

# A.T.L.A.S. OVERVIEW

## ALL SYSTEMS CHECK

Normal

## LIFE SUPPORT

Normal

## SURROUNDINGS

No threats detected

## NAVIGATION SYSTEM

New trajectory defined

## THERMAL SYSTEM

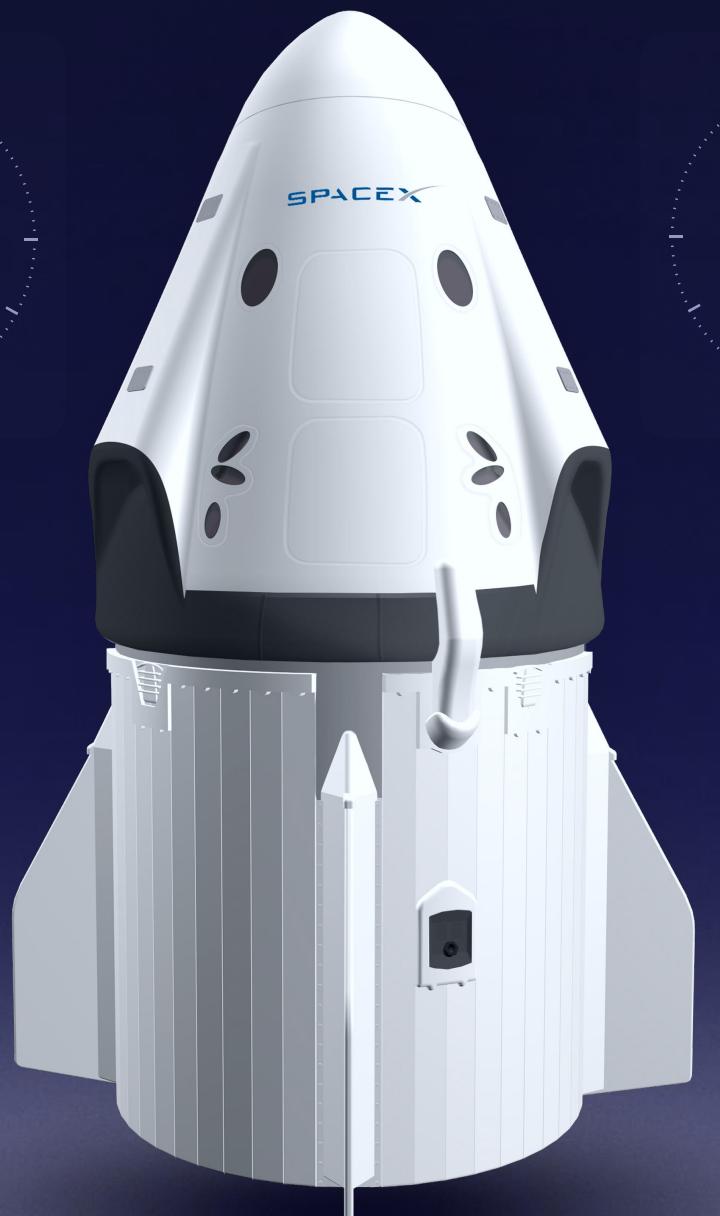
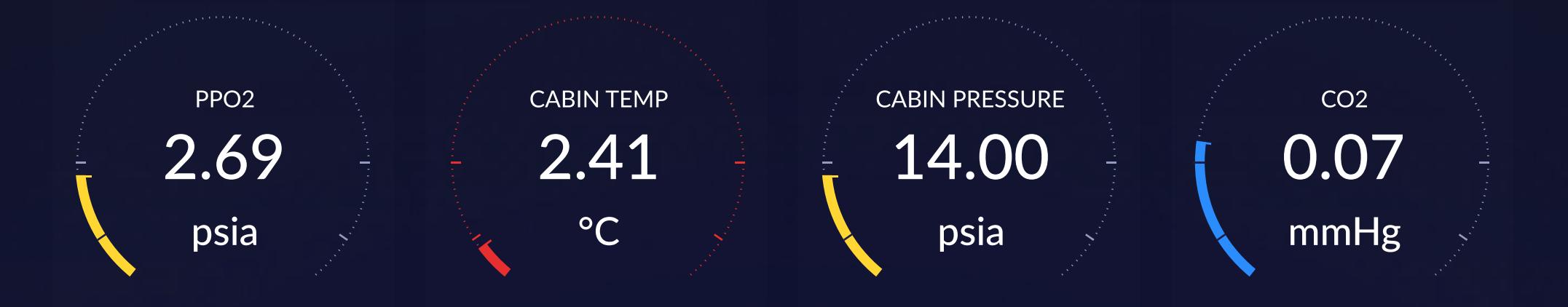
Normal

## POWER SYSTEM

Battery level: 45%

## COMMUNICATIONS

Normal



CABIN MICS: RECORDING

Inertial Velocity

7.68 km/s

Altitude

390.0 km

Apogee

404.4 km

Perigee

389.4 km

Inclination

51.67°

Range to ISS

0.02 km



Overview



Crew



Communication



Alerts



Reports



Data

# A.T.L.A.S. REPORTS

## ALL SYSTEMS CHECK

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## Select a report

### Mission Performance Report

Oct 13, 2024

OPEN

### Orbital Observation 14 System Report

Oct 6, 2024

OPEN

### Orbital Observation 13 System Report

Sep 29, 2024

OPEN

### Orbital Observation 12 System Report

Sep 22, 2024

OPEN

LOAD MORE

EXPAND A REPORT TO VIEW  
MORE INFORMATION



A.T.L.A.S.  
Advanced Tracking Li-Fi-based Automated Spacecraft



Overview



Crew



Communication



Alerts



Reports



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# A.T.L.A.S. REPORTS

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## A.T.L.A.S. System Report

Mission: Orbital Observation 15 | Date: Oct 13, 2024

Orbit: 390 km (LEO) | Status: Nominal

Propulsion is stable, with 85% fuel remaining and no course adjustments required. Next burn is scheduled for October 16. Life support is functioning normally, with oxygen at 98%, CO<sub>2</sub> scrubbing at 99%, cabin temperature at 22°C, and water reserves at 78%.

Power systems are stable: solar panels are at 93% efficiency, batteries at 92%, and backup power fully charged. Thermal control maintains internal temperature at 22°C, while external temperatures vary between 120°C in sunlight and -140°C in shadow. Heat distribution is balanced. Communications are strong, with a 98% signal strength and 500ms latency. Backup comms are operational. Navigation systems are precise, with autopilot active and a course deviation of 0.001°. Gyroscopes and positioning are stable.

Hull integrity is perfect at 100%, and radiation shielding is fully effective. The crew of four is in good health, with stable vitals and high morale. They average 7 hours of sleep, with no issues reported. All systems are nominal, with the next check scheduled for October 20, 2024.

Prepared by: Juan Direction

Reviewed by: Mission Control

MISSION DATA



Mission Performance Report

Oct 13, 2024

OPEN

Orbital Observation 14 System Report

Oct 6, 2024

OPEN

Orbital Observation 13 System Report

Sep 29, 2024

OPEN

Orbital Observation 12 System Report

Sep 22, 2024

OPEN

LOAD MORE

# A.T.L.A.S. REPORTS

## ALL SYSTEMS CHECK

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No threats detected

## NAVIGATION SYSTEM

New trajectory defined

## THERMAL SYSTEM

High temperature detected

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A.T.L.A.S.

Advanced Tracking, Location, Automation System

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## A.T.L.A.S. System Report

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Reviewed by: Mission Control

MISSION DATA

## Mission Performance Report

Oct 13, 2024

OPEN

## Orbital Observation 14 System Report

Oct 6, 2024

OPEN

## Orbital Observation 13 System Report

Sep 29, 2024

OPEN

## Orbital Observation 12 System Report

Sep 22, 2024

OPEN

## Orbital Observation 11 System Report

Sep 17, 2024

OPEN

## Orbital Observation 10 System Report



Overview



Crew



Communication



Alerts



Reports



Data

# A.T.L.A.S. CREW

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## THERMAL SYSTEM

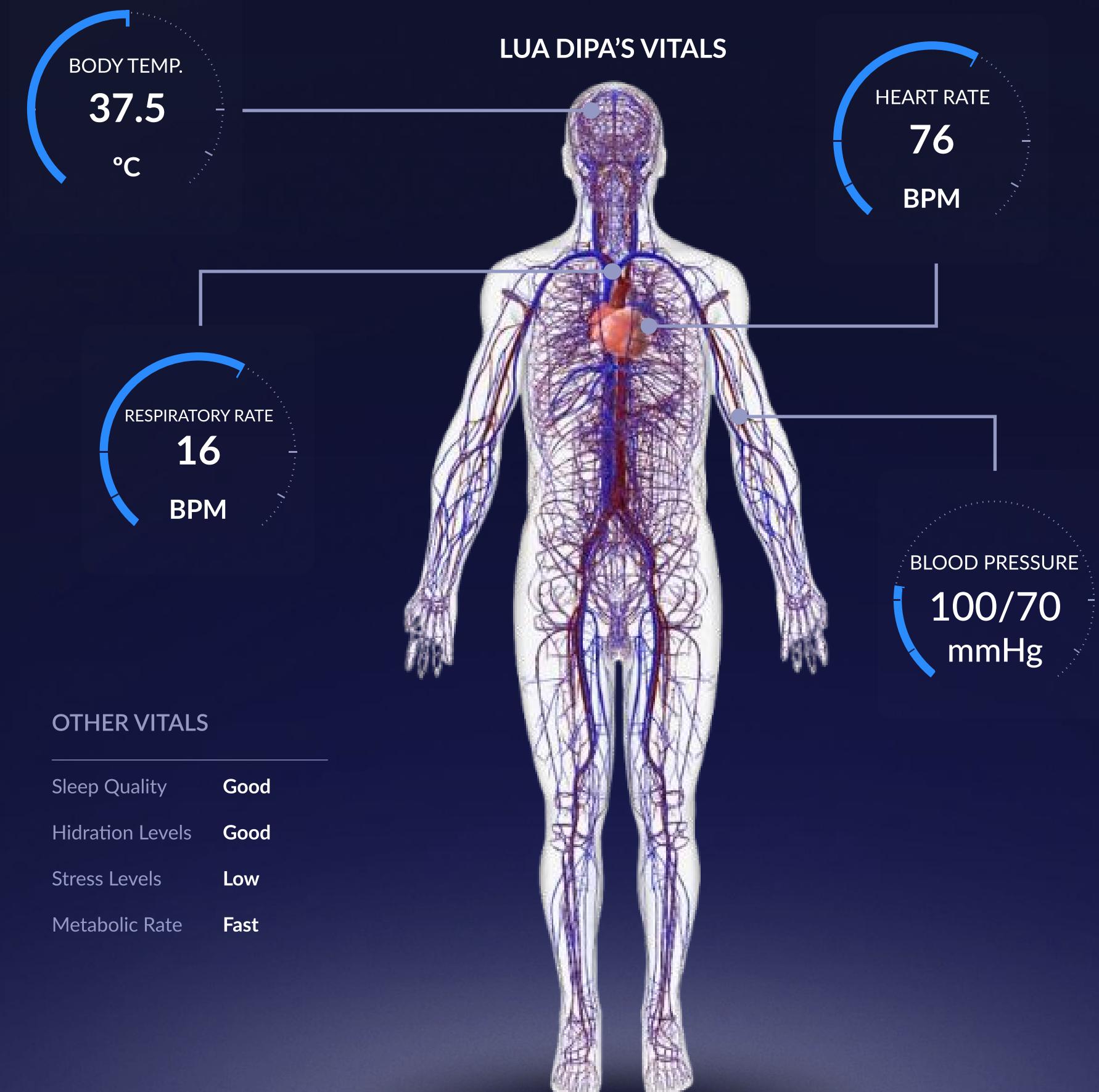
High temperature detected

## POWER SYSTEM

Battery level: 45%

## COMMUNICATIONS

Normal



JOÃO CUZO

Status: Normal



LUA DIPA

Status: Normal



JUAN DIRECTION

Status: Asleep



ANA CONDA

Status: Injured



# A.T.L.A.S. COMMUNICATION

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High temperature detected

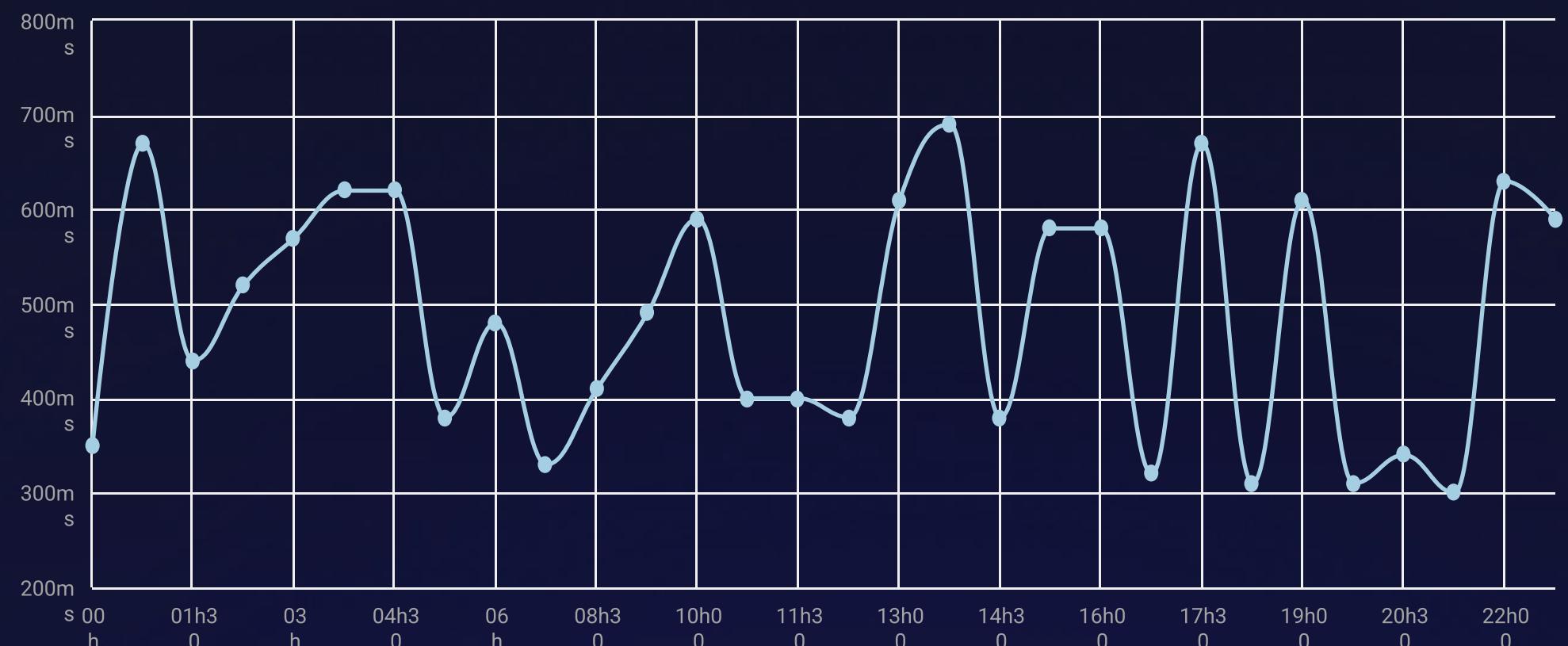
## POWER SYSTEM

Battery level: 45%

## COMMUNICATIONS

Normal

## Response Time



## Intercom Log

Search for messages

[11:10] - João Cuco:

"Good job, everyone! Also, need someone to help me fix the toilet :)"

[11:05] - Lua Dipa:

"Adjusting sensor sensitivity to account for radiation spike. System response looks stable."

[11:01] - Mona Luísa:

"Juan, please confirm fuel levels. We're seeing a slight discrepancy in the readings."

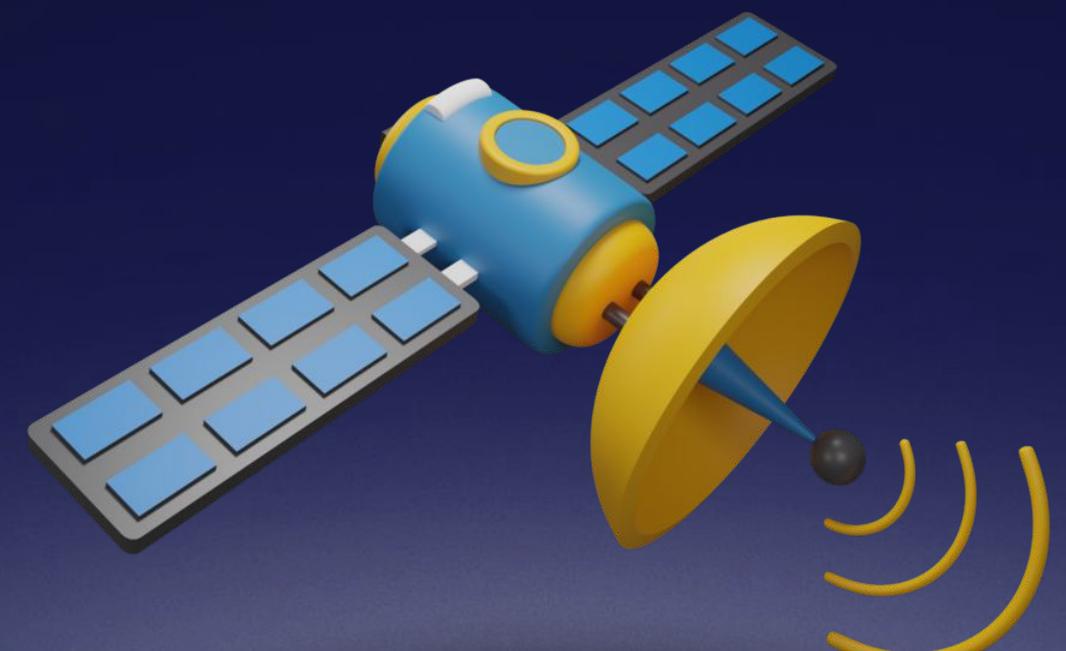
[10:18] - Lua Dipa:

"Acknowledging temperature alert. I'll monitor the external cooling systems closely and advise on necessary adjustments."

[10:12] - Ana Conda:

"Running diagnostics on the navigation system. I'll confirm if the recalibration fixed the drift issue shortly."

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CABIN MICS: RECORDING



# A.T.L.A.S. COMMUNICATION

ALL SYSTEMS CHECK

Normal

LIFE SUPPORT

Normal

SURROUNDINGS

No threats detected

NAVIGATION SYSTEM

New trajectory defined

THERMAL SYSTEM

High temperature detected

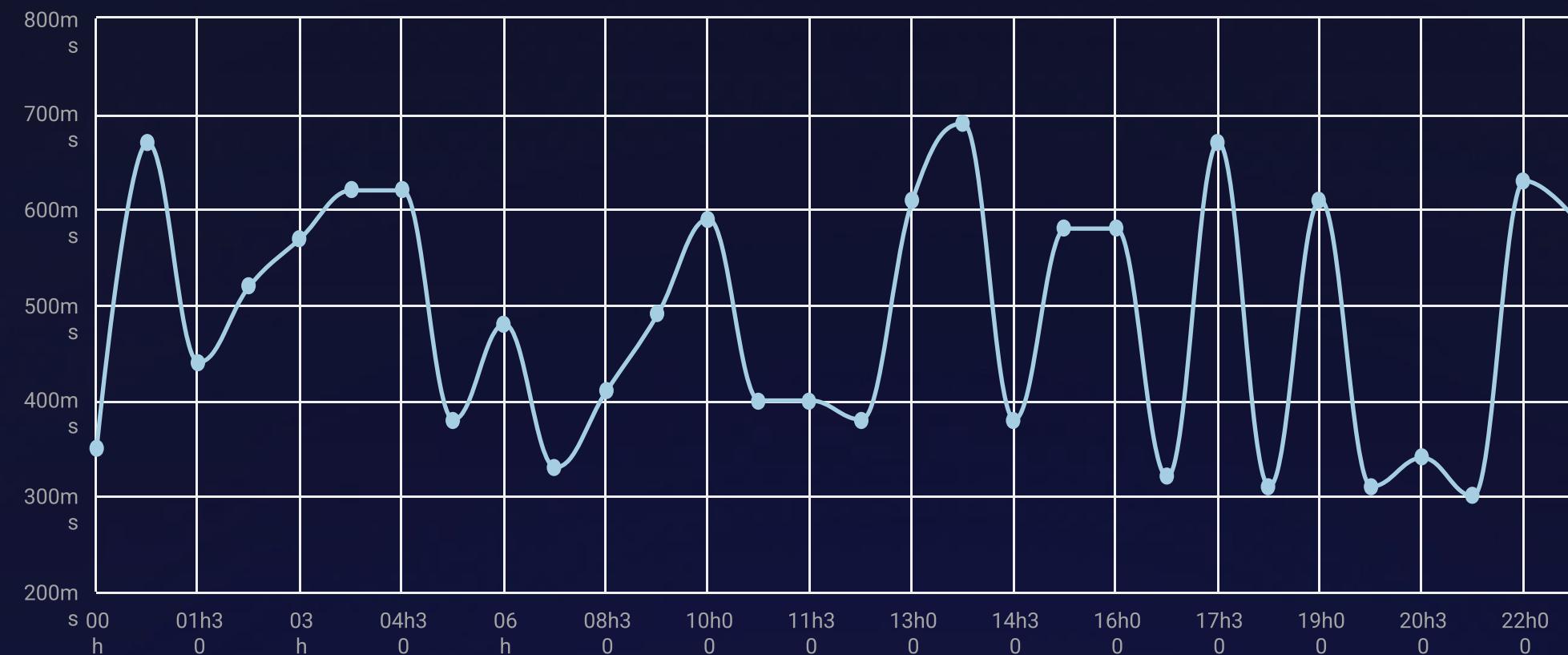
POWER SYSTEM

Battery level: 45%

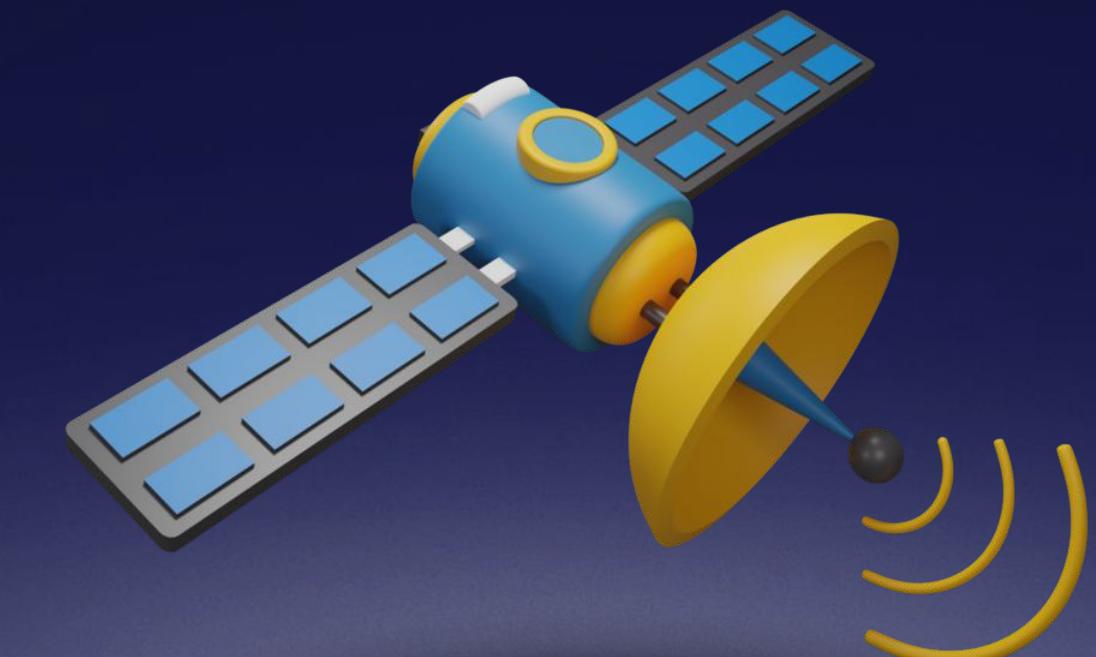
COMMUNICATIONS

Normal

## Response Time



A.T.L.A.S.  
Advanced Telemetry Integrated Automated Spacecraft



CABIN MICS: RECORDING

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[10:18] – Lua Dipa:

"Acknowledging temperature alert. I'll monitor the external cooling systems closely and advise on necessary adjustments."

[10:12] – Ana Conda:

"Running diagnostics on the navigation system. I'll confirm if the recalibration fixed the drift issue shortly."

[10:09] – João Cuco:

"Suit check complete. All systems nominal, but oxygen reserve looks

Overview

Crew

Communication

Alerts  
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Reports

Data

# A.T.L.A.S. COMMUNICATION

✓ ALL SYSTEMS CHECK

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No threats detected

✓ NAVIGATION SYSTEM

New trajectory defined

! THERMAL SYSTEM

High temperature detected

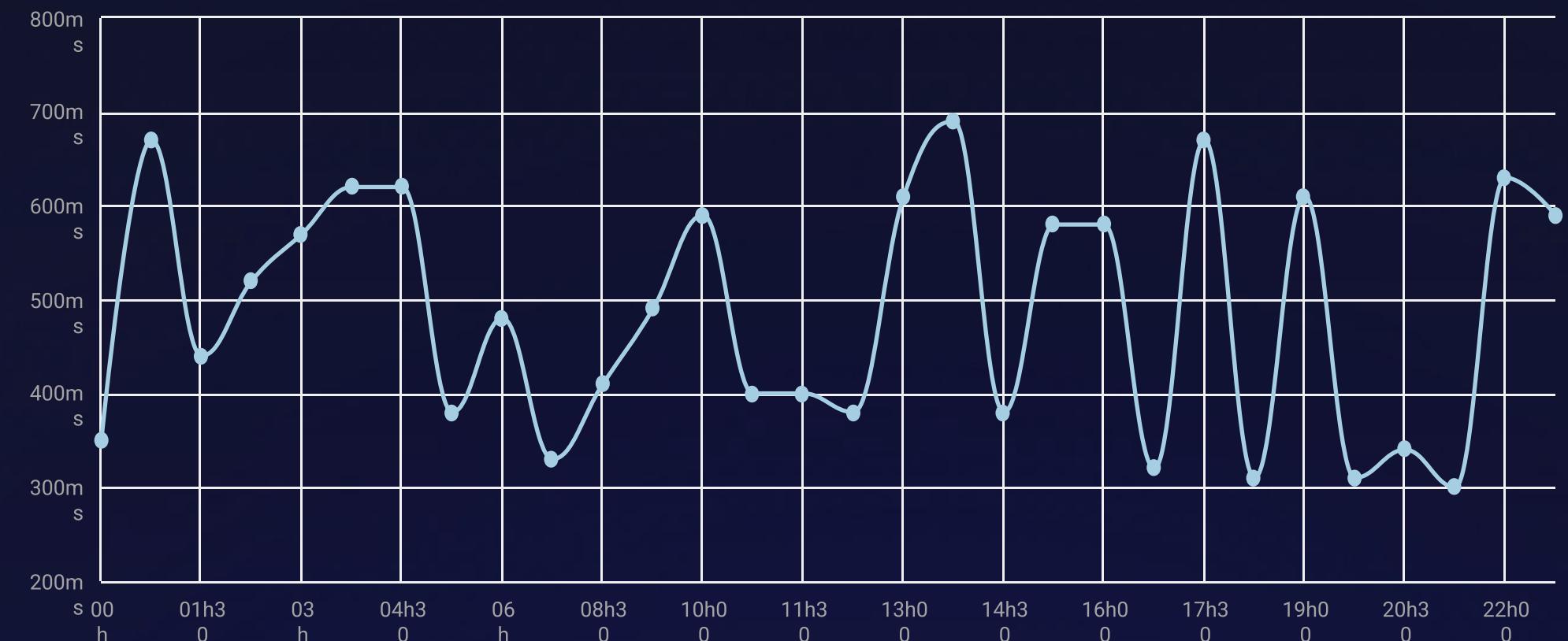
✓ POWER SYSTEM

Battery level: 45%

✓ COMMUNICATIONS

Normal

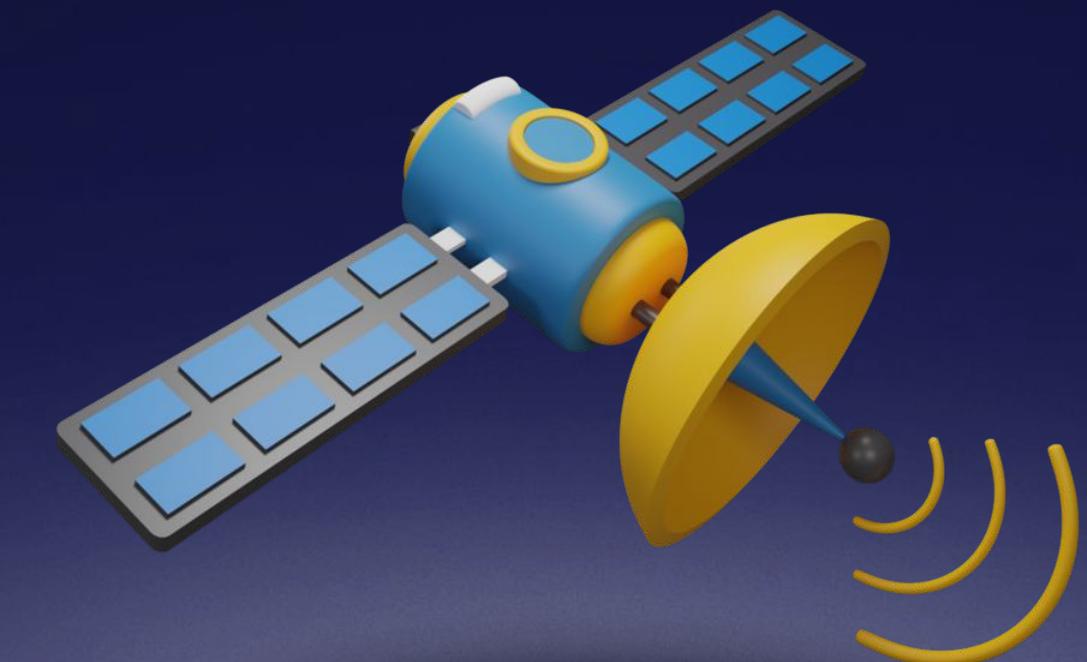
## Response Time



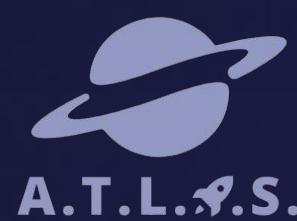
## Intercom Log

🔍 temperature al

[10:18] - **Lua Dipa:**  
"Acknowledging **temperature alert**.  
I'll monitor the external cooling  
systems closely and advise on  
necessary adjustments."



CABIN MICS: RECORDING



# A.T.L.A.S. ALERTS

## ALL SYSTEMS CHECK

Normal

## LIFE SUPPORT

Normal

## SURROUNDINGS

No threats detected

## NAVIGATION SYSTEM

New trajectory defined

## THERMAL SYSTEM

High temperature detected

## POWER SYSTEM

Battery level: 45%

## COMMUNICATIONS

Normal

## Alert History

! **THERMAL SYSTEM**  
High Temperature detected

Oct 13  
2024

Cause: Systems overheating due to fan dust accumulation.

[EXPAND](#)

! **LIFE SUPPORT**  
O2 levels below normal

Oct 10  
2024

Cause: Lua Dipa's O2 levels are below normal parameters.

[EXPAND](#)

! **NAVIGATION SYSTEM**  
Route might have collisions

Sept 17  
2024

Cause: Meteor route may coincide with ship's route.

[EXPAND](#)

! **COMMUNICATION**  
High ping between messages

July 21  
2024

Cause: Low wi-fi.

[EXPAND](#)

! **NAVIGATION SYSTEM**  
New trajectory approved

May 20  
2024

Cause: Mona Luís approved new trajectory request.

[EXPAND](#)

! **SURROUNDINGS**  
Possible collision with body

May 9  
2024

Cause: Meteor route will likely coincide with ship's route. Action required!

[EXPAND](#)

**EXPAND AN ALERT TO VIEW MORE INFORMATION**



# A.T.L.A.S. DATA

## ALL SYSTEMS CHECK

## Normal

## LIFE SUPPORT

## Normal

## SURROUNDINGS

No threats detected

## NAVIGATION SYSTEM

## New trajectory defined

## **! THERMAL SYSTEM**

High temperature detected

 POWER SYSTEM

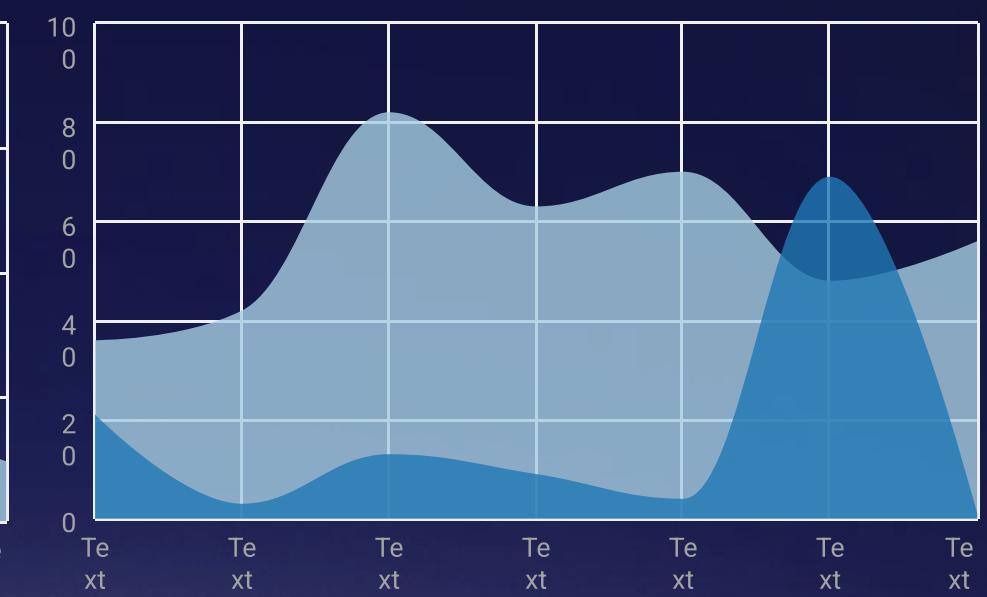
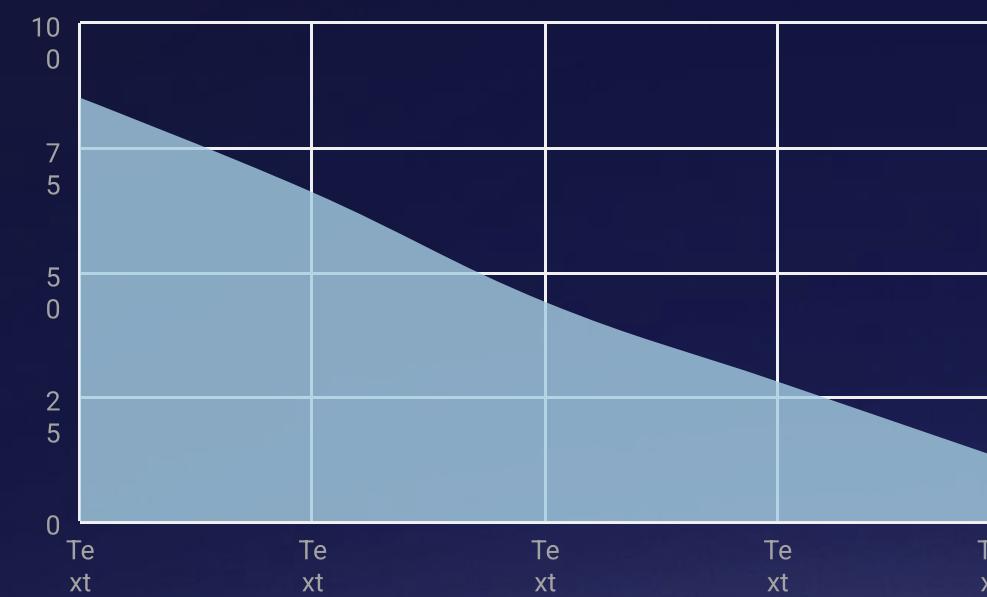
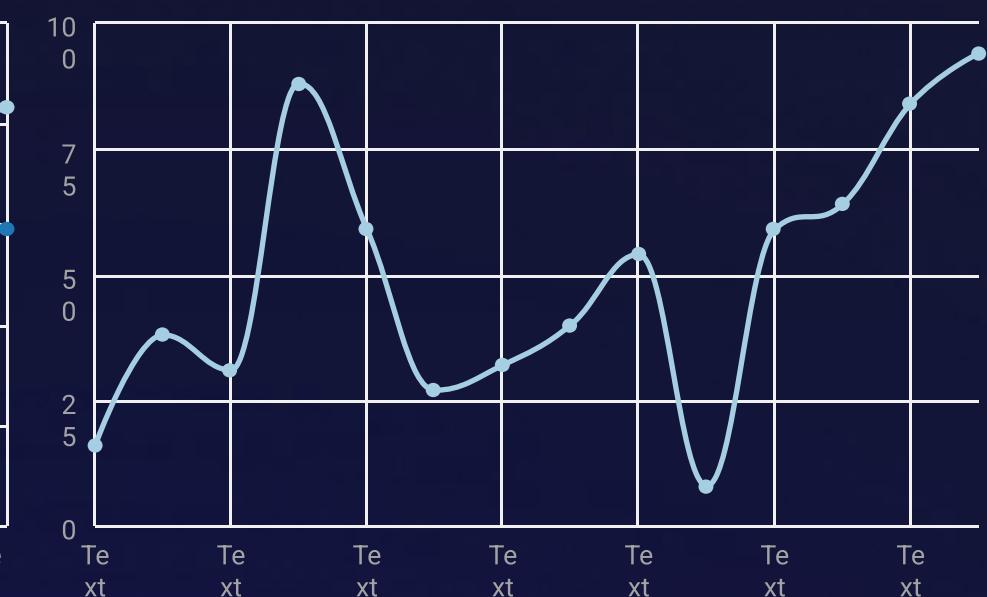
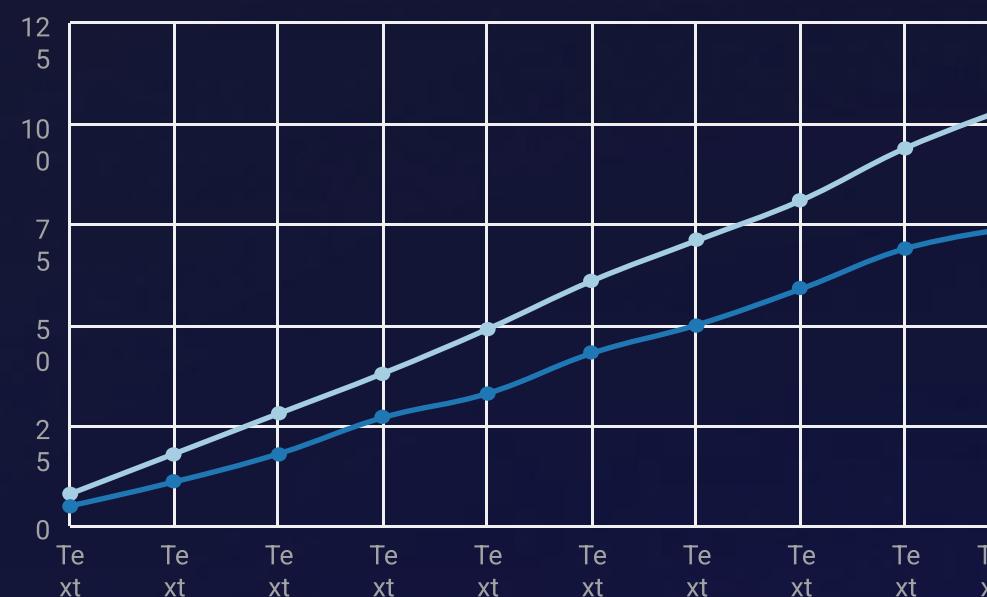
Battery level: 45%

 COMMUNICATIONS

## Normal

Mission Performance Data - 13/10/2024

## Insert query



A.T.L.ROS

# A.T.L.A.S. ALERTS

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EXPAND

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May 20  
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Cause: Mona Luís approved new trajectory request.

EXPAND

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Possible collision with body

May 9  
2024

Cause: Meteor route will likely coincide with ship's route. Action required!

EXPAND

## ! THERMAL SYSTEM

High Temperature detected

Date: Oct 13 2024

Description: 32 System's temperature has reached unsafe levels. This is likely caused by dust accumulation in the fan, restricting airflow and causing overheating. Immediate action is required to prevent hardware damage or system failure.

### Symptoms:

- Increased fan noise
- System running slower than usual (thermal throttling)
- Sudden shutdowns or restarts
- Unusually high internal temperatures

### Recommended action:

- Power off and clean fans.
- Contact support if issue persists.

