

Research Letter

A scientific report on the unidentified aerial objects

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1. **Abstract**

A detailed analysis on the engineering and phenomenology with respect to mechanisms of the unidentified aerial objects has been carried out extensively on the letter depicting why they are more advanced and on what mechanisms are they capable of the interstellar & intergalactic travel by virtue of electrohydrodynamics or semi-quantum kinetics.

2. **Introduction**

In this universe containing a trillion galaxies with each galaxies hosting millions of solar systems or explanatory systems it is impossible to believe that we are the only intelligent beings existent on this universe. The fact being said, there are several star systems hosting planets in the goldilocks zone where the water is not too cold to form ice, not too warm to reach the boiling point. The star system could be binary or could be the main sequence starts like our Sun, which may host life's that are intelligent enough for extra-galactic travelers. But, from the perspectives of Earthman's standing at 0.73 Kardashev scale it is surprising to believe that even if there are technologies to go to the neighboring planets, we didn't develop enough advances to reach the farthest planets of our solar system, let alone be the neighboring star systems which is quite likely to be impossible from our technological point of view. The discovery of our universe is not too old, that is only 13.8 billion years with a major unknown portions as the unobservable universe, which is how much large is beyond the expectation values of human imagination, or in other words the light haven't reaches us yet from there. With so much unknown to explore, how can we conclude that we are the only civilizations that are intelligent enough to feel the universe making sense to us through the level-3 consciousness or the Anthropic principle as described by the philosophy of the physical law.

Different UFO sightings over a vast period of times, either through the ancient past or through the present day visualizations through the air force aircrafts, passenger jets, international space stations or even satellite imagery can't deny the existence of the intelligent life's spreading either in our own galaxy from a far away solar system or in other galaxies from which they are making inter-galactic travels over Giga-Parsec scales to see the hereabout of the terrestrial planet Earth enriching with intelligent life's but not so intelligent like them. Then on what ground are we lacking the technologies that our conventional rocketry couldn't achieve till now. The results of this discussion can be found extensively in Ref. [1] dealing with electrohydrodynamics or semi-quantum kinetics which helps or gives tantalizing hints for the interstellar or inter-galactic travel. Regarding UFOs (see Ref. [2, 3]) the first thing that needs to be understood is that, how they are using the interstellar travels irrespective of these odds:

- [1] The need for an unlimited amount of fuel to drive the vast scale propulsion systems.
- [2] The unlimited fuel demands for a gigantic structure which is impossible to be build through engineering techs.
- [3] The constraints of relativistic theory that, the speed of light is constant, so even if the UFOs break the barriers of the relativistic principles then also achieving such a great interstellar or inter-galactic distance takes so much time that the universe might end in such a time-span let alone be the aliens or any mortals in their average lifetime providing the maximal limit their lifespan can be, it's impossible.
- [4] This gives us hint that they may be using something, some form of technology other than the principle of the conservation of the momentum like our traditional rocketry and this technology doesn't make them glide through space rather they are gliding through time.

Therefore, if we believe in all the above 4 propositions then, could our technology can atleast theoretically explain the feasibility of the interstellar travels. Let's focus on 2 hindrances:

- [1] Travelling through the Einstein-Rosen bridge or wormhole requires abundant amount of exotic matter which has still now, not been discovered, so they might be using some form of technologies like repulsive gravity or Anti-Gravity

which makes the gravity bipolar and that is absurd in view of our known physical theories as gravity is monopolar or it attracts rather than repelling matters.

- [2] There could be the possibility of Alcubierre warp drive propulsions by which one can glide through space-time embedding inside a higher dimensional bubble of repulsive gravity with a fixed 1g Earth acceleration throughout the inside UFOs system on the alien astronauts body to prevent him from dying in account of tremendous accelerations (that gets converted to massive gravity; thanks to the principle of equivalence of general relativity).

3. Methodology

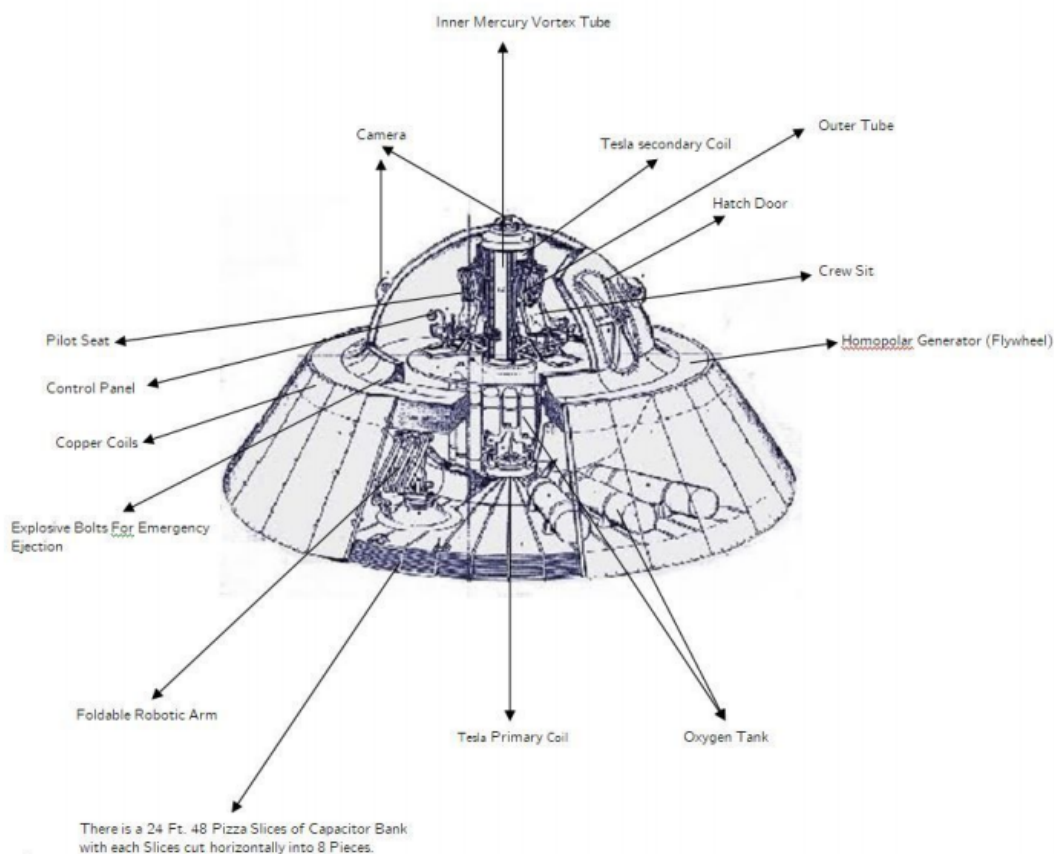
So, to investigate in details, lets point out several factors by which we will organize our paper. The first point will be observational evidences that can be categorized into 2 factors,

- [1] Many sailors have watches the UFOs flying closely above the surface of the sea of various shapes, either cylindrical or delta or oblate discs. However, the most common parameter is that, all of them are seen that, while flying over the water the water level at the bottom of the discs have risen up. Why? The reason can be found with detailed mathematics in Ref. [1, 2, 3] indicating that something repulsive phenomena is going on under the craft. To explain let's review a topic of charge dispersions. Most of the UFOs are disc shaped with a convex hull at the top. They are powered by a technology called the electrohydrodynamics or electro-gravitics that means, there is a central high voltage transformer inside the craft body which sends positively charged ions in the upward hull and negatively charged ions in the downward base. The upper part being convex clearly shows us that the positive ions are facing a steep gradient through which it rolls down the side surface of the hull and meets the negative charged ions at the bottom. On the other hand, the negatively charged ions from the base attracts the positively charged ions and thus gives an upward push which makes the below region of the craft a zone of "upward push" of repulsive gravity which makes anything below the UFO bas rises upwards, be it water in the ocean or chunks of sand/dirt over the land. Through this dispersion mechanism, a electromagnetic-gravitic charge coupling takes place in the form of a toroidal flow and this flow is enough to lift a UFO and hover it in air.
- [2] Pictures of UFO hovering in the air has been seen captured in the video recordings of the humans which suddenly rises upwards and vanishes into thin air with a flash of high frequency blue light. Then where are they going? Are they going superluminal violating relativity with a Doppler blue-shift or are they being teleported. Well, if I say that they are not violating relativity but being teleported then this will not be a problem as they knows how to harness the ZPE or Zero-Point-Energy which can easily warp the space and creates a tunnel in it to teleport objects from one corner of the universe to the other corner of the universe with the time being extremely dilated and constant thereby taking no time for the transportation through the teleporting tunnels. These teleporting tunnels are nothing but a sort of Einstein-Rosen bridges that when subject to high voltage electro-gravitic warp drives then the UFOs are not in essence travelling through the space-time. Rather their destination being fixed, the space from its starting journey is continuously expanded and the space towards its destination has continuously been contracted thereby the UFO is riding an "escalator" where it physically won't move, rather the space expands and contracts according to its destination sending them to a fixed moment in space through constant time. The geometry and mathematics can be found in detail in Ref. [2] where there exists a toroidal field with the structure of a HORN-TORUS having the area element as $(2\pi r) \times (2\pi R)$ and when $r \approx R$ then a high gravity gradient takes place with the UFO being embedded inside a warp bubble of repulsive gravity and the spaceship inside the bubble will be totally free from the outside accelerations thereby making a consistent approach of 1g Earth gravity inside the spaceship without harming the alien astronauts.

To analyze and implement point [2] let us focus on a detailed discussions of theoretical physics as;

- The time that we perceive is 1D locally but in the non-local regime the generators of the Closed Timelike curves and the fountains giving birth to those generators are taking the advantage of the temporal dimensions and time being the 4th dimension can bends due to excessive gravity by relativistic warp phenomena where the past meters future through present and future meets past in a closed contour loop asserting the fact that, [Past – Present – Future] existing simultaneously over a 2D closed loop where the aliens we are seeing can come from 2 different states;
 - ✓ Either they are coming from distant universe by making time as constant parameters.
 - ✓ Or they are our future Earth men's, some 12,000+ years later when we have achieved the optimal technological advances in Kardashev 3.0 scale. So, its totally possible that those crafts are not alien crafts as they seems to us, rather they are time travelling through temporal dimensions by moving back to past which is our present to see the present 9or past from their perspective) Earth just as a source of either curiosity or investigations. Therefore, to travel in space is to travel in time and to travel in time is to travel in space that too within a 2D non-local contour loops without violating any physical laws.

- From the perspectives of the string theory there exists 10 dimensions in the universe, M-Theory asserts 11 dimensions while F-Theory splits 1D time to 2D with 64 degrees of freedom in the form of 12 dimensions. The universe is residing on a bulk of upto maximum 12 space-time dimensions where there exists several lower dimensional 'branes' called Dirichlet(p)-Branes with 'p' stands for the number of dimensions. Just like we live in a brane of Dirichlet(4)-Branes or a 4 space-time dimensional universe. There are higher dimensional branes and over the surface of those branes are the endpoints of the fundamental vibrating strings with 2 forms of boundary conditions, Neumann and Dirichlet resides. To illustrate the properties of the strings, let us denote 2 types and explain them accordingly;
 - ✓ The electromagnetic force carrier photons are open strings with the ends being attached to the branes where due to this attachment the photon can't leaves the p=4 branes and escapes to the higher dimensions.
 - ✓ On the other hand the force mediator of gravity or the Gravitons are a closed string with no endpoints and no boundary conditions. This makes them free from any sort of attachments to the p=4 branes and they can easily move through or leak to higher dimensions and time being the 4th dimensions the UFOs can go beyond the 4th dimension for e.g., say 6th dimensions or even more where they can take shortcut from one 4 dimensional space-time to other portions of 4 dimensional space-time separated by a large time but by a little space which makes the UFOs to travel less as the phrase denotes "to travel in time is to travel in space". This shrinking property is an inert property of dimensions (except large extra dimensions concept) where the more the dimensions are getting higher, the more their size are getting smaller. Now, the question is, what properties of the UFOs are required for their propulsions to harness these facilities over inter-galactic travels.



Mechanisms: From Ref. [2] The shape of the vehicle had been cleverly designed, so as to harness the ZPE of the nature. The vehicle, been highly energized, has to be covered with a lead coating on the outside, to prevent, the high energized X-rays, other UV radiations get inside the vehicle harming the crew and the pilot inside. Therefore, there are cameras outside the circular doom or the pilot-crew cabin, and the pilot has been wearing a glass which provides a 360 degree view of the ambient vehicle space. At the base of the vehicle there are pizza slices of capacitor plates arranged in a (Brown-Biefeld) configuration, as Negative on the bottom and positive on the up. There can be more than 8 capacitors arranged in this fashion with each stacked over the other. There is a giant Tesla coil powered by a DC-Battery of 24 Volts with a Spark Gap and Capacitors with the Primary coil just placed in a gap above the capacitor banks of the base. The secondary coil would act as an amplifier with the discharge to the cathode of another metal column placed inside the secondary coil. The charges from the cathode to the bottom will move up to the anode at the top of the column. Inside that column, there is a third column with its top as a Venturi with a design like Amphora. These columns are filled with Mercury Ions in a partial vacuum state. Now, the crew chamber must be spherical to distribute the pressure equally over all the surface area. And the middle disk (the diametric disc or flywheel) that is attached with the column acts as a "Homopolar generator" with a high rotating speed that centrifuge the electrons to the copper coil turns at the diametric disc edge. There is ample oxygen supply for the crew but the oxygen cylinders have to have an insulated coating. There are 1 crew and 1 pilot accommodation in the spherical dome. There are 2 seats for them with the pilot having 2 types of controllers, a Potentiometer to control the charges of the capacitor and a spherical shell which can rotate 360 degrees, inside which is a laser diode that while revolving the shell, directs the light to the fibre optics attached

to the shell, and these fibre optics have been attached to a Relay, that connects to the sensors attached to each capacitor plate at the base. If the shell, is rotated right-side, the fibre optics activated the relays, which in turn activates the sensors to the right hand side of the capacitor plates, and power is drawn to that side, which makes a movement in the right hand side. Like this way, through the shell, a 360 degree movement could be achieved. Now, as expressed in the explanations, the craft could achieve a warp drive through local distortion of space-time, as a 3- Phase shift function, the Mercury Vortex, The Base Capacitors, The Diametric Coils of the flywheel. The field of the Tesla coil have to be in unison with the mercury of the inner tube. The mercury on high voltage circulates the innermost 3rd column in an orientation opposite to the just outer column inside the secondary coil. This in turn creates a vortex of circulating mercury ions in between the Amphora handle subject to high voltages. This creates an absorption point of the ZPE both from the inside and the outside reducing the mass and inertia of the vehicle making it almost massless, and the velocity increases the more, the more ZPE could be harnessed which in turn reduces more mass making a superluminal vehicle in warp bubble. Perhaps this ZPE, interacts with the Higg's field and creates a 10^{40} Joules of energy to remove it almost completely from the vehicle, making it mass less, however, this is not yet understood properly and is just an assumption.

Therefore, there is no way through which you could in principle un-believed or ruled out the possibility of the aliens, either they are coming from other planets or they are coming from the future Earth a long way forwards in time. The 2D time geometry as seen in Ref. ([4, 5]) is existent with the simultaneity of Past – Present – Future than in principle be harnessed with ZPE inside a gravity bubble free from all the boundary conditions for inter-dimensional travel which in turn will cut short the space of interstellar travel that's in essence gets a performance boost if AC can be superimposed on DC current as the peak and slope of the AC frequency gives a more stronger thrust vector that in turn makes a more brighter coupling between electromagnetism and gravity which is the ultimate focal point of the ZPE.

References:

- [1] Ph.D., P. L. A. (2008). *Secrets of Antigravity Propulsion: Tesla, UFOs, and Classified Aerospace Technology* (Illustrated ed.). Bear & Company.
- [2] Bhattacharjee, D. (2020b). Deciphering the Secrets of UFO Field-Propulsion Technology. Authorea Preprints. Published. <https://doi.org/10.22541/au.160677054.46336226/v1>
- [3] Bhattacharjee, D., Harikant, A., & Singha Roy, S. (2020c). A Scientific Study of the Unidentified Flying Objects in accordance with Anti-Gravity. *International Journal of Scientific Research in Science, Engineering and Technology*, 12–29. <https://doi.org/10.32628/ijsrset20753>
- [4] Bhattacharjee, D. The Gateway to Parallel Universe & Connected Physics. *Preprints* 2021, 2021040350, 1–20, <https://dx.doi.org/10.20944/preprints202104.0350.v1>
- [5] Bhattacharjee, D. Positive Energy Driven CTCs In ADM 3+1 Space – Time of Unprotected Chronology. *Preprints* 2021, 2021040277, 1–7. <https://dx.doi.org/10.20944/preprints202104.0277.v1>