Doc Greene Show June 2018 Interstellar Travel

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Ganymede Rehash

Axial tilts (Wikipedia):

<table>
<thead>
<tr>
<th>Body</th>
<th>Axial tilt (degrees)</th>
<th>R.A. (degrees)</th>
<th>Dec. (degrees)</th>
<th>Rotation (hours)</th>
<th>North Pole</th>
<th>Rotation (deg/day)</th>
<th>IAU, 0 January 2010, 0h TT</th>
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<th>Dec. (degrees)</th>
<th>Rotation (deg/day)</th>
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<td>—</td>
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<td>1.54 (c)</td>
<td>270.00</td>
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<td>530.31 (f)</td>
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<td>312.99</td>
<td>6.16</td>
<td>-56.36</td>
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(a) with respect to the ecliptic of 1850
(b) at 16° latitude; the Sun's rotation varies with latitude
(c) with respect to the ecliptic; the Moon's orbit is inclined 5.16° to the ecliptic
(d) from the origin of the radio emissions; the visible clouds generally rotate at different rate
(f) NASA lists the coordinates of Pluto's positive pole, values in (parentheses) have been reinterpreted to correspond to the north/negative pole

Herbig/Haro string:
Galaxy String

Our local super-cluster (Laniakea):
The Purple Dawn


Originally a brown dwarf star, Saturn’s outer egg-like plasma sheath reflected its dark light inwards to produce a uniform dim purple glow on Earth. Light from outside stars could not be seen on Earth at this time.
Dark World Eyes

Heidelbergensis Skull

Vendramini Neanderthal
A few Mars images, US govt., indigenous, small animals, structures

http://www.bearfabrique.org/blackspace.htm
Brief History of our System:

Ganymede, then Earth, then Mars. Haphazard seeding of Earth; possible later activity on Earth; possible use of Earth as an ark; high tech civilization on Mars.

Escape and the story of Phobos, a Kardashev Class 1 Civilization.

Wikipedia on the idea of a Kardashev Scale

The Kardashev scale is a method of measuring a civilization’s level of technological advancement, based on the amount of energy a civilization is able to use for communication, proposed by Russian astrophysicist Nikolai Kardashev. The scale has three designated categories:

A Type I civilization—also called a planetary civilization—can use and store all of the energy which reaches its planet from its parent star.

A Type II civilization—also called a stellar civilization—can harness the total energy of its planet’s parent star (the most popular hypothetical concept being the Dyson sphere—a device which would encompass the entire star and transfer its energy to the planet(s)).

A Type III civilization—also called a galactic civilization—can control energy on the scale of its entire host galaxy.
The scale is hypothetical, and regards energy consumption on a cosmic scale. It was proposed in 1964 by the Soviet astronomer Nikolai Kardashev. Various extensions of the scale have since been proposed, including a wider range of power levels (types 0, IV and V) and the use of metrics other than pure power.
Interstellar Travel in Ancient Times

Gigantic objects probably designed for escape or involved in some plan for escape.

Phobos, HIRISE image 2008

http://www.rense.com/general20/eisenhowerwh.htm

March 1960 - The Martian moon Phobos, generally accepted as a celestial body, actually may be an artificial satellite launched long ago by an advanced Martian race, according to Dr. S. Fred Singer, special advisor to President Eisenhower on space developments. No mention was made of the other Mars moon, Deimos.

In his published opinion, Dr. Singer backed a claim first made by the Soviet astrophysicist Shklovsky. The Russian scientist's announcement that Phobos was a hollow, artificial satellite, proving the existence of a Martian civilization, set off heated arguments among astronomers. Shklovsky based his decision on a long study of Phobos' peculiar orbit, which other astronomers have noted. The Russian claim has calculations and those of earlier astronomers prove Phobos cannot possibly be an ordinary moon.
Though Dr. Singer said the figures still had to be proved, his Phobos statement in the February Astronautics, rejected other astronomers' objections.

Phobos anomaly/docking station

Ship on Moon
US manned space missions move into black-op lala land in early 1970s…

Younger generations won’t have any memory of this… We started hearing about satellites and the possibility of moon shots when Ike was Pres. and, at times, it seemed that was all anybody ever talked about. “Gotta get to the moon, gotta get to the moon, and gotta get to the moon…” And that was the whole national purpose outside of the Cold War for the entire decade of the 1960s until finally, in 1969, they actually did it. There were a dozen or so of those Apollo missions between 69 and 72 and then, seemingly, the whole thing just petered out and went away. We have a choice of believing that:

- The US government, being in the initial stages of realizing its gigantic national project, determined something like “space travel, yeah, been there, done that, now it’s time to get back to serious business such as perfecting our welfare state and perfecting our system of graft and corruption” or
- Something that they saw messed their minds so badly that the entire project was made into a black op at that point in time.
Conspiracy Theories

https://www.youtube.com/watch?v=Pbn6a0AFfnM

Joni Mitchell and Richard Hall (Looking at conspiracy theories from both sides now):
The Mars images can’t be real:
https://www.youtube.com/watch?v=XxKj_M6q4N8

But we have a secret fleet of interstellar vehicles using electrogravitic technology”
https://www.youtube.com/watch?v=zxElHIGIOI

**Current Interstellar Travel and the TR-3B...**

Rupert Sheldrake and Morphic Fields
https://www.youtube.com/watch?v=JydjryhEi5o

NASA/MSL images positively show US government workers on Mars:

*Shadow of technician servicing MSL rover:*
Woman investigating head of a statue on ground:
The Conundrum
This creates an immediate conundrum. NASA/MSL images DO show US government workers on Mars (along with indigenous humans and small animals) but it is highly unlikely that astronauts would survive any sort of a year-long trip to Mars via anything powered by rocket engines; something substantially better than that would be required.

Interesting discussion:
http://www.abovetopsecret.com/forum/thread965970/pg1

Ben Rich was a key person at the Lockheed "Skunk Works" and the man responsible for the F117 stealth fighter; he is sometimes called the "father of stealth".

The question involves a quote which you read, purportedly from Rich:

"Ben Rich, stated during a 1993, Alumni Speech at UCLA"

"We already have the means to travel among the stars, but these technologies are locked up in black projects and it would take an Act of God to ever get them out to benefit humanity...Anything you can imagine, we already know how to do."

One reply to the question as to a source for that quote was exceedingly interesting:

It sounds like Jan Harzan is the source of these quotes.

This was posted on a forum in 2006 -

Josh,

I will answer for him as I have that data. Jan Harzan is the Director of MUFON O.C. and it is he who heard the statements.

Well, it just so happens that Jan was the source of the rumor that Ben Rich made statements in a presentation he gave to the group of engineers which happened to be members of a UCLA Alumni association who were invited to hear this presentation by Ben Rich on March 23, 1993.

The late Ben R. Rich, a UCLA School of Engineering alumnus (MS '50) who is known as the "Father of Stealth," is recognized as one of the best aircraft engineers in the world and led development of the heralded F-117 stealth fighter.

Knowing Jan, I called him to clarify what Ben said at this presentation to UCLA engineering alumni. I work at UCLA and am only steps away from the engineering building.
Here is what Jan, a Senior Project Executive with Boeing told me about Ben's presentation:

- Ben showed slides and went through the history of the Skunk Works. Showed pics of U2 and SR-71 and drones that no one had seen before.

- The kicker was the last slide. It showed a black disk headed for space. Ben showed this and made the statement, "We now have the technology to take ET home". He made this statement in 1993, but did not say how long we have had this tech.

There was a Q&A after the lecture. In this Q&A, he told the engineers that it was now possible to travel to the stars. There was an error in the equations which was corrected. The time of travel is fast, but he didn't say how fast.

Ben said he believed that security was too oppressive and that the time had come to develop this technology in the commercial world now that the cold war has ended. Months later he died of cancer.

Jan is going to consult with his friend Tom who was also present and do an article on this in a future MUFON Journal.

- Bill Hamilton

The quote from Ben Rich is part of a big picture view which seems to be coming into focus. Other parts of that picture would include Paul LaViolette's discussions of Biefeld/Brown propulsion and the various discussions you see around the net regarding the TR-3B. It begins to appear that the US government has had technology vastly better than rocket propulsion for some time now.

**Biefeld/Brown Propulsion**

Dr. Paul LaViolette describes the situation.

Corporate interest as of 1955:

**11.3 Corporate Interest**

In December of 1955 *Aviation Report* noted that corporate interest in antigravity research was widening: *(12)*

**ELECTRO-GRAVITICS EFFORT WIDENING**

*Companies studying the implications of gravitics* are said in a new statement, to include Glenn Martin, Convair, Sperry-Rand, Sikorsky, Bell, Lear Inc. and Clark Electronics. Other companies who have previously evinced interest include Lockheed, Douglas and Hiller. The remainder are not disinterested, but have not given public support to the new science – which is widening all the time. The approach in the U.S. is in a sense more ambitious than might have been expected.

*Aviation Report*, December 9, 1955

Interest in this new field apparently spread quite rapidly, because report GRG 013/56, published two months later, noted that most major aviation companies in the United States were interested in electrogravitics: *(13)*

Groups are being organised to study electrostatic and electromagnetic phenomena. Most of the industry’s leaders have made some reference to it. Douglas has now stated that it has counterbary on its work agenda but does not expect results yet awhile. Hiller has referred to new forms of flying platform, Glenn Martin say gravity control could be achieved in six years, but they add that it would entail a Manhattan District type of effort to bring it about. Sikorsky, one of the pioneers, more or less agrees with the Douglas verdict and says that gravity is tangible and formidable, but there must be a physical carrier for this immense trans-spatial force. This implies that where a physical manifestation exists, a physical device can be developed for creating a similar force moving in the opposite direction to cancel it. Clarke Electronics state they have a rig, and add that in their view the source of gravity’s force will be
Paul LaViolette Lecture in three parts describing electrogravitics and Biefeld/Brown propulsion:

https://www.youtube.com/watch?v=eBhsz3iXgGk
https://www.youtube.com/watch?v=ZolhwdRtumE
https://www.youtube.com/watch?v=8wGXWpqQOuw

LaViolette speaks of the current state of B/B propulsion and the question as to whether present technology would suffice for travel within our own system around minute 1:40 of part 2 of this three part video.

Dr. LaViolette uses the term UFO as a catchall to include secret/black government projects as well as any “alien” projects/operations, if any such exist.

Thomas Townshend Brown Family Website

http://www.thomastownsendbrown.com/library.htm

Demonstration of Biefeld/Brown effect
https://www.youtube.com/watch?v=VrWPnBOU5ew&t=59s

Further discussion of Biefeld/Brown effect:
https://www.youtube.com/watch?v=h9CAftwO1x8&feature=youtu.be&t=24m39s

Ed Fouche discusses the TR-3b
https://www.youtube.com/watch?v=Cc1IrnEkH0g

The TR-3B

When a government agency like NASA keeps big secrets from the public, it invites conspiracy theories, but if the TR-3B is a conspiracy theory, it’s a pretty big one:

https://www.google.com/search?client=opera&q=tr-3b&sourceid=opera&ie=UTF-8&oe=UTF-8
Numerous eye witness accounts describe this thing as being exceptionally large and as being capable of maneuvers which would kill any humans inside it under normal conditions. At least one expert analysis amounts to a claim that the TR-3B does not involve normal physics. The claim is that gravity is being reduced by just over 90%:

https://www.youtube.com/watch?v=zxEIyHlGIOI

Artists conceptions of TR-3B are taken from eye witness accounts…

Again, when a government agency like NASA keeps big secrets from the public, it invites conspiracy theories and, in this case, all that we have is a choice between two flavors of conspiracy theories:

1. We can believe that all of the MSL images which NASA has published so far are totally fake, taken from some secret place on Earth, and that the whole idea of a NASA probe rolling around on Mars is fiction along with the images which clearly show humans and small animals, or
2. We can believe that the US government has some vastly better way of getting astronauts to and from Mars (again they would not survive a year-long trip via anything powered by rocket engines) than we have been led to believe.
Distance and time:

From the descriptions, particularly that of Ben Rich, you would assume that the TR-3B is an interstellar vehicle, unencumbered by any of Albert Einstein’s ideas about time or space being deformable. Distance for a falling object or something experiencing a $1g$ acceleration from a start point is just the area under a time/velocity graph, i.e. from Wikipedia:

Equations  [edit]

<table>
<thead>
<tr>
<th>Distance $d$ (in meters) travelled by an object falling for time $t$ (in seconds):</th>
<th>$d = \frac{1}{2} gt^2$</th>
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<tbody>
<tr>
<td>Time $t$ taken for an object to fall distance $d$ :</td>
<td>$t = \sqrt{\frac{2d}{g}}$</td>
</tr>
<tr>
<td>Instantaneous velocity $v_i$ of a falling object after elapsed time $t$ :</td>
<td>$v_i = gt$</td>
</tr>
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Where $g = \text{more or less } 9.9 \text{ m/second-squared}$

1 LY = more or less $9.45 \times 10^{15}$ meters

Proxima Centauri is roughly 4.24 LY from Earth.

If you ignore the .25 LY, the math says it would take about 450 days to get there. If you increase the constant acceleration to $20g$, you’d be looking at 100 days more or less.

The really ugly conspiracy theory

Again, when governments and government agencies keep big secrets, they invite conspiracy theories, and there is one particularly ugly conspiracy theory possible in this whole picture of US government operations on Mars. That would be the possibility which was under discussion at the secret space program conference at Bastrop Texas in the late part of 2015: the idea that elites might be planning to move themselves, their families, and enough technical people and workers to operate a technological society to Mars, sterilize this planet for the glory of Gaia and then, a century or century and a half later, move back to this planet which would have become a Malthusian Paradise.

The US government needs to pull all of these programs out of black-op lala land and put any sort of questions like that one to rest.

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