Manga - Shinsei Shinsei comic: "Anything But Alone", TOS novel: "Ex Machina", 2020) In the 21st century, a race of sentient von Neumann machines augmented Earth's Voyager 6 probe into the V'Ger entity. (TOS novel: "Ex Machina"; TNG - Cold Equations novel: "The Body Electric", 2012)

By the 23rd century, von Neumann machines had been invented on Ximega I. Scientist Prekraft scanned a community of Ximegans before their sun Ximega went supernova and sent the data aboard a probe to another star system, where the people and their city were recreated with molecular assemblers. But solar flares destroyed the recreation and electromagnetic radiation erased the probe's backups of the peoples' consciousnesses. Prekraft recreated the community a second time, this time using his memories as the template. (TOS - Star Trek: The Manga - Shinsei Shinsei comic: "Anything But Alone", 2006)

In 2280, a Kauld battleship approaching Belle Terre contained hundreds of billions of nanoassemblers. The starship USS Enterprise destroyed the vessel, but inadvertently allowed the nanotech to spread across the planet's atmosphere and form silicon gels in its soil. A built-in failsafe could deactivate their functions. (TOS - New Earth novel: Thin Air) In 2374, nanoassemblers were used on Mars to fabricate components for a new starship. (DS9 - Millennium novel: "The War of the Prophets", 2000)

Lanthanites - ET Humanoid Species: A group of Lanthanites lived among Humans on Earth for thousands of years undetected until the 22nd century. One of them, Pelia, first revealed her species identity to Amanda Grayson. Spock admitted he had always found her people fascinating. In turn, Pelia related that what she found most challenging about her long life span was not the loss of friends and loved ones to time, but instead boredom. (SNW: "The Broken Circle", 2023) Lanthanites were almost indistinguishable from Humans... They possessed an extremely long life span, described as "almost forever". (SNW: "The Broken Circle", 2023) Pelia, herself, was on Earth as early as the time of Pythagoras. (SNW: "Tomorrow and Tomorrow and Tomorrow", 2023)