

MWSS111 CADET ACADEMY

THE LIVING LIGHT

MISSION WORKBOOK 001

Investigate a damaged freighter, make first contact with a sentient plasma being, decode its message, and plan a safe pursuit to UY Scuti.

CADET NAME

STARDATE

SCIENCE • COMMUNICATION • ETHICS • NAVIGATION

Mission Briefing

Read, observe, and respond



YOUR ASSIGNMENT

A damaged freighter crashes into Bay Gamma. Emergency drones control the fire, but the rescue team discovers a radiant plasma life-form inside the wreckage. Your job is to study the evidence, communicate peacefully, and help Vanguard Six decide what to do next.

MISSION OBJECTIVES

1. Reconstruct the event sequence. 2. Identify evidence of intelligence. 3. Explain the UY Scuti message. 4. Recommend an ethical response.

Reconstruct the Emergency

Enter 1 through 6 in the correct order

The entity transmits the stellar signature of UY Scuti.

Emergency drones suppress the fire in Bay Gamma.

Vanguard Six launches in pursuit.

The freighter sends a distress call.

The living light breaks containment.

The rescue team discovers a sentient plasma being.

WHY DOES ORDER MATTER DURING AN EMERGENCY?

Science of a Living Plasma

Look for evidence, not assumptions



SCIENCE STATION

Plasma is an energized state of matter containing charged particles. Stars, lightning, and some glowing gases contain plasma. The entity in Bay Gamma is unusual because its energy patterns respond to the crew, change deliberately, and carry information.

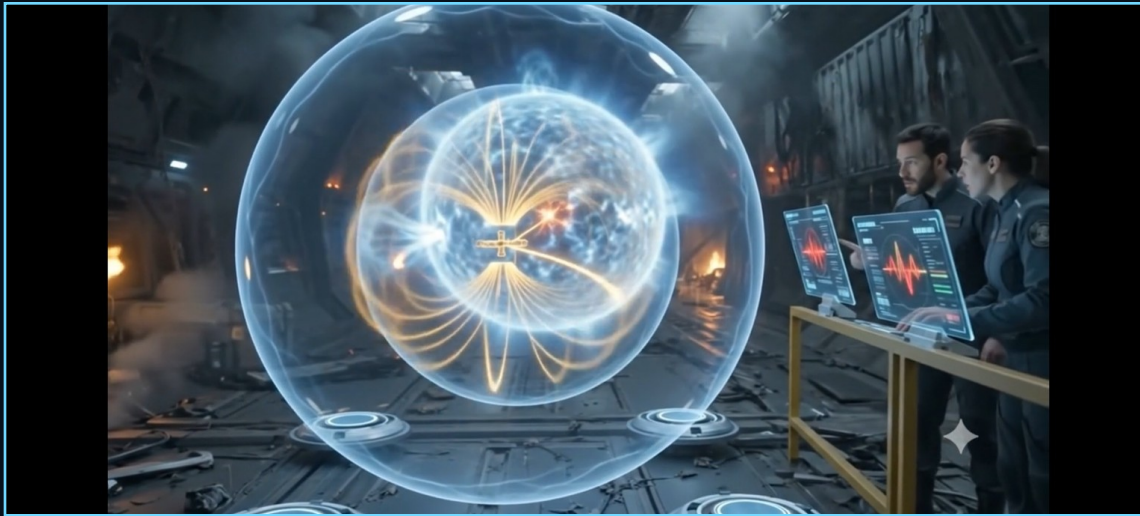
1. What observation suggests that the plasma being is intelligent?

2. Why should the crew observe before deciding whether the being is dangerous?

CADET HYPOTHESIS: ONE SAFE TEST FOR COMMUNICATION

Decode the Message

Destination: UY Scuti



JIM identifies a stellar signature in the entity's energy field. The pattern points toward UY Scuti, an enormous red hypergiant. The being's power is fading, and it appears desperate to return.

1. What three clues help the crew understand the entity's message?

2. Does escaping containment automatically make the being an enemy? Explain

WRITE ONE PEACEFUL MESSAGE THE CREW COULD SEND

Plan the Vanguard Six Pursuit

Navigation and responsibility



Captain Loretta orders pursuit with a clear ethical rule: the mission is not to hunt the being. The mission is to understand it and help it return home safely.

1. What should GMTO measure while following the living light?

2. Name one danger Vanguard Six should avoid near a red hypergiant.

YOUR FIRST COMMAND AS MISSION SPECIALIST

Cadet Mission Report

[Submit your recommendation](#)

CAPTAIN'S QUESTION

We have caught up with the entity, but its energy is nearly exhausted. What should Vanguard Six do first, and how will your plan protect both the being and the crew?

MY RECOMMENDATION

THE MOST IMPORTANT LESSON FROM THIS MISSION

MISSION STATUS: READY FOR REVIEW

Science • Courage • Respect • Teamwork