



All aboard the Earth 300! Enormous 984-foot-long nuclear-powered exploration vessel the same size as the world's largest cruise ship could launch with 160 scientists on board by 2025

By Ryan Morrison For Mailonline

11:39 13 Apr 2021, updated 14:33 13 Apr 2021



80
shares

 184 comments

- The large vessel will be able to carry 400 people including 160 scientists and 165 crew as it travels the world
- It contains 22 cutting edge laboratories that come equipped with artificial intelligence and robotics systems
- It is powered by a Molten Salt Reactor, a type of nuclear power generator that operates at low pressure
- Its developers say it unites both science and exploration to take on some of the biggest challenges on Earth
- These major challenges include climate change, food and water security, education and global pandemics



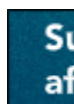
Recognised University Partners
MDIS

 Open

An emission-free 'nuclear powered' 984ft-long science exploration vessel, as large as the world's longest cruise ship will launch in 2025 with 22 cutting edge laboratories and over 400 people on board.

The Earth 300 vessel has been designed to 'unite science and exploration to confront Earth's greatest challenges,' according the founder of Iddes Yacht, manufacturer of the ship, Salas Jefferson, who says it will cater for about 160 scientists at one time.

ADVERTISEMENT



The ship will be packed with green technology, a 'science sphere', and will be powered by a Molten Salt Reactor, a type of nuclear power generator that uses molten fluoride salts as a coolant and operates at low pressure.

When launched, it will act as an 'extreme technology platform for science, exploration and innovation at sea', according to Iddes, who say its 22 laboratories will be equipped with robotics and artificial intelligence systems.

Scroll down for video





The Iddes Yacht vessel has been designed to 'unite science and exploration to confront Earth's greatest challenges,' according founder Salas Jefferson, who says it will cater for about 160 scientists at one time



The ship will be packed with green technology, a 'science sphere', and will be powered by a Molten Salt Reactor, a type of nuclear power generator that uses molten fluoride salts as a coolant and operates at low pressure

THE EARTH 300 IN NUMBERS

- Length: 300 metres



- **22 Laboratories**
- **20 VIP Cabins**
- **160 Scientists**
- **20 Experts-in-Residence**
- **20 Students**
- **40 VIP Guests**
- **165 Crew**

Featuring naval architecture by the NED Project, Earth 300 will introduce 'features found on cruise, expedition, research and luxury yachts but she will be none of them,' said Earth 300 chief executive Aaron Olivera.

The firm behind the design say it will have a 'science city' inside a huge sphere, an observation deck and an interior dedicated to scientific research and expedition.

The design phase for the vessel is done, with construction due to begin soon on the massive floating city that will be larger than the Titanic and about the length of three soccer pitches.

The Earth 300 will also carry a fleet of advanced underwater vessels to help with deep-sea studies, and a helicopter to allow people to travel to and from the ship and explore the ocean from the air, according to Jefferson.

'We wanted to create a design that would inspire. When one looked at the sphere, we wanted them to be inspired to protect Earth,' he said in a statement.

ADVERTISEMENT



'When one would walk into the sphere, now housing the science city, and felt the action of all the ongoing scientific works, we wanted them to be inspired to become an alchemist of global solutions.'

Accommodation will be for a total of 160 scientists, 20 experts-in-residence, 20 students, 40 VIP guests and 165 crew to support the residents and visitors on board

NEWZIT

[LIVE TOP STORIES](#)



[Three royals 'didn't acknowledge Prince Harry' before or after Philip's funeral](#)



[Daily Star 6hrs ago](#)

[See more versions](#)



[Good Morning Britain's Susanna Reid shows off stylish new hairdo after 'losing four inches'](#)



[Daily Mirror 55mins ago](#)

[See more versions](#)



[Simple way Kate got Harry and William to talk](#)



[Metro 10mins ago](#)
[See more versions](#)



[Meghan Markle accused of 'bewildering PR stunt'](#)



[Daily Star 2hrs ago](#)
[See more versions](#)



[The Prince Harry may delay going back to Meghan](#)



[The Sun 4hrs ago](#)
[See more versions](#)



[David Beckham greets Kim Kardashian with a friendly hug and kiss while wife Victoria hilariously pulls her signature poker face at Miami party.](#)





When launched it will act as an 'extreme technology platform for science, exploration and innovation at sea', according to Iddes, who say its 22 laboratories will be equipped with robotics and artificial intelligence systems



Featuring naval architecture by the NED Project, Earth 300 will introduce 'features found on cruise, expedition, research and luxury yachts but she will be none of them,' said Earth 300 chief executive Aaron Olivera

The vision is that the leading scientists on board will be working in collaboration to bring rapid, far-reaching solutions to market, according to the website for Earth 300.

'At the same time, it offers an open source platform for the global scientific community to take advantage of, as well as providing a backdrop for citizen science and intrepid, meaningful exploration.'

There are a number of areas the ship and its crew plan to explore, including water and food



'Food security depends on water security, they're inextricably linked. The world is running out of clean, fresh water to feed and nourish a growing global population and maintain the health of our planet,' the firm said.

RELATED ARTICLES



Incredible 210ft-long prototype yacht with a helipad, swimming pool and its own submarine will be dragged along by a huge KITE - but it doesn't have a price or launch date yet



Swan-shaped luxury superyacht concept with a detachable 'head' that acts as both the cockpit and a secondary boat is unveiled by an Italian designer for \$500 million



Holographic David Attenborough will describe plants from Kew Gardens on people's phones as part of a £4.4 MILLION augmented reality app to 'demonstrate the power of 5G'



Blue sky thinking! Google co-founder Sergey Brin builds world's largest aircraft for \$150M as a family 'yacht'



The design phase for the vessel is done, with construction due to begin soon on the massive floating city that will be larger than the Titanic and about the length of three soccer pitches





© Iddes Yachts/Cover Images

The vision is that the leading scientists on board will be working in collaboration to bring rapid, far-reaching solutions to market, according to the website for Earth 300



© Iddes Yachts/Cover Images



'Covid-19 has acted like a stress test on every aspect of life, it has particularly exposed weaknesses in global health systems. It's important to learn the right lessons with regard to preparedness, capacity and future resilience.

Earth 300 promises to be an important repository of data and information for planet Earth. We're providing an open platform for science and innovation that can be accessed on a global scale.'

ADVERTISEMENT



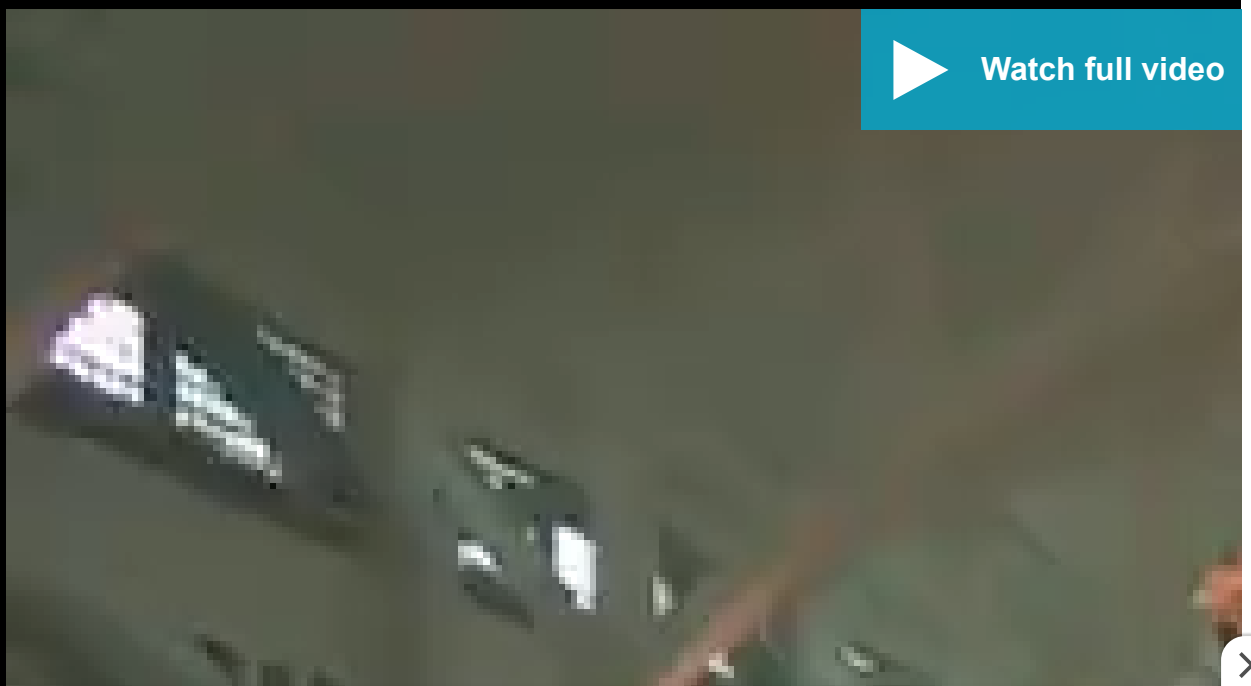
Led by chief executive Olivera, the Earth 300 project is supported by a number of partners including IBM, RINA, Triton Submarines and EYOS Expeditions.

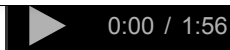
The preliminary vessel design and naval engineering are now complete, with Earth 300 projecting a launch date of 2025.

MailOnline Video

More Videos...

Science exploration vessel packed with green technology is revealed





Share or comment on this article: **984-foot-long emission-free 'nuclear-powered' science exploration vessel could launch by 2025**



80
shares

 **184** comments

GOMO 60GB, 500 min & SMS for \$25. Few days left.

GOMO by Singtel.

Sign Up

Sponsored Links

Free 20GB! GOMO 40GB, 400 mins & SMS for \$20.

GOMO by Singtel.

Sign Up

Sponsored Links

5 Things Your Property Agent Won't Tell You

Syfe

Sponsored Links

Play this Game for 1 Minute and see why everyone is addicted

panzerrush.com

Sponsored Links

The best ways to earn passive income



The cost of a funeral in Singapore may surprise you

Funeral | Search Ads

Sponsored Links

[pics] Ranked: The Prettiest Women - In The World

Vitaminews

Sponsored Links

Play this Game for 1 Minute and see why everyone is addicted. No Install.

Combat Siege Game

Sponsored Links

Carrie Underwood sings a powerful medley of gospel...

Country superstar Carrie Underwood teamed up with the iconic CeCe Winans to sing a medley ...

 **TV&Showbiz**

The ultimate winter buy: These microwavable slipper...

Priced at a mere \$20, the fluffy white boots from Target will be perfect to keep your feet warm at...

 **Femail**

Two 13-year-old girls are chased down an empty stree...



The two 13-year-olds had left the movie theatre around 9pm on Sunday in Shellharbour on New...

M News

See The Wife Of The World's Richest Billionaires

Financial 10

Sponsored Links

Drake's baby mama Sophie Brussaux shares rare ne...

Drake's baby mama Sophie Brussaux took to Instagram and shared rare new photos of their so...

M TV&Showbiz

The world's smallest chef now in Singapore!

Le Petit Chef

Sponsored Links

Singapore - prices for unsold SUVs might surprise you

Awd Suv | Sponsored Listings

Sponsored Links

Mystery surrounds the appearance of a 'child'...

Shocking dashcam footage has captured the moment a child has walked onto the middle of a ...

M News

The perfect 3m tree: How to make perfect fluff...



The pastry chefs at Aldi have released a mouth-watering recipe for puff pastry doughnuts, and it...

Femail

Maren Morris flashes cleavage in jaw-dropping gown ...

The couple married in 2018 and welcomed their son Hayes in March 2020.

TV&Showbiz

Man Gives Girlfriend A Necklace, 2 Years Later She Screams When She Realizes What's Inside

Crowdy Fan

Sponsored Links

Not your average work commute! Matt Damon and his A-list pal Chris Hemsworth touch down in Sydney on ...

The Hollywood heartthrobs have been filming the latest Thor installment, Love and Thunder, in ...

TV&Showbiz

Unsold electric cars you might never forget

Best Rated Electric Cars 2021 | Sponsored Listings

Sponsored Links

Wrap your feet in aluminium foil and a few hours later you will have



Trip Go Wild

Online Dating | Search Ads

CosmoWomens

×

