



Cosmonaut Urged to Evacuate After 'Blob' Found Outside ISS

Description

An astronaut on a spacewalk outside the International Space Station (ISS) found an unusual 'blob' in space and was told to leave quickly. The ISS, which has been in orbit for nearly 30 years, is the largest spacecraft ever built. It is run by five space agencies, including NASA and Russia's Roscosmos.

On their spacewalk, Russian cosmonauts Oleg Kononenko and Nikolai Chub noticed the blob. They immediately contacted ground control for advice. Control instructed them to exit the area quickly. The blob was not an alien substance, but a leak from a radiator that was spilling coolant.

The astronauts identified the leak and took steps to stop it from causing further issues. Although Kononenko planned to clean it up, he had to leave after some coolant got on his safety tether. They stored the tether safely and followed rules to ensure they were not contaminated before returning to the ISS.

Despite the worries about the blob and the coolant leak, both astronauts returned safely. The ISS, which has been continuously occupied for over 25 years, is expected to end its operations in 2030, with the remains being sent to a remote area of the ocean in January 2031.

Vocabulary List:

1. **spacewalk** //ˈspeɪs,wɔːk// (noun): a walk outside a spacecraft in space
2. **radiator** //ˈreɪdi,eɪtər// (noun): a device that moves heat away from something
3. **coolant** //ˈku:lənt// (noun): a liquid that keeps machines from getting hot
4. **leak** //li:k// (noun): an unwanted flow of liquid or gas out
5. **tether** //ˈtɛðər// (noun): a rope or cord used to hold something
6. **contaminated** //kənˈtæmə,neɪtɪd// (adjective): made dirty or unsafe by something harmful

Comprehension Questions

Multiple Choice

1. What did the astronauts find during their spacewalk outside the ISS?

Option: A new star

Option: An unusual 'blob'



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- Option: An alien spaceship
 - Option: A piece of space junk

2. Which space agencies run the ISS?

- Option: NASA, ESA, CNSA, ISRO, Roscosmos
- Option: NASA and Roscosmos
- Option: NASA and ESA
- Option: NASA and China

3. What was the blob actually identified as?

- Option: An alien substance
- Option: A leak from a radiator
- Option: Space debris
- Option: A malfunctioning satellite

4. How long has the ISS been in orbit?

- Option: 20 years
- Option: 25 years
- Option: 30 years
- Option: 35 years

5. When is the ISS expected to end its operations?

- Option: 2025
- Option: 2030
- Option: 2035
- Option: 2040

6. In which area will the remains of the ISS be sent?

- Option: The Arctic Ocean
- Option: A remote area of the ocean
- Option: The Pacific Ocean
- Option: A lake

True-False

7. The ISS is the largest spacecraft ever built.

8. Russian cosmonauts found the blob and quickly contacted ground control.



9. The blob was found to be a harmless substance.
10. Kononenko had to clean up the blob before leaving.
11. Both astronauts returned safely to the ISS after the incident.
12. The ISS will continue to operate indefinitely.

Gap-Fill

13. The ISS has been continuously occupied for over _____ years.
14. The astronauts took precautions to ensure they were not _____ before returning.
15. The blob was leaking _____ from a radiator.
16. The ISS is run by five space agencies, including NASA and Russia's _____ .
17. Control instructed the astronauts to exit the area _____ .
18. The remains of the ISS are expected to be sent to a remote area of the ocean in _____ 2031.

Answer

Multiple Choice: 1. An unusual 'blob' 2. NASA and Roscosmos 3. A leak from a radiator 4. 30 years 5. 2030
6. A remote area of the ocean

True-False: 7. True 8. True 9. False 10. False 11. True 12. False

Gap-Fill: 13. 25 14. contaminated 15. coolant 16. Roscosmos 17. quickly 18. January

Vocabulary quizzes

Multiple Choice (Select the Correct answer for each question.)

1. What is the purpose of the launch event scheduled for next week?

Option: To unveil new technologies

Option: To celebrate a milestone



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- Option: To discuss strategies
Option: To gather community feedback
2. What is the primary function of the latest software update?
Option: Improve security
Option: Add new features
Option: Fix bugs
Option: Enhance performance
3. Which of the following is a highlighted feature of the new smartphone?
Option: Dual SIM capabilities
Option: Waterproof design
Option: Extended battery life
Option: 5G compatibility
4. What is a common marketing strategy used by tech companies?
Option: Discount pricing
Option: Customer loyalty programs
Option: Influencer partnerships
Option: Event sponsorships
5. What phenomenon is described as how species have vanished over time?
Option: Extinction
Option: Evolved
Option: Migrated
Option: Adapted
6. What is a significant challenge facing humanity today?
Option: Climate change
Option: Technological advancement
Option: Space exploration
Option: Cultural diversity
7. What type of technology is increasingly used in manufacturing sectors?
Option: 3D printing
Option: Robotic automation
Option: Artificial intelligence
Option: Biotechnology
8. What is the purpose of a coolant in a car engine?
Option: Lubricate engine parts
Option: Reduce heat
Option: Clean engine components



Option: Enhance fuel efficiency

9. In space missions, what is the purpose of a tether?

- Option: Prevent drifting away
- Option: Provide electrical power
- Option: Transmit data
- Option: Enhance communication

10. What is a common theme in stories about spouses?

- Option: Partnership and support
- Option: Competition and rivalry
- Option: Independence and autonomy
- Option: Adventure and exploration

Gap-Fill (Fill in the blanks with the correct word from the vocabulary list.)

11. The software package is offered as a _____ to include multiple applications.
12. I received a notification to _____ my app to the latest version.
13. The new model comes with several innovative _____ that improve user experience.
14. The system will _____ maintenance to enhance its capabilities.
15. Several species are adapting to changing _____ due to climate change.
16. The water has been _____ due to industrial waste.
17. Many children are _____ about how things work.
18. The lightbulb was _____ by Thomas Edison in 1879.
19. Astronauts conducted a _____ to repair the satellite.
20. The car's _____ helps keep the engine cool.

Matching Sentences (Match each definition to the correct word from the vocabulary list.)

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| 21. Natural resources are essential for sustaining life and development on Earth. |
| 22. Having a supportive family can be seen as a blessing in times of need. |



23. Family reunions provide a chance for relatives to reconnect and strengthen bonds.
24. I am grateful for the help I received during challenging times.
25. During my layover in Paris, I had a chance to explore the city briefly.
26. Each resident of the community is encouraged to participate in local events.
27. The restaurant can cater to various dietary preferences of its customers.
28. Sugar dissolves quickly in warm water, enhancing the flavor of beverages.
29. A molecule is the smallest unit of a chemical compound that retains its chemical properties.
30. A nebula is an interstellar cloud of dust and gas, often the birthplace of stars.

Answer

Multiple Choice: 1. To unveil new technologies 2. Add new features 3. 5G compatibility 4. Influencer partnerships 5. Extinction 6. Climate change 7. Robotic automation 8. Reduce heat 9. Prevent drifting away 10. Partnership and support

Gap-Fill: 11. bundle 12. update 13. features 14. undergo 15. habitats 16. contaminated 17. curious 18. invented 19. spacewalk 20. radiator

Matching sentence: 1. resources 2. blessing 3. reunions 4. grateful 5. layover 6. resident 7. cater 8. dissolves 9. molecule 10. nebula

CATEGORY

1. Sci/Tech - LEVEL2

POST TAG

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2. cosmonaut
3. ESL learning
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6. Level 2

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