**Richard Charles Hoagland 1945- - Wiikipedia Sept 18 2015**

https://en.wikipedia.org/wiki/Richard\_C.\_Hoagland

 

  

**Richard Charles Hoagland** (born April 25, 1945), is an American author, and a proponent of various [conspiracy theories](https://en.wikipedia.org/wiki/Conspiracy_theories) about [NASA](https://en.wikipedia.org/wiki/NASA), lost alien civilizations on the [Moon](https://en.wikipedia.org/wiki/Moon) and on [Mars](https://en.wikipedia.org/wiki/Mars) and other related topics.

His writings claim that advanced civilizations exist or once existed on the Moon, Mars and on some of the moons of [Jupiter](https://en.wikipedia.org/wiki/Jupiter) and [Saturn](https://en.wikipedia.org/wiki/Saturn), and that NASA and the [United States government](https://en.wikipedia.org/wiki/Federal_government_of_the_United_States) have conspired to keep these facts secret. He has advocated his ideas in two published books, videos, lectures, interviews,[[5]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-6)[[6]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-camelot2007-7) and press conferences.[[7]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-NPC-8)[[8]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-9)

Hoagland has been described by [James Oberg](https://en.wikipedia.org/wiki/James_Oberg) of [*The Space Review*](https://en.wikipedia.org/wiki/The_Space_Review), [Phil Plait](https://en.wikipedia.org/wiki/Phil_Plait) of [Badastronomy.com](https://en.wikipedia.org/wiki/Badastronomy.com#Badastronomy.com), and [Ralph Greenberg](https://en.wikipedia.org/wiki/Ralph_Greenberg), a professor at [Washington University](https://en.wikipedia.org/wiki/Washington_University), as a conspiracy theorist and [fringe](https://en.wikipedia.org/wiki/Fringe_theory) [pseudoscientist](https://en.wikipedia.org/wiki/Pseudoscience).[[9]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-darkside-10)[[10]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-nonsense-11)[[11]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-greenberp-12)

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**Background**

According to Hoagland's *curriculum vitae*[[2]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-fbpage-2) he was a Curator of Astronomy and Space Science at the [Springfield Science Museum](https://en.wikipedia.org/wiki/Springfield_Science_Museum), 1964–1967, and Assistant Director at the [Gengras Science Center](https://en.wikipedia.org/wiki/The_Children%27s_Museum,_Connecticut)[[note 2]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-13) in [West Hartford, Connecticut](https://en.wikipedia.org/wiki/West_Hartford,_Connecticut), 1967–1968, and a Science Advisor to [CBS News](https://en.wikipedia.org/wiki/CBS_News) during the [Apollo program](https://en.wikipedia.org/wiki/Project_Apollo), 1968–1971. In July 1968, Hoagland filed a copyright registration for a planetarium presentation and show script called *The Grand Tour*.[[12]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-14) In 1969, he was contracted by the [Grumman Aircraft Engineering Corporation](https://en.wikipedia.org/wiki/Grumman) to write a chapter about the Moon for a [press book](https://en.wikipedia.org/wiki/Pressbook).[[*citation needed*](https://en.wikipedia.org/wiki/Wikipedia:Citation_needed)] The Grumman publication was intended to educate members of the media and government officials concerning the [Apollo Lunar Module](https://en.wikipedia.org/wiki/Apollo_Lunar_Module).

A popular [planetarium](https://en.wikipedia.org/wiki/Planetarium) lecturer at the Springfield Science Museum, Hoagland produced a program called "Mars: Infinity to 1965" to coincide with the [Mariners 3 and 4](https://en.wikipedia.org/wiki/Mariner_program) missions.[[13]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-15) Charles Renaud produced[[14]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-16) a radio program for [WTIC (AM)](https://en.wikipedia.org/wiki/WTIC_%28AM%29) in [Hartford, Connecticut](https://en.wikipedia.org/wiki/Hartford,_Connecticut), *The Night of the Encounter*, which covered the July 14, 1965 [Mariner 4](https://en.wikipedia.org/wiki/Mariner_4) flyby of the planet Mars.[[note 3]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-17) Hoagland was interviewed for the program at the Springfield Science Museum by WTIC announcer [Dick Bertel](https://en.wikipedia.org/wiki/Dick_Bertel).

In 1976, Hoagland, an avid [*Star Trek*](https://en.wikipedia.org/wiki/Star_Trek) fan, initiated a letter-writing campaign that successfully persuaded President [Gerald Ford](https://en.wikipedia.org/wiki/Gerald_Ford) to name the first [Space Shuttle](https://en.wikipedia.org/wiki/Space_Shuttle) the [*Enterprise*](https://en.wikipedia.org/wiki/Space_Shuttle_Enterprise), replacing the previously slated name for the prototype vehicle, *Constitution*.[[15]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-18)[[note 4]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-19) The *Enterprise* was rolled out for public display on September 17, 1976, [Constitution Day](https://en.wikipedia.org/wiki/Constitution_Day_%28United_States%29).

Hoagland authored the book *The Monuments of Mars: A City on the Edge of Forever* (published in 1987), and co-authored the book *Dark Mission: The Secret History of NASA*, which was ranked 21st on November 18, 2007 on [The New York Times Best Seller list](https://en.wikipedia.org/wiki/The_New_York_Times_Best_Seller_list) for paperback nonfiction.[[16]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-20) [Richard Grossinger](https://en.wikipedia.org/wiki/Richard_Grossinger), the founder of [North Atlantic Books](https://en.wikipedia.org/wiki/North_Atlantic_Books), writes that *Monuments* became the most successful title published by North Atlantic, and that at its peak the book sold over 2000 copies per month.[[17]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-grossinger-21) Grossinger also reports that Hoagland wrote much of the book while in [Los Angeles county jail](https://en.wikipedia.org/wiki/Men%27s_Central_Jail).[[17]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-grossinger-21)

Hoagland runs *The Enterprise Mission* website,[[18]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-22) which he describes as "an independent NASA watchdog and research group, the Enterprise Mission, attempting to figure out how much of what NASA has found in the solar system over the past 50 years has actually been silently filed out of sight as classified material, and therefore totally unknown to the American people."[[19]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-23)

Hoagland appeared regularly as the "Science Advisor" for [*Coast to Coast AM*](https://en.wikipedia.org/wiki/Coast_to_Coast_AM), a late-night [radio talk show](https://en.wikipedia.org/wiki/Talk_radio), until being replaced by Robert Zimmerman in July 2015.[[20]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-CtCGuest-24)

While Hoagland makes frequent reference to his receipt of the "International Angstrom Medal for Excellence in Science" in August 1993, the organization that awarded the medal, The Angstrom Foundation Aktiebolag, founded by Lars-Jonas Ångström, was not authorized by [Uppsala University](https://en.wikipedia.org/wiki/Uppsala_University) or the [Royal Swedish Academy of Sciences](https://en.wikipedia.org/wiki/Royal_Swedish_Academy_of_Sciences) to make use of the academy's [Anders Jonas Ångström](https://en.wikipedia.org/wiki/Anders_Jonas_%C3%85ngstr%C3%B6m) memorial medal. The academy has long authorized only Uppsala University to use their medal for the Ångström's Prize (*Ångströms premium*), awarded yearly by Uppsala professors to physics students. Mr. Ångström stated in May 2000 that although his award to Hoagland was a mistake, he acted with good faith and with good intentions.[[3]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-rich-ang-3)[[21]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-cnndebunk-25)[[22]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-26)[[23]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-credentials-27)

**Claims by Hoagland**

Hoagland has proposed a form of [physics](https://en.wikipedia.org/wiki/Physics) he calls "hyperdimensional physics",[[24]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-physicslab-28)[[25]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-HoagWilcock-29) which he claims represents a more complete implementation of [James Clerk Maxwell](https://en.wikipedia.org/wiki/James_Clerk_Maxwell)'s original 20 [quaternion](https://en.wikipedia.org/wiki/Quaternion) equations,[[26]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-BeardenMax-30) instead of the original [Maxwell's equations](https://en.wikipedia.org/wiki/Maxwell%27s_equations) as amended by [Oliver Heaviside](https://en.wikipedia.org/wiki/Oliver_Heaviside) commonly taught today.[[27]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-31) These ideas are rejected by the mainstream physics community as unfounded.[[28]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-quantumleaps-32)[[29]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-33)[[30]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-34)[[31]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-35)[[32]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-36)

Hoagland claims the "[Face on Mars](https://en.wikipedia.org/wiki/Cydonia_%28region_of_Mars%29)" is part of a city built on [Cydonia Planitia](https://en.wikipedia.org/wiki/Cydonia_Planitia) consisting of very large [pyramids](https://en.wikipedia.org/wiki/Pyramids) and mounds arranged in a geometric pattern.[[33]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-robbins-face1-37) To Hoagland, this is evidence that an advanced civilization might once have existed on Mars.[[33]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-robbins-face1-37) Since it was originally first imaged, the "face" has been near-universally accepted as an [optical illusion](https://en.wikipedia.org/wiki/Optical_illusion),[[11]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-greenberp-12) an example of the psychological phenomenon of [pareidolia](https://en.wikipedia.org/wiki/Pareidolia).[[28]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-quantumleaps-32)[[34]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-cnnface-38)[[35]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-39) Similar optical illusions can be found in the geology of [Earth](https://en.wikipedia.org/wiki/Earth);[[36]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-40) examples include the [Old Man of the Mountain](https://en.wikipedia.org/wiki/Old_Man_of_the_Mountain), the [Pedra da Gávea](https://en.wikipedia.org/wiki/Pedra_da_G%C3%A1vea), and [Stac Levenish](https://en.wikipedia.org/wiki/Stac_Levenish).[[37]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-41)

Although the [Pioneer 10 plaque](https://en.wikipedia.org/wiki/Pioneer_plaque) was designed entirely by [Carl Sagan](https://en.wikipedia.org/wiki/Carl_Sagan), [Linda Salzman Sagan](https://en.wikipedia.org/wiki/Linda_Salzman_Sagan), and [Frank Drake](https://en.wikipedia.org/wiki/Frank_Drake),[[38]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-Posner-42) Hoagland has inaccurately asserted that he co-created the plaque with [Eric Burgess](https://en.wikipedia.org/wiki/Eric_Burgess).[[39]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-43)

**Responses by scientists**

Many scientists have responded to Hoagland's claims and assertions. Professional astronomer [Phil Plait](https://en.wikipedia.org/wiki/Phil_Plait) described Hoagland as a [pseudoscientist](https://en.wikipedia.org/wiki/Pseudoscientist) and his claims as ridiculous.[[10]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-nonsense-11) Plait has also criticized Hoagland for having no university degree.[[21]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-cnndebunk-25) Prof. Ralph Greenberg asserted that the logic of Hoagland's deductions from the geometry of [Cydonia Mensae](https://en.wikipedia.org/wiki/Cydonia_Mensae) is flawed[[11]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-greenberp-12) and says that he is not a trained scientist in any sense. The claim that the crashing of the *Galileo* orbiter into Jupiter caused a "mysterious black spot" on the planet has since been disputed by both NASA and Plait. There is photographic evidence that a similar "black spot" was present in imagery of Jupiter taken in 1998. A second image referenced by Plait shows a dark ring which looks similar to the spot Hoagland cited.[[40]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-44) In 1995, [Malin Space Science Systems](https://en.wikipedia.org/wiki/Malin_Space_Science_Systems), NASA prime contractor for planetary imaging, published a paper critiquing claims that the "city" at Cydonia is artificial, the claimed mathematical relationships, and — very specifically — denying any claims about concealing questionable data from the public.[[41]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-45)

In October 1997, Hoagland received the [Ig Nobel Prize](https://en.wikipedia.org/wiki/Ig_Nobel_Prize) for Astronomy "for identifying artificial features on the moon and on Mars, including a human face on Mars and ten-mile high buildings on the far side of the moon." The prize is a parody award given for outlandish or "trivial" contributions to science.[[4]](https://en.wikipedia.org/wiki/Richard_C._Hoagland#cite_note-ignobel-5)

**Publications**

**Books**

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* Hoagland, Richard C. (2015). Grossinger, Richard, ed. *New Horizon ... for a Lost Horizon, chapter in : Pluto: New Horizons for a Lost Horizon*. North Atlantic Books. p. 312. [ISBN](https://en.wikipedia.org/wiki/International_Standard_Book_Number) [978-1583948972](https://en.wikipedia.org/wiki/Special:BookSources/978-1583948972).

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**Videos**

* Hoagland, Richard C. (Author (with [NASA Lewis Research Center](https://en.wikipedia.org/wiki/Glenn_Research_Center))) (1990). *Monuments of Mars: City on the Edge of Forever* (VHS tape). Cleveland, OH: NASA Lewis Research Center. [OCLC](https://en.wikipedia.org/wiki/OCLC) [23350482](https://www.worldcat.org/oclc/23350482).
* Hoagland, Richard C. (Executive Producer, Writer (with Geline, Robert J.)) (1992). *The Monuments of Mars: A Terrestrial Connection* (VHS tape). New York: BC Video Inc. [OCLC](https://en.wikipedia.org/wiki/OCLC) [41520112](https://www.worldcat.org/oclc/41520112).
* Hoagland, Richard C. (1996). *Hoagland's Mars, Vol. 1, The NASA-Cydonia Briefings* (VHS tape). Venice, CA: UFO Central Home Video. [OCLC](https://en.wikipedia.org/wiki/OCLC) [41559991](https://www.worldcat.org/oclc/41559991). Short version, revised and updated
* Hoagland, Richard C. (Disk 1: "The Gods of Cydonia: The Case for Ancient Artificial Structures in the Solar System") (2005). *God, Man and ET: The Question of Other Worlds in Science, Theology, and Mythology* (DVD). Venice, CA: Knowledge 2020 Media. [OCLC](https://en.wikipedia.org/wiki/OCLC) [58528205](https://www.worldcat.org/oclc/58528205).

**Notes**

 A private award presented to Hoagland by Lars-Jonas Ångström in Washington, D.C., August 1993; not to be confused with the long-established Ångström's Prize (*Ångströms premium*), awarded yearly by professors at [Uppsala University](https://en.wikipedia.org/wiki/Uppsala_University) to physics students.

  [The Children's Museum](https://en.wikipedia.org/wiki/The_Children%27s_Museum,_Connecticut), formerly The Science Center of Connecticut, is home to the [Gengras Planetarium](http://www.thechildrensmuseumct.org/planetarium/about-the-planetarium/).

  The WTIC radio program, *A Night of Encounter* (submission title), was submitted by WTIC President Paul W. Morency as an entry for a [Peabody Award](https://en.wikipedia.org/wiki/Peabody_Award), but it did not win. Contrary to what Hoagland states on his [biography page](http://www.enterprisemission.com/hoagland.html), the program was not nominated for the award since there is no intermediate level of competition. All winners are chosen directly from the entire field of accepted entries. The entry form, along with an archival 7" 45 rpm [gramophone](https://en.wikipedia.org/wiki/Gramophone_record) audio recording of the program, are currently being held at the Hargrett Rare Book and Manuscript Library at the [University of Georgia](https://en.wikipedia.org/wiki/University_of_Georgia) Libraries in [Athens, Georgia](https://en.wikipedia.org/wiki/Athens,_Georgia). WTIC announcer Dick Bertel hosted the program and interviewed Hoagland. The program also featured a conversation between Hoagland and astronomer Dr. [Robert S. Richardson](https://en.wikipedia.org/wiki/Robert_S._Richardson), associate director of the [Griffith Observatory](https://en.wikipedia.org/wiki/Griffith_Observatory).

* 1.  In ["Why 'Enterprise?'"](http://www.enterprisemission.com/enterpri.html), *The Enterprise Mission* credits the 1976 Space Shuttle letter-writing campaign as being "organized by Richard C. Hoagland and a small group of associates, including White House consultant, [Jerome Glenn](https://en.wikipedia.org/wiki/Jerome_C._Glenn)." Glenn is the co-founder and Director of The Millennium Project, a think tank. His [résumé](http://www.millennium-project.org/millennium/resume/jglenn.html) posted on his organization's website mentions that he was "instrumental in naming the first Space Shuttle the Enterprise."

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  [Richard C. Hoagland](https://www.facebook.com/RichardC.Hoagland) on [Facebook](https://en.wikipedia.org/wiki/Facebook)

  ["rich-ang.jpg"](http://www.enterprisemission.com/images/rich-ang.jpg). The Enterprise Mission. Retrieved April 18, 2013. Image of an [Anders Jonas Ångström](https://en.wikipedia.org/wiki/Anders_Jonas_%C3%85ngstr%C3%B6m) memorial medal of the [Royal Swedish Academy of Sciences](https://en.wikipedia.org/wiki/Royal_Swedish_Academy_of_Sciences) and Lars-Jonas Ångström with Richard C. Hoagland in Washington, D.C.

  ["The 1997 Ig Nobel Prize Winners"](http://improbable.com/ig/ig-pastwinners.html#ig1997). Improbable Research, Inc. Retrieved April 18, 2013.

  Grossinger, Richard, ed. (1986). "The 'Face' on Mars". *Planetary Mysteries: Megaliths, Glaciers, the Face on Mars, and Aboriginal Dreamtime*. Berkeley: [North Atlantic Books](https://en.wikipedia.org/wiki/North_Atlantic_Books). [ISBN](https://en.wikipedia.org/wiki/International_Standard_Book_Number) [978-0-938190-90-5](https://en.wikipedia.org/wiki/Special:BookSources/978-0-938190-90-5).

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  ["NASA Cover-Ups Continue"](http://web.archive.org/web/20071103004632/http:/press.org/calendar/calendarday.cfm?whatday=30&&whatyear=2007&&whatmonth=10). [National Press Club](https://en.wikipedia.org/wiki/National_Press_Club_%28United_States%29). The news conference was sponsored by the Enterprise Mission. October 30, 2007. Archived from [the original](http://press.org/calendar/calendarday.cfm?whatday=30&&whatyear=2007&&whatmonth=10) on November 3, 2007. Retrieved November 16, 2012. Two [press releases](https://en.wikipedia.org/wiki/Press_release) were issued by *The Enterprise Mission* website announcing the [30 October 2007 National Press Club new conference](http://www.enterprisemission.com/NPC2007.htm), dated October 22, 2007 and October 30, 2007. Video excerpt: ["Richard C. Hoagland Press Conference - October 30, 2007"](https://www.youtube.com/watch?v=bzoSi518QRs). YouTube. Uploaded by user aparfrey on February 16, 2009.

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**External links**

* [Official website](http://www.enterprisemission.com)

**Hoagload biography sites**

* [Richard C. Hoagland - Guests - Coast to Coast AM](http://www.coasttocoastam.com/guest/hoagland-richard-c/5605) Richard C. Hoagland's biography and list of guest appearances on *Coast to Coast AM*.
* [Richard C. Hoagland](http://www.imdb.com/name/nm3019485/) at the [Internet Movie Database](https://en.wikipedia.org/wiki/Internet_Movie_Database)
* [Richard C. Hoagland](http://www.isfdb.org/cgi-bin/ea.cgi?21120) at the [Internet Speculative Fiction Database](https://en.wikipedia.org/wiki/Internet_Speculative_Fiction_Database)
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* Exposing PseudoAstronomy Podcast
  + [Ep 26: Richard C. Hoagland, Part 1 - 19.5°](http://podcast.sjrdesign.net/shownotes_026.php)
  + [Ep 59: The Face on Mars, Part 1](http://podcast.sjrdesign.net/shownotes_059.php)
  + [Ep 60: The Face on Mars, Part 2](http://podcast.sjrdesign.net/shownotes_060.php)
  + [Ep 68: Expat in Hoaglandia: A Fantasia of NASA Conspiracies](http://podcast.sjrdesign.net/shownotes_068.php)
  + [Ep 72: Solar System Mysteries "Solved" by PseudoScience, Part 1 - Iapetus](http://podcast.sjrdesign.net/shownotes_072.php)
  + [Ep 79: Is the Movie "John Carter" a Leak by Those "In the Know?"](http://podcast.sjrdesign.net/shownotes_079.php)
  + [Ep 82: How to Design a Hyperdimensional Physics Experiment](http://podcast.sjrdesign.net/shownotes_082.php) - Discusses Hoaglands claims about [torsion physics](https://en.wikipedia.org/w/index.php?title=Torsion_physics&action=edit&redlink=1) and how to go about testing them.
  + [Ep 88: Is Phobos Hollow?](http://podcast.sjrdesign.net/shownotes_088.php) - Discussion of Richard Hoaglands 2010 claims that the [Martian](https://en.wikipedia.org/wiki/Mars) moon, [Phobos](https://en.wikipedia.org/wiki/Phobos_%28moon%29) is hollow.

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