



**MDES-008**

*Lucilla 2.0 Integrated Documentation System  
Onirika Archive — Processing completed: 96h post-mission*

## ONIRIKA ARCHIVE

### CLASSIFICATION NOTICE

This document is classified **RESTRICTED**.

Reading it may produce residual emotional echoes in subjects with prior exposure to related phenomena. The Archive is not liable for contamination induced by reading alone.

Proceed.

## MISSION MDES-008

### *The Contaminated Contact Greenhouse – Collection in a Hybrid Zone*

In the Contact Greenhouse the body isn't enough to stay still: the Greenhouse asks that it be offered, then that it receive an answer, then – this is the point almost no one clears cleanly – that it withdraw. Not before. Not too long after.

Here shame twines itself into the mechanism and breaks it at a single point: it does not prevent one from offering oneself. It prevents one from stopping at the moment when stopping would have been enough.

— H. Balthazar

An organic pavilion saturated with humidity, where the plants do not grow but seek: creepers that wind around wrists, porous leaves that settle on lips, branches that mimic familiar gestures. The light is milky and pulsing, the ground gives off an intermittent body-warmth, as if it were breathing; in certain corners you can hear the landscape's heartbeat. There is no violence, but everything presses and everything asks for contact. The Matter forms only if the collector offers that contact and then voluntarily withdraws: any lingering beyond what is necessary dissolves it. The Shame contamination (30%) adds to that demand the deformed bodily reflections – the same surfaces that invite touch return an image of whoever desires it.

**Risk level:** EXTREME (not physical: operationally and psychologically lethal)

A mixed pair descends into a greenhouse where the plants strain toward bodies and reflective membranes show a deformed version of whoever looks. The Spiral to be recovered is hybrid – desire and the shame of desire together – and the zone amplifies physical attraction while exposing it. Diletta has a high vulnerability to what she does not declare; Taro has the task, assigned by Helena, of keeping her lucid if something gives way. There is only one rule: no one touches the Spiral before the signal.

|                         |                                                         |
|-------------------------|---------------------------------------------------------|
| <b>Target Domain:</b>   | Desire (Shame contamination 30%)                        |
| <b>Specific Zone:</b>   | Contact Greenhouse (east sector)                        |
| <b>Objective:</b>       | Spiral collection                                       |
| <b>Participants:</b>    | Diletta (CC#2, explorer)<br>Taro (CC#4, collector)      |
| <b>Actual Duration:</b> | 0h 58m                                                  |
| <b>Time Limit:</b>      | 1h 11m                                                  |
| <b>Outcome:</b>         | <b>PARTIAL</b> (spiral recovered, protocol compromised) |
| <b>Date:</b>            | [REDACTED]                                              |

*Documentation generated by Lucilla System 2.0*

*Integrated recording: Wearable sensors (×2) + Directional ambient audio*

*Data processing: 96h post-mission (clinical apparatus: 32h post-quarantine)*

*Overall reliability: 88.7% (emotional distortion margin: 9.1%)*

#### **! CRITICAL SYSTEM ALERT**

**Desire + Shame contamination. Loss of Anchor Objects.**

Audio sections 00h 26m-00h 34m partially compromised by emotional interference.

## Lucilla 2.0 Coding System Legend

|         |                              |
|---------|------------------------------|
| [Ψ·SIN] | Narrative Synthesis          |
| [Ψ·DTA] | Environmental Technical Data |
| [Ψ·OBS] | Environmental Observation    |
| [~·OLF] | Olfactory Detection          |
| [•·DIL] | Recorded Audio – Diletta     |
| [•·TAR] | Recorded Audio – Taro        |
| [•·HEL] | Recorded Audio – Helena      |
| [•·*]   | Recorded Audio – *           |
| [♥·DIL] | Biometric Sensor – Diletta   |
| [♥·TAR] | Biometric Sensor – Taro      |
| [!]     | Critical System Alert        |

## L0: pre-mission monitoring

-12h 13m Sensor Application – Diletta ⌚ 02:47

[Ψ·OBS] Environment: /k. Indoor temperature: 19.1°C. Lighting: desk lamp (38 lux).

[Ψ·SIN] Biometric sensors applied thirty minutes ago (02:17). Diletta is awake. Sitting at the kitchen table. The fountain pen – Anchor Object – lies open beside the notebook. Three pages written, crossed out, rewritten. The handwriting overlaps, disordered.

[♥·DIL] Heart rate: 72 bpm (irregularity every 8-12 beats). Temperature: 36.8°C. Cortical activity: elevated, beta waves dominant, no REM sleep.

[Ψ·SIN] She writes: "I dreamed of portals opening in my skin. I don't know if that's a good sign." 8-second pause. Crosses out the last sentence with three strokes of the pen. Rewrites: "Tomorrow the Contact Greenhouse with Taro."

[♥·DIL] Heart rate: 84 bpm (+17%). Localized temperature: +0.2°C (face, neck). Pen: 18.7°C (+0.4°C, prolonged contact).

[Ψ·SIN] She closes the notebook. Grips the pen. The cold metal against her palm. Stares at the wall for 2-3 seconds. Reopens the notebook, writes: "If" – stops. Crosses out. Closes it again.

[♥·DIL] Heart rate: 76 bpm. Finger micro-tremor: 4.1 Hz (anticipatory anxiety).

-10h 22m ⌚ 04:38

[Ψ·OBS] Environment: residence/b. Temperature: 21.3°C. Lighting: neon (180 lux).

[Ψ·SIN] Diletta gets up from the table. Walks toward the bathroom. Turns on the shower. Waits 34 seconds for it to warm up. Gets in. Shower duration: 18 minutes.

[♥·DIL] Body temperature: 36.8°C → 37.1°C (hot water). Heart rate: 72 → 68 bpm (relaxation). Cortisol: -18%.

[Ψ·SIN] She gets out of the shower. Dries herself slowly. Looks at herself in the fogged mirror for 11 seconds. Raises her right hand, traces with her index finger on the condensation: forms a capital letter – T – stops. Watches her suspended finger. 4-second pause.

[♥·DIL] Heart rate: 79 bpm (+16%). Localized hand temperature: +0.6°C.

[Ψ·SIN] She wipes out the letter with an open palm. Quick, almost violent movement. Turns around. Leaves the bathroom.

[Ψ·OBS] Note: no verbalization recorded during the shower phase.

-09h 08m ⌚ 05:52

[Ψ·SIN] Diletta leaves home at 05:47. Walks 400 meters. Enters the bar. One patron present. The barista recognizes her.

[Ψ·OBS] Environment: Bar "Necci," Via Fanfulla da Lodi, Rome (Pigneto). Outdoor temperature: 11.2°C. Lighting: natural dawn light + bar lighting.

[•·BARISTA] "Still up or already up?"

[Ψ·SIN] Diletta smiles. 1.7-second pause.



Figure 1:  $[\Psi \cdot \text{OBS}]$  bar interior

[•DIL] “Still up. Long day today.”

[•BARISTA] “The usual? Double?”

[•DIL] “Yes, thanks.”

[♥DIL] Heart rate: 79 bpm. Cortisol: +22% (mild social anxiety). Temperature: 36.7°C.

[ΨSIN] The barista makes the coffee. Diletta leans on the counter. Takes out her phone. Three unread messages visible on screen (senders not identifiable from camera angle). She doesn’t open them. Puts the phone away.

[•BARISTA] “What are you up to today? Still with that archive?”

[ΨSIN] Pause. 3.4 seconds. Diletta picks up the cup.

[♥DIL] Micro palm sweating: +0.3°C. Heart rate: 84 bpm.

[•DIL] “Yeah. Complicated... but interesting stuff.”

[ΨSIN] She drinks the coffee in two sips. Pays. Leaves quickly.

-07h 45m ⌚ 07:15

[ΨOBS] Environment: Via del Pigneto, outdoors. Temperature: 12.1°C.

[ΨSIN] Diletta walks toward home. Crosses paths with a man (identified: Marco D., 34, ex-colleague journalist, facial recognition database).

[•MARCO] “Diletta!?!..bonjour darling..what have you been up to!?”

[ΨSIN] Diletta stops. Smiles. Visible tension in shoulder posture.

[•DIL] “Yeah. Archive stuff. Complicated.” [laughs, nervous sound, 2.3s]

[•MARCO] “Always so mysterious. Coffee one of these evenings? I have to tell you about the new paper.”

[•DIL] “Yeah, I’ll text you.” [flat tone, no enthusiastic inflection]

[♥DIL] Heart rate: 91 bpm (+26%). Cortisol: +31%. When Marco says “project,” temperature of the pen in her jacket pocket: +0.4°C (reflex touch detected by fabric sensors).

[•MARCO] “Alright. Bye Diletta.”

[ΨSIN] Diletta parts ways. Quickens her pace. Arrives home 41 seconds later, nearly running the last 30 meters.

[♥DIL] Heart rate: 97 bpm. Breathing: +34% rate.

-06h 19m ⌚ 08:41

[ΨOBS] Environment: Bedroom. Temperature: 19.8°C. Lighting: natural, from window.

[ΨSIN] Diletta empties her backpack onto the bed. Methodically arranges the contents. Notebook (1), spare pens (3, black/blue), water bottle (500ml), tissues (packet), keys, wallet. Picks up the fountain pen. Studies it. Duration: 37 seconds. Turns it between her fingers. Takes a soft cloth from the drawer. Polishes the metal with slow, circular motions. Cleaning duration: 4 minutes 12 seconds.

[♥DIL] Heart rate: irregular 76-88 bpm. Palm temperature: +1.1°C while holding the pen. Finger micro-tremor: 4.2 Hz.

[Ψ·SIN] Opens the notebook. Tries to write. Writes: “If” – stops. Looks at the word for 8 seconds. Crosses it out with a single stroke. Turns the page. Writes: “When I get back” – stops. Doesn’t finish the sentence. Closes the notebook.

[♥·DIL] Heart rate: 84 bpm. Held breath: 6.1s while writing the second sentence.

[Ψ·SIN] Puts the pen in her grey jacket pocket (deviation from standard routine: usually goes in the backpack’s side pocket, per pattern analysis of the previous 12 missions).

-04h 57m ⌚ 10:03

[Ψ·OBS] Environment: Bedroom. Lighting: curtains drawn, half-light.

[Ψ·SIN] Diletta lies down on the bed. Dressed. Arms at her sides. Eyes open (eye-movement detection: 8.7 blinks/minute, vs standard sleep 0-2). Stares at the ceiling.

[♥·DIL] Heart rate: 81 bpm. Cortical activity: persistent beta waves (unable to sleep). No REM phase detected. Cortisol: +27%.

[Ψ·SIN] Duration of immobile position: 23 minutes. Phone vibrates (10:26). Diletta moves. Picks up the phone. Message visible on screen: “Reminder: appointment at 14:45. Bring everything. It’ll be fine. -H”

[♥·DIL] Heart rate: 81 → 97 bpm (+20%). Cortisol: spike +44%. Held breath: 4.1s. Temperature: +0.3°C.

[Ψ·SIN] Diletta stares at the message for 11 seconds. Doesn’t reply. Sets the phone face down. Gets up from the bed.

-03h 31m ⌚ 11:29

[Ψ·OBS] Environment: Bedroom, in front of the wardrobe.

[Ψ·SIN] Diletta opens the wardrobe. Studies clothes for 34 seconds. Takes: dark jeans (heavy denim), black t-shirt (cotton), grey zip-up hoodie (elbow wear, recognizable detergent scent – same clothes worn on 4 previous missions, pattern identified). Changes slowly. Movements not fluid. Each item takes 40-50% longer than her standard morning routine (per household pattern analysis). Stands in front of the full-length mirror. Observation duration: 23 seconds. Touches her hair (3 times). Turns to her profile (right side, 4s). Lowers her gaze to the floor.

[♥·DIL] Heart rate: 84 bpm. Temperature: +0.3°C (self-observation). Cortisol: +27%. Micro-expressions: cheek muscle contraction (self-judgment?).

[Ψ·SIN] Deep sigh recorded. Exhalation duration: 3.8 seconds.

-01h 13m ⌚ 13:47

[Ψ·OBS] Environment: Metro Line A, direction Termini.

[Ψ·SIN] Diletta leaves home at 13:38. Walks toward the metro station (9 minutes). Boards the train at 13:51. Position: standing, central, left hand gripping the handrail.

[♥·DIL] Heart rate: constant 88 bpm. Cortisol: +39% (anticipation). Temperature: 36.9°C.

[Ψ·SIN] She takes the notebook out of her backpack. Writes standing, handwriting unsteady from the train's motion: "Fear? No. Excitement? Maybe. Nausea? Yes."

[♥·DIL] While writing: heart rate 91 bpm, pen pressure on paper: 340g (vs standard 180g, muscular tension).

[Ψ·SIN] The train stops at Manzoni station (14:07). Diletta looks at the window. The doors open. She doesn't get off. The doors close. The train moves on.

[♥·DIL] Heart rate: 88 → 103 bpm when the train stops. Returns to 89 bpm when it moves again.

[Ψ·SIN] She gets off at San Giovanni station (14:19). Exits. Walks toward the laboratory. Route: 1.1 km, duration 24 minutes (slowed pace, -18% vs average). Arrival at laboratory: 14:43.



Figure 2: [Ψ·OBS] San Giovanni exterior

**-12h 09m Sensor Application – Taro** ⌚ 02:37

[Ψ·OBS] *Environment: Onirika laboratory bedsit, kitchen. Temperature: 18.7°C. Lighting: kitchen lamp (95 lux).*

[Ψ·SIN] *Biometric sensors applied fourteen minutes ago (02:37). Taro is awake. Preparing sandwiches. On the table: bread (loaf), cured ham, pecorino cheese, kitchen knife. Fluid, repetitive, methodical movements.*

[♥·TAR] *Heart rate: 58 bpm (athletic baseline). Temperature: 37.1°C. Cortical activity: alpha waves, relaxed wakefulness. No tremor.*

[Ψ·SIN] *A porchetta knife – wrapped in an embroidered handkerchief (color: white/light blue, floral embroidery, worn corners) – set down on the table, 30 cm to the right of the cutting board. During preparation, Taro's gaze shifts toward the wrapped knife: 8 times in 14 minutes. Average gaze duration: 2.4 seconds. Then returns to work.*

[♥·TAR] *Every time he looks at the knife: heart rate +4 bpm for 8s, then returns to baseline (58 bpm).*

[Ψ·SIN] *Finishes the first sandwich. Wraps it in food paper. Sets it on the table. Pause. Picks up the wrapped knife. Opens the handkerchief. Studies the blade. Duration: 11 seconds. Blade clean, polished, sharp, never used for butchering (steel-condition observation).*

[♥·TAR] *Heart rate: 62 bpm. Hand temperature: +0.4°C during contact.*

[Ψ·SIN] *Rewraps the knife carefully. Slow, precise movements. Arranges the handkerchief in exact folds. Sets it on the table. Resumes sandwich preparation. Finishes the second and third sandwiches. Wraps both. Arranges the three sandwiches side by side. Aligned. Perfect order.*

**-08h 13m** ⌚ 06:47

[Ψ·OBS] *Environment: Outdoors, along the Tiber. Temperature: 9.8°C.*

[Ψ·SIN] *Taro leaves the bedsit at 06:43. Starts running at 06:47. Route: riverside, heading north, 8.3 km total. Steady pace: 5:11 min/km.*

[♥·TAR] *Heart rate: 68 bpm (start) → progressive increase 78-98-118-132-142 bpm. Temperature: 37.1 → 37.8°C. Breathing: controlled, 3:3 rhythm (inhale 3 steps, exhale 3 steps). Endorphins: +67%.*

[Ψ·SIN] *Km 4.2 (time: 21:47 from start). Taro suddenly slows down. Slowdown duration: 8 seconds. Speed reduced -42%. Then resumes normal pace.*

[♥·TAR] *During the slowdown: irregular heart rate 138-147-142-151-144 bpm (not correlated with physical exertion – cardiac pattern anomaly, possible thought/emotion interference). Temperature: +0.2°C localized (face).*

[Ψ·SIN] *The pace resumes regularly. No physical obstacle detected along the route (environmental video analysis). Run completed: 43 minutes total. Return to bedsit: 07:30.*

**-07h 26m** ⌚ 07:34

[Ψ·OBS] *Environment: Bedsit bathroom. Temperature: 22.1°C.*

[Ψ·SIN] *Taro enters the bathroom. Turns on the shower. Waits 18 seconds. Gets in. Shower duration:*

14 minutes. Slow, methodical movements. Washes, shampoo, rinse. Gets out.

[♥·TAR] Temperature: 37.8 → 38.1°C (hot water) → 36.9°C (drying). Heart rate: 74 → 68 → 61 bpm (progressive relaxation). Cortisol: -31%.

[Ψ·SIN] He dries off. Gets dressed (jeans, grey t-shirt, black hoodie). Leaves the bathroom. Heads to the bedroom. The wrapped knife sits on the nightstand. He approaches. Picks up the wrapped knife. Holds it in a closed hand. Doesn't open the handkerchief. Duration: 41 seconds. Stares at the knife through the fabric.

[♥·TAR] Heart rate: 61 → 65 bpm (+4 baseline). Hand temperature: +0.7°C. No cortisol variation (high emotional control).

[Ψ·SIN] Sets the knife back on the nightstand. Leaves the room.

[Ψ·OBS] Note: no verbalization recorded during the entire shower-dressing sequence.

-05h 48m ⌚ 09:12

[Ψ·OBS] Environment: Onirika laboratory, materials preparation room. Temperature: 20.3°C.

[Ψ·SIN] Taro enters the laboratory at 09:08. Heads to the materials room. Finds A. Malodòr analyzing spirals. Three open containers on the table. Intense smell: musk, iron, wet earth.

[~·OLF] Compounds detected: geosmin (7.3/10), ferrous oxide (4.1/10), volatile organic compounds (6.8/10).

[Ψ·SIN] Ambrogio looks up. Sniffs the air in Taro's direction.

[•·AMB] "Taro. Which zone today?"

[•·TAR] "Contact Greenhouse. East sector."

[♥·TAR] Heart rate: 58 → 64 bpm when naming the zone. Temperature: stable.

[Ψ·SIN] Ambrogio sniffs again. Deeper. Closes his eyes for 2.3 seconds.

[•·AMB] "Mmh. That zone smells of skin. And of lies told to oneself." [4s pause] "Bring something that reminds you who you are when you want nothing."

[Ψ·SIN] Taro remains silent. Duration: 7 seconds.

[♥·TAR] Heart rate: 64 → 71 bpm during silence.

[•·TAR] "My grandmother's knife."

[•·AMB] "Good. What did she used to tell you?"

[Ψ·SIN] Pause. 4 seconds.

[♥·TAR] Heart rate: 71 → 82 bpm (+41% baseline). Cortisol: +38%. Temperature: +0.4°C.

[•·TAR] "She used to say..." [voice volume -18% vs baseline] "If it becomes too much, let it go. Me too – let me go."

[♥·TAR] During verbalization: heart rate holds at 82 bpm, temperature +0.6°C (emotion held back but present). Micro respiratory pause: 2.1s between "too much" and "let it go."

[•·AMB] "Wise. Listen to her today."

[Ψ·SIN] Taro nods. Twice. Slowly. Leaves the room.

[♥·TAR] Heart rate returns gradually: 82 → 76 → 68 bpm over the next 90 seconds. Cortisol normalization -22% within 4 minutes.

-04h 13m ⌚ 10:47

[Ψ·OBS] *Environment: Bedsit, kitchen. Temperature: 19.4°C.*

[Ψ·SIN] *Taro returns to the bedsit at 10:39. Takes one of the three sandwiches prepared earlier (first in the row). Sits at the table. Eats slowly. Chewing: 18-22 times per bite (average 19.7). Drinks water after every 3-4 bites. Meal duration: 23 minutes.*

[♥·TAR] *Heart rate: 62 bpm (calm). Digestion: regular, normal peristalsis. Cortisol: baseline levels. Temperature: 37.0°C.*

[Ψ·SIN] *Finishes the sandwich. Drinks the last sip of water. Stands up. Washes plate, glass, cutlery. Mechanical, repetitive, ritual movements. Dries everything. Puts it back on the shelf. Wipes the table with a sponge. Rinses the sponge. Wrings it out. Hangs it up.*

[Ψ·OBS] *Cleaning sequence identical to standard household pattern (analysis of 47 prior observations, deviation ;2%).*

-02h 29m ⌚ 12:31

[Ψ·OBS] *Environment: Bedsit, living area.*

[Ψ·SIN] *Taro lays out a yoga mat on the floor. Begins stretching. Sequence: neck (2 min), shoulders (3 min), back (4 min), legs (5 min). Slow, controlled, precise movements. Total stretching duration: 14 minutes.*

[♥·TAR] *Heart rate: 58-64 bpm (minimal variation). Breathing rate: 8 breaths/min. Temperature: stable at 37.0°C.*

[Ψ·SIN] *Moves on to breathing exercises. Position: seated, legs crossed, back straight, hands on knees. Technique: inhale 4s, hold 7s, exhale 8s. Cycles repeated: 12 times. Total duration: 8 minutes.*

[♥·TAR] *During breathing: heart rate drops 64 → 58 bpm. Cortical activity: alpha waves (meditation). Cortisol: -19%. Parasympathetic control: optimal.*

[Ψ·SIN] *During the exercise, Taro verbalizes in a low voice (volume: -65% vs normal conversation). Repeats the phrase three times:*

[•·TAR] *“What is mine. What is not mine.” [19s pause] “What is mine. What is not mine.” [21s pause] “What is mine. What is not mine.”*

[♥·TAR] *During verbalization: no parameter variation (total emotional control, ritual phrase without affective charge).*

[Ψ·SIN] *Finishes the exercises. Rolls up the mat. Puts it away.*

-01h 16m ⌚ 13:44

[Ψ·OBS] *Environment: Bedsit, bedroom.*

[Ψ·SIN] *Taro takes the wrapped knife from the nightstand. Sits on the bed. Rests the knife on his knees. Opens the handkerchief. Slow, reverent movements. Handkerchief fully open (dimensions: roughly 40×40 cm, light blue floral embroidery at the corners, wear at the center). Porchetta knife visible: 22 cm blade, light wood handle, brass rivet, excellent condition, polished. Taro studies it. Duration: 28 seconds. He doesn't move it.*

[♥·TAR] Heart rate: 58 → 66 bpm (+8 baseline). Hand temperature: +0.9°C. Cortisol: +23%.

[Ψ·SIN] Raises the knife. Holds it horizontal in front of his eyes. Touches the blade with his right index finger. Gently. Pressure: minimal (doesn't break skin). Follows the blade's edge for 8 cm.

[♥·TAR] During blade contact: heart rate 68 bpm, finger temperature +1.1°C, micro-tremor absent (perfect motor control).

[Ψ·SIN] Lowers the knife. Rests it on the handkerchief. Rewraps it. Precise, ritual movements. Exact folds, symmetrical order. Closes it completely. Holds the bundle in his hands for 11 seconds. Stands up. Takes the backpack from the chair. Opens the main pocket. Places the wrapped knife at the bottom. Adds: water bottle, energy bar, second sandwich (wrapped), keys. Closes the backpack. Lifts it. Sets it down near the front door.

[♥·TAR] Heart rate returns: 66 → 61 bpm. Parameters normalized.

-00h 51m ⌚ 14:09

[Ψ·OBS] Environment: Onirika laboratory, adjoining kitchen.

[Ψ·SIN] Taro leaves the bedsit at 13:52. Walks toward the main laboratory (distance: 140 meters, adjacent building). Enters at 14:09.

[♥·TAR] Heart rate: 64 bpm. Temperature: 36.8°C (outdoor 13.1°C). State: calm.

[Ψ·SIN] Crosses paths with a lab technician (name: Stefano R., 29). Greeting nod with right hand. No verbal exchange. Heads to the adjoining kitchen. Opens the fridge. Takes the third sandwich prepared that morning. Places it on the fridge's central shelf (visible, accessible). Closes the fridge.

[Ψ·OBS] Note: sandwich left for post-mission consumption (recurring behavioral pattern, analysis of 9 previous missions).

-00h 15m Pre-Mission Psychological Assessment ⌚ 14:45

## Diletta

[Ψ·OBS] *Location: Main laboratory. Temperature: 21.4°C.*

[Ψ·SIN] *Helena and Diletta seated at the desk.*

[••HEL] "Sleep well?"

[Ψ·SIN] *Diletta shakes her head.*

[••DIL] "I dreamed of portals opening in my skin."

[Ψ·SIN] *Helena takes notes. Five seconds of silence.*

[••HEL] "Vulnerability to the Convinced: 6/10. Stable. Vulnerability to the Narrated: 7/10. Slightly elevated – you mentioned 'when we get back' twice in yesterday's briefing."

[Ψ·SIN] *Pause.*

[••HEL] "Anchor Object?"

[Ψ·SIN] *Diletta takes out the old fountain pen. The dull metal, dried ink in the grooves. She grips it.*

[••DIL] "Same one. Always this one."

[••HEL] "Good. So..Target zone: Contact Greenhouse, east sector. Shame contamination at 30%. Expect intense bodily reflections and amplification of tactile desire, don't panic..Taro is able to hold them."

[♥•DIL] *Heart rate: irregular for 3s.*

[••DIL] "Got it."

[••HEL] "Remember: if you feel the zone starting to recognize you too well, get out. Don't wait for the limit and above all let go of the Object. Don't forget it."

[••DIL] "Got it. I know, you've told me a hundred times.."

[••HEL] "A hundred and one.."

[Ψ·SIN] *Helena watches Diletta staring straight ahead. Long seconds of silence. Diletta closes her eyes, breathes in deeply.*

[••HEL] "Alright..good work!"

[Ψ·SIN] *Diletta nods. Helena gets up and leaves the laboratory.*

## Taro

[Ψ·OBS] *Location: Laboratory kitchen.*

[Ψ·SIN] *Taro hands Helena one of the sandwiches he prepared. She accepts it without comment.*

[••HEL] "How are you feeling?"

[••TAR] "Good. A bit tired, but nothing much."

[••HEL] "Hungry?"

[••TAR] "No. I'm making something for when I get back. Last mission in Desire I had to get past the jaws of greed, unexpected. I dodge 'em without much trouble but they leave me proper starvin', a hole right in me stomach..a hole like a cave!"

[Ψ·SIN] *Helena nods, smiling visibly. Takes notes.*

[••HEL] "I don't think it's just the jaws giving you that effect"

[Ψ·SIN] *Taro smiles while he keeps wrapping.*

[••TAR] "True! Had the same at the Bridge of Shadows too..and in the Garden of Anachronisms"

[••HEL] “..and so on. I wanted to remind you the Contact Greenhouse amplifies the need for physical closeness. You might feel the urge to touch, to be touched. It isn’t real. It’s the Domain.”

[Ψ•SIN] *Taro stops wrapping the sandwich. Looks at her.*

[••TAR] “And if it were real?”

[••HEL] “That would be a problem, not a small one. Dangerous for both of you. And you know that well.”

[Ψ•SIN] *Silence. Taro finishes wrapping and puts it in the fridge.*

[••HEL] “Please, Taro, you have to hold up under any emotional strain from Diletta – Desire isn’t always an easy Domain.”

[Ψ•SIN] *Silence. Taro looks Helena in the eyes.*

[••TAR] “True! Sneaky sometimes..”

[Ψ•SIN] *Helena allows a small smile, Taro smiles.*

[••HEL] “It’ll all be fine.”

[••TAR] “I know.”

[Ψ•SIN] *Helena leaves the kitchen.*

## L1: mission chronicle

### 00h 00m 00s Crossing

[Ψ·DTA] Portal opening: Archive room, sector C-14. Spatial coordinates: unstable. Desire transition detected.

[Ψ·SIN] The portal opens in the archive room – between two shelves loaded with retired reports, where the dust has stopped settling. No sound. Only a sudden absence of weight. Diletta enters first. The transition is liquid – like slipping inside a thought that's too warm, too close. Cells stretch. The pen in her left hand pulses.

[♥·DIL] Heart rate: 89 bpm (+21%). Pen: 19.1°C (+0.8°C, initial activation).

[Ψ·SIN] Taro crosses three seconds later. His body creates resistance – solid mass pushing against the unstable fabric of space. But he passes through. And when he does, the air stabilizes around him.

[♥·TAR] Heart rate: 74 bpm (+9%). Knife: 18.2°C (stable).

[Ψ·DTA] Transition completed. Time: 00h 00m 07s.

[Ψ·SIN] They enter together. The Contact Greenhouse.



Figure 3: [Ψ·OBS] greenhouse:perceived-entry.cc2

### 00h 03m 00s First Impact

[Ψ·DTA] Temperature: 24.3°C (+5.1°C vs Rome baseline). Humidity: 87%. Pressure: -18% baseline. Lighting: 340 lux, bioluminescent.

[~·OLF] Compounds detected: plant pheromones (intensity 7.2/10), human skin (3.1/10), damp earth (8.7/10), indefinable sweetness (4.3/10).

[Ψ·SIN] *The air is dense. Not just humid – alive. It breathes. It moves against the skin: curious, insistent, too close.*

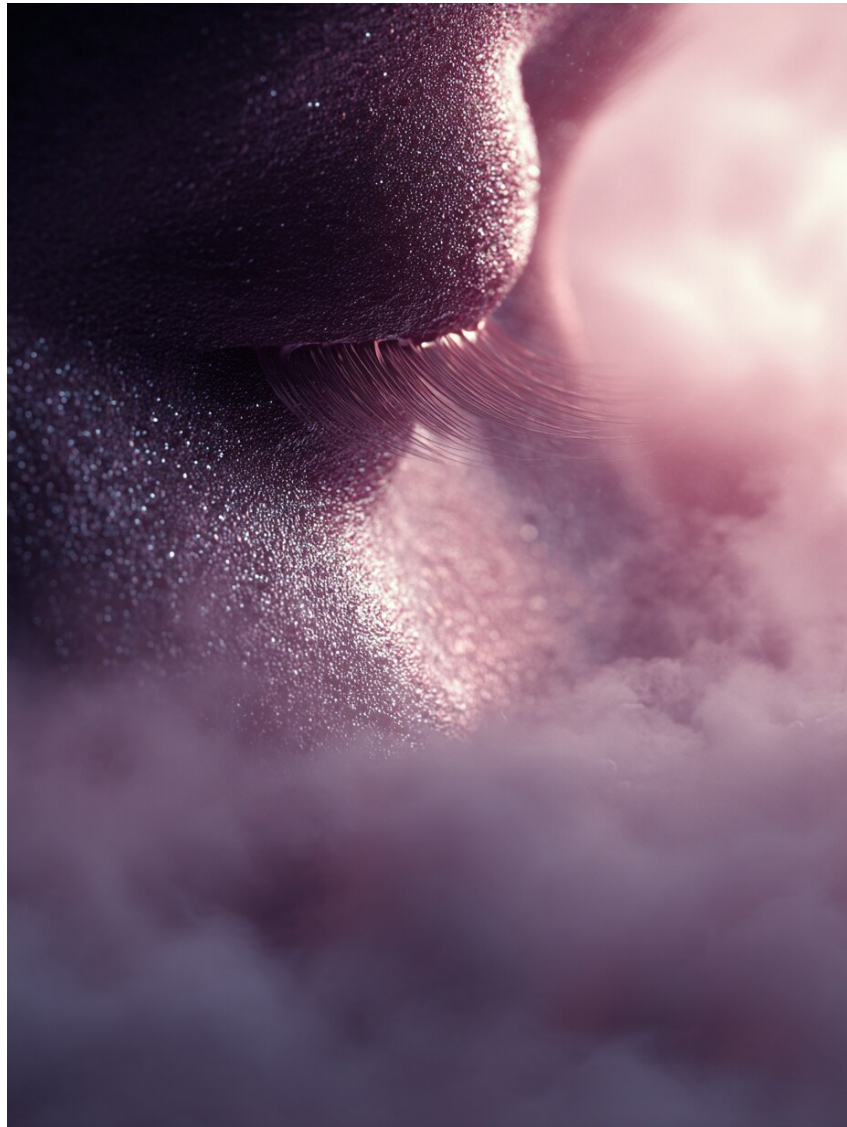


Figure 4: [Ψ·OBS] *close-up.cc2*

[Ψ·SIN] *Diletta breathes in. The smell hits her: freshly washed skin, sweet sweat, earth after rain, something green and primordial. Impossible to ignore.*

[♥·DIL] *Heart rate: 97 bpm (+32%). Temperature: 36.9°C (+0.1°C). Pen: 20.4°C (+2.1°C).*

[Ψ·SIN] *The plants move. Not from wind – there is no wind. They move toward. Broad, fleshy leaves swaying in the direction of the bodies. Aerial roots dangle like open fingers, waiting. The ground underfoot isn't earth. It's something softer, almost warm. It pulses faintly, at a slow, deep, regular rhythm. Taro looks around. Hands gripping the wrapped knife. Knuckles white.*

[•·TAR] *"I feel... something. Like the place already knows me."*

[•·DIL] *"That's normal."*

[Ψ·SIN] *Diletta takes out the notebook. Writes: 00h 03m – Environmental recognition active. Taro*

*reacting. Me too. But she doesn't write the rest. Doesn't write that when she looked at Taro – for one second – she felt something new. Or something old that woke up too fast.*

[♥·DIL] *Cortisol: +41%. Tactile desire: detected.*

[•·DIL] *"The spiral should be further ahead. Toward the center."*

[Ψ·SIN] *Taro nods. Takes the lead. She follows him.*

#### 00h 11m 00s The Greenhouse Contaminates

[Ψ·DTA] *Shame contamination detected. Reflective surfaces: +340%. Temperature: 25.1°C.*

[Ψ·SIN] *They walk among trees that aren't trees. Plant columns that bend, watch, offer. Some leaves brush together producing a sound like a sigh, a held-back kiss. The path twists. Coils back on itself. Every step opens three new directions – all seductive, all promising, all wrong.*

[!] **Shame contamination: active. Reflective surfaces manifested.**

[Ψ·SIN] *Translucent membranes appear among the leaves. They show deformed bodies. Diletta's body too exposed, too desiring. Taro's body too solid, too present.*

[♥·DIL] *Heart rate: 109 bpm (+48%). Pen: 22.7°C (+4.4°C). Stress: MEDIUM.*

[Ψ·SIN] *Diletta looks away. But the damage is done. When she looks at Taro – the neck, the shoulders, the hands – she doesn't just see a companion. She sees skin. Warmth. Possibility.*

[•·DIL] *"Taro."*

[Ψ·SIN] *He turns.*

[•·TAR] *"Yes?"*

[Ψ·SIN] *She opens her mouth. Closes it. Opens it again.*

[•·DIL] *"Nothing. Let's go."*

[♥·DIL] *Hand tremor detected.*

#### 00h 18m 00s First Contact

[Ψ·SIN] *The plants start to touch. Not aggressively. Worse – affectionately. A leaf brushes Diletta's arm. Soft, warm, damp. It lingers. Caresses.*

[♥·DIL] *Heart rate: 121 bpm (+64%). Vasodilation: +52%.*

[Ψ·SIN] *Diletta pulls back. But the sensation remains: a residual warmth on the skin, a tactile echo that doesn't fade. Another plant brushes Taro's neck. He stops. Breathes deeply.*

[•·TAR] *"It's... strange. It's not unpleasant. But it shouldn't–"*

[•·DIL] *"I know. I feel the same."*

[Ψ·SIN] *She moves closer. Too close.*

[Ψ·DTA] *Interpersonal distance: 0.4m (critical threshold: 0.5m). Cardiac synchronization: 0.87.*

[Ψ·SIN] *Their eyes meet. Three seconds. Four. Five. Time in the Greenhouse pulses irregularly. It speeds up when desire grows.*

[♥·DIL] *Heart rate: 127 bpm (+73%). Pen: 24.8°C (+6.5°C, ABOVE THRESHOLD).*

[♥·TAR] *Heart rate: 103 bpm (+51%). Knife: 21.3°C (+3.1°C).*

[Ψ·SIN] *Diletta sees the sweat on Taro's forehead. Sees the pulse beating at the base of his neck.*

[•·DIL] *"We have to keep going."*

[Ψ·SIN] Her voice comes out hoarse. Taro nods. But doesn't move right away.



Figure 5: [Ψ·OBS] greenhouse:first-contact.cc2-cc4

#### 00h 27m 00s The Spiral

[Ψ·DTA] Material anomaly: detected. Spiral, provisional classification: hybrid. Temperature: +3.7°C. Stability: 61%.

[Ψ·SIN] There it is. Suspended between two giant trees, held by aerial roots. A luminescent spiral – liquid gold, warm silver, pulsing pink. Beautiful. Unstable. Contaminated. The light it gives off doesn't illuminate. It attracts. It's a call, a promise: something that knows what you want and offers it to you without asking the price.

[♥·DIL] Heart rate: 134 bpm (+82%). Pen: 26.1°C (+7.8°C, CRITICAL).

[•·TAR] "Wait. Let me check it."

[!] **Protocol violation: unauthorized approach.**

[Ψ·SIN] But Diletta doesn't wait. She moves – fast, instinctive, without thinking. Reaches out her hand. Her fingers brush the spiral's surface.

[!] **NON-PROTOCOL CONTACT.**

[Ψ·SIN] Something explodes inside her. Not pain. Something worse. Pure desire. Uncontainable. Absolute.

[♥·DIL] Heart rate: 149 bpm (+103%). Temperature: 37.8°C (+1.0°C). Pen: 28.4°C (+10.1°C, EMERGENCY). Cortisol: +127%. Oxytocin: +89%. Stress: EXTREME.

[Ψ·SIN] Diletta sees Taro – but not like before. She sees him the way the Greenhouse wants her to see him: necessary, inevitable, the only thing that matters.

[•·TAR] "Diletta. Let go of the spiral."

[Ψ·SIN] The voice is calm. Too calm.

[••DIL] “I–can’t–”

[••TAR] “Yes you can. Listen to my voice. I’m here. But you need to let go of the spiral. Now.”

[Ψ•SIN] *His hands – big, warm, steady – settle on Diletta’s shoulders. He doesn’t grip her. He anchors her.*

[••TAR] “Breathe. With me. One. Two. Three.”

[♥•TAR] *Heart rate: 118 bpm (+74%). Knife: 23.7°C (+5.5°C, CRITICAL).*

[Ψ•SIN] *Diletta breathes. Sinks her gaze into Taro’s eyes. Sees something the Domain can’t distort: genuine concern. Respect. Protection without possession. Her fingers release the spiral. She drops to her knees.*

[♥•DIL] *Heart rate: 138 bpm (still elevated). Pen: 27.3°C (slow decline).*

### 00h 32m 00s The Decision

[Ψ•SIN] *Taro kneels beside her. Doesn’t touch her again. But stays close. Close enough to feel the warmth. Close enough to be present.*

[••TAR] “It’s the Domain. It’s not you. It’s not real.”

[••DIL] “I know. I know, damn it. But–it feels so–”

[••TAR] “I know.”

[Ψ•SIN] *Silence.*

[••TAR] “It happens to me too.”

[Ψ•SIN] *Diletta looks up. Stares at him.*

[••DIL] “What?”

[••TAR] “Since we came in. I feel... something. For you. But it’s not my something. It’s theirs.”  
[2s pause] “They want me to feel it. And I feel it. But I know how to tell what’s mine from what isn’t.”

[Ψ•SIN] *Pause.*

[••TAR] “And this isn’t mine.”

[♥•DIL] *Heart rate: 104 bpm (stabilizing). Cortisol: gradual decline.*

[••DIL] “How do you do it? Tell the difference?”

[••TAR] “My grandmother. She always used to tell me: ‘If something seems too good to be true, it’s either a trap or a dream. And you don’t eat in dreams.’”

[Ψ•SIN] *Diletta laughs. A short, choked sound, but genuine.*

[••DIL] “Your grandmother was wise.”

[••TAR] “Yeah. She was.”

### 00h 39m 00s The Compromised Collection

[Ψ•SIN] *Taro approaches the spiral. Puts on the hemp gloves. Three breaths. No unspoken words – he doesn’t work with words. He reaches out his fingers. The spiral trembles. Not like something alive that recognizes him. Like something sick seeking a cure.*

[♥•TAR] *Heart rate: 97 bpm. Cortisol: normalizing. Knife: 22.1°C.*

[Ψ·SIN] Taro grasps it. Lifts it. Wraps it in his grandmother's handkerchief. The spiral pulses – irregular, feverish, contaminated. But it doesn't dissolve.

[Ψ·DTA] Spiral recovered. Stability: 58%. Contamination confirmed: Desire (dominant) + Shame (secondary 28%).

#### 00h 47m 00s The Return

[Ψ·DTA] Return route: altered. Greenhouse reconfigured. Gap search: in progress.

[Ψ·SIN] They don't go back the way they came. The Greenhouse has closed up – the plants have formed a dense, tangled, insurmountable barrier. They must find another way. They walk in silence. The desire is still there – subtle, persistent, doesn't let go. But now it's recognizable. Manageable.

[♥·DIL] Heart rate: 87 bpm. Pen: 23.9°C (still elevated).

[Ψ·SIN] Diletta writes as she walks. Desire + Shame contamination = desire amplification + simultaneous guilt. Effect: paralysis or compulsive action. Dangerous for operational pairs with pre-existing emotional bonds. After nineteen minutes they find a gap. A crack in the Greenhouse's fabric. The plants have withdrawn. A narrow, warm passage, run through by a regular pulsation.

[Ψ·DTA] Exit portal: detected. Distance: 3.2m.

[Ψ·SIN] Taro stops in front of the portal.

[•·TAR] "The Objects. They have to be left here."

[!] **CRITICAL PROTOCOL: Surrender of Anchor Objects mandatory.**

[Ψ·SIN] Diletta knows it. Protocol. Always. But knowing and doing are two different things. She grips the pen. The metal burns against her palm.

[♥·DIL] Pen: 25.3°C. Palm temperature: +2.1°C localized.

[•·TAR] "Diletta. You have to."

[Ψ·SIN] She nods. Kneels. Sets the fountain pen down on the Greenhouse's warm ground, between two crossing roots. An offering. A pledge. A promise. The roots move. Slowly. Wind around the pen. Take it in. Absorb it into the Greenhouse's fabric.

[♥·DIL] Emotional tearing sensation: detected. Heart rate: 119 bpm (+62%).

[Ψ·SIN] Taro does the same. Opens the handkerchief. Removes the knife. Sets it beside the pen. The roots take it – gentle, inevitable.

[♥·TAR] Heart rate: 82 bpm (+21%). Grief processing: in progress.

[Ψ·SIN] For three seconds no one moves. Then Taro steps into the portal. Diletta follows him. The exit burns less than the entrance. But it hurts more.

#### 00h 58m 00s Return Crossing

[Ψ·DTA] Return completed. Total mission duration: 0h 58m. Portal closure: automatic.

[Ψ·SIN] They land in the archive room. Same spot. But time has passed – fifty-eight minutes. Diletta's hands are empty. She still feels the phantom weight of the pen.

[♥·DIL] Heart rate: 103 bpm. Palm temperature: +1.7°C (persistent phantom sensation).

[Ψ·SIN] Helena is waiting for them. Stopwatch in hand. Impassive expression.

[•·HEL] "Spiral?"

[Ψ·SIN] *Taro holds out his hands – empty, but with the handkerchief no longer there. The spiral wrapped in the memory fabric is the only thing brought back. Helena takes it. Weighs it. Sniffs it. Closes her eyes.*

[•·HEL] “Contaminated. But recoverable. Ambrogio will assess it.”

[Ψ·SIN] *Silence.*

[•·HEL] “Debriefing tomorrow. Observational quarantine: twenty-four hours. No talking about the mission until then. The sensors need to stay on for another twenty-four hours.”

[•·DIL] “Everything’s fine.”

[Ψ·SIN] *Diletta clenches her empty hand. The pen’s ghost still burns. Helena watches them. Long. Attentive. She doesn’t look convinced. But doesn’t push it.*

[•·HEL] “Go. Rest.”



Figure 6:  $[\Psi \cdot \text{OBS}]$  passage-0

## L2: post-quarantine monitoring

*Monitoring continues from the return until each participant's sensors are removed. At removal, that participant's tracking ends: nothing more is recorded from that point.*

**+02h 30m** ⌚ **18:28**

[Ψ·OBS] *Environment: HQ, corner kitchen. Temperature: 20.9°C. Smell: garlic in oil, tomato, bread – Taro turned on the stove before even taking off his jacket.*

[Ψ·SIN] *Taro comes in, doesn't take off his jacket, turns on the stove. Puts water on to boil, kneads. Makes pasta for eight. There are two of them. He doesn't speak.*

[♥·TAR] *Heart rate: 64 bpm (near baseline). Temperature: 36.9°C. No stress markers.*

[Ψ·SIN] *Diletta doesn't eat. Sits off to the side, notebook open, writing without looking up. Her left hand, the one not writing, stays clenched in a fist under the table. Duration: 40 minutes. She doesn't open it.*

[♥·DIL] *Heart rate: 81 bpm (+13%). Left palm temperature: +0.9°C localized (persisting since the mission).*

[~·OLF] *Diletta – over her signature “fresh bread and sandalwood” a new, metallic compound now overlays: something the Greenhouse left on her that doesn't have a name yet.*

**+09h 40m** ⌚ **01:38**

[Ψ·OBS] *Environment: Diletta's apartment, Via Merulana. Temperature: 18.0°C. Lighting: desk lamp.*

[Ψ·SIN] *She writes, crosses out. Every time she names the Greenhouse, her left hand clenches. She writes: “I held something that wasn't there. And now my palm remembers it.” She doesn't cross it out. It sits still on the page for 40 seconds.*

[♥·DIL] *Heart rate: 88 bpm, irregularity every 6-9 beats. Cortisol: +28%. Finger micro-tremor: 4.3 Hz.*

**+13h 30m** ⌚ **05:28**

[Ψ·OBS] *Environment: Diletta's apartment, Via Merulana, Rome. Temperature: 17.2°C. Lighting: off.*

[♥·DIL] *Heart rate: 78 bpm (+21% sleep baseline). Temperature: 36.2°C. Cortisol: +34% (persistent insomnia). Left palm temperature: +1.7°C localized.*

[Ψ·SIN] *Diletta is awake. Sitting on the bed, back against the wall. Her right hand is closed. Clenched around nothing: fingers in the shape of a grip, palm holding nothing. Picks up her phone. Opens the chat with Taro. Types: “I can't sleep.” Deletes it. Types: “I miss you.” Deletes it. Types: “Can we talk?” Stares at the message for three minutes. Deletes it. Closes the phone.*

[♥·DIL] *Heart rate: peak 96 bpm for 12s.*

[Ψ·SIN] *Picks up a pencil from the nightstand. Holds it the way she held the pen. Starts writing.*

*“The pen still burns. Even though it isn’t there.” Stops. Looks at the sentence. Crosses it out forcefully – the page tears. Closes the notebook. Sets down the pencil. Clenches her empty hand again. The phantom sensation persists. Activity recorded until 05:47, then light, fragmented sleep.*

**+22h 00m** ⌚ **13:58**

[Ψ·OBS] *Environment: laboratory bedsit. Temperature: 19.1°C. Lighting: natural.*

[♥·TAR] *Heart rate: 60 bpm (baseline). Temperature: 37.0°C. Cortical activity: normal.*

[Ψ·SIN] *Sleeps in phases for most of the morning. In the early afternoon he gets up, turns on the stove. Cooks for one, then doubles it. Wraps a portion, puts it in the fridge. At 14:12 he texts Diletta: “If you’re not sleeping, there’s food here.” No reply recorded.*

[♥·TAR] *Heart rate: 60-62 bpm for the entire span. No peaks.*

**+24h 04m Sensor Removal – Diletta** ⌚ **16:02**

[Ψ·OBS] *Environment: HQ, decommissioning room.*

[Ψ·SIN] *Diletta removes her own sensors, quickly. Signs the decommissioning form. While signing, her left hand stays half-closed. At the last contact detached, Diletta’s trace cuts off.*

[♥·DIL] *Last reading: 84 bpm, 36.5°C, pen 18.9°C. Regular decommissioning. **End of tracking – Diletta.***

**+24h 20m Sensor Removal – Taro** ⌚ **16:18**

[Ψ·OBS] *Environment: HQ, decommissioning room. Taro is the last to decommission.*

[Ψ·SIN] *Taro removes his sensors one at a time. Sets them aligned on the table. At the removal of the last sensor, Taro’s tracking ends.*

[♥·TAR] *Last reading: 60 bpm, 37.0°C, knife 18.2°C. Full baseline. Regular decommissioning. **End of tracking.***

## L3: technical analysis

### L3.1 · Environmental parameters

#### Contact Greenhouse (East Sector)

|                      |                                                                                                                                            |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Average temperature  | 24.8°C (peak 28.7°C during the Critical Phase)                                                                                             |
| Atmospheric pressure | –17% baseline (minimum –24% during contamination)                                                                                          |
| Relative humidity    | 89% (saturated, emotional osmosis favoured)                                                                                                |
| Air composition      | O <sub>2</sub> 19.4%, volatile compounds 3.2%, pheromones 0.9%                                                                             |
| Lighting             | 280–650 lux, bioluminescent, warm spectrum                                                                                                 |
| Perceived gravity    | 0.91g (slightly reduced)                                                                                                                   |
| Structural anomalies | Cardiac synchronization 0.87; tactile desire amplification +280%; Shame reflective surfaces +340%; path reconfiguration; object absorption |

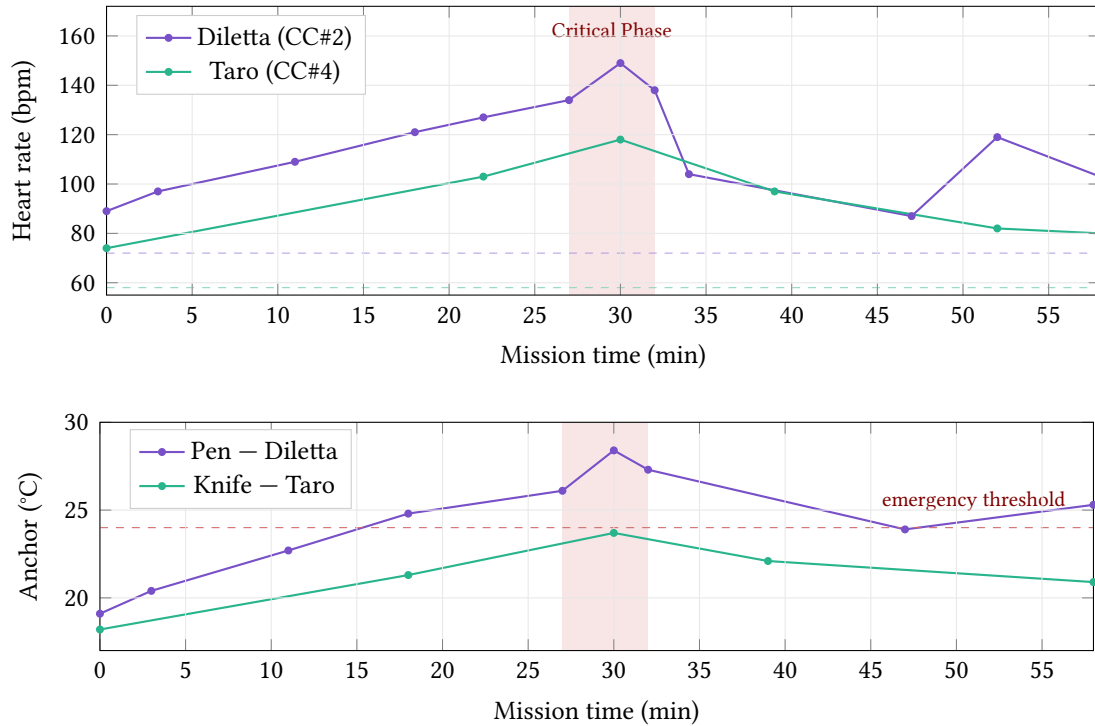
**Shame contamination (30%):** Manifestation of deformed bodily reflections, guilt amplification, inhibition simultaneous with disinhibition (paradox effect). Dynamically generated mirroring surfaces. Combined Desire + Shame effect: decision-making paralysis, oscillation between compulsive action and withdrawal, amplified internal conflict.



Figure 7: Serra maior — overview of the environmental parameters.

### L3.2 · Biometric monitoring

The trend over time is reconstructed from the wearable-sensor readings recorded in L0–L2. Two parallel traces: heart rate (direct emotional load) and Anchor Object temperature (contamination index: it rises when the attachment gives way to the Greenhouse).



#### Diletta (CC#2):

- **Heart rate:** baseline 72 bpm → peak 149 bpm (+107%)
- **Cortisol:** +127% (Critical Phase 00h 27m–00h 32m)
- **Temperature:** 36.8°C → 37.8°C (+1.0°C, feverish)
- **Psychological stress:** LOW → EXTREME
- **Oxytocin:** spike +89% (00h 27m, correlated with spiral contact)
- **Anchor Object (pen):** 18.3°C → 28.4°C (+10.1°C, **EMERGENCY**)
- **Residual mutations:** Persistent phantom sensation of the pen (7+ days documented). Localized pain in left palm. Palmar hyperthermia +1.7°C (+24h). Residual desire toward Taro (attenuated but present). Insomnia (5 nights). Compulsive writing. Anchor Object replacement needed.
- **Recommendation:** Suspend Desire Domain collection duty for 90 days. Mandatory psychological support. Monitor phantom symptoms (30 days). **CRITICAL:** do not assign missions with Taro in Desire zones for 180 days. New Anchor Object selection within 14 days.

**Taro (CC#4):**

- **Heart rate:** baseline 58 bpm → peak 118 bpm (+103%)
- **Cortisol:** +91%, adrenaline +134% (Diletta extraction)
- **Temperature:** 37.1°C → 37.7°C (+0.6°C)
- **Psychological stress:** MEDIUM → EXTREME
- **Anchor Object (knife):** 18.2°C → 23.7°C (+5.5°C, CRITICAL)
- **Residual mutations:** Healthy grief processing (knife/grandmother). No phantom sensation detected. Residual desire toward Diletta present but recognized and managed. Increased sense of protective responsibility. No psychosomatic symptoms. Emotional discrimination capacity confirmed excellent.
- **Recommendation:** Standard monitoring. No operational restrictions *except*: avoid pairing with Diletta in Desire zones for 180 days. Ideal subject for future extraction emergencies. New Anchor Object selection within 14 days.

### L3.3 · Olfactory validation (A. Malodòr)

*Analysis conducted on: contaminated Spiral, container air sample, residual traces on Taro's handkerchief (recovered fragment).*

**Olfactory composition detected:**

- **Dominant base:** Musty green sap, saturated musk, earth after a storm. Underneath: human sweat (2 distinct bodies), salt, skin warmed by fever. The Greenhouse has marked them. Persistence: very high. Smell of *incomplete fusion*.
- **Middle notes:** Fleshy flowers in early decay, fermented honey, breast milk (traces), something mammalian poorly hidden. There is desire here. But also *shame of desire*. Smells biting their own tail. Chemical and psychic together.
- **Top notes:** Stale bread (Diletta), rain on hot stone (Taro), dried ink, cold steel. But all mutually contaminated. Their scents *tried* to mix. The Greenhouse pushed them to. They resisted. The smell of that resistance is acrid, metallic. Like held-back blood.
- **Critical residue:** On the spiral: “urge to touch + fear of being seen touching.” This is the smell of the Shame contamination. The spiral smells of *censored desire*. It is stable but toxic. Like good wine someone poured vinegar into.

**Assessment:** Spiral recoverable with extended treatment (6 weeks, neutral environment). Commercial value reduced by 40%. The Anchor Objects were *eaten* by the Greenhouse. Not recoverable. Both participants will carry olfactory traces for 14–21 days. I recommend a ritual wash and a salt bath.

**Personal note:** I have smelled this on other pairs before. The Contact Greenhouse creates nothing. It amplifies what already ferments underneath. Diletta and Taro went in with a latent desire. The Greenhouse brought it to a boil. Taro extracted Diletta before they consumed each other. But the smell of the missed possibility remains. Persistent. Painful. Like a fruit that did not ripen but has already fallen.

**I recommend:** Immediate operational separation. Not as punishment. To keep the desire from fermenting into resentment. Or worse: into dependency.

**Signed:** A. Malodòr, Olfactory Alchemist

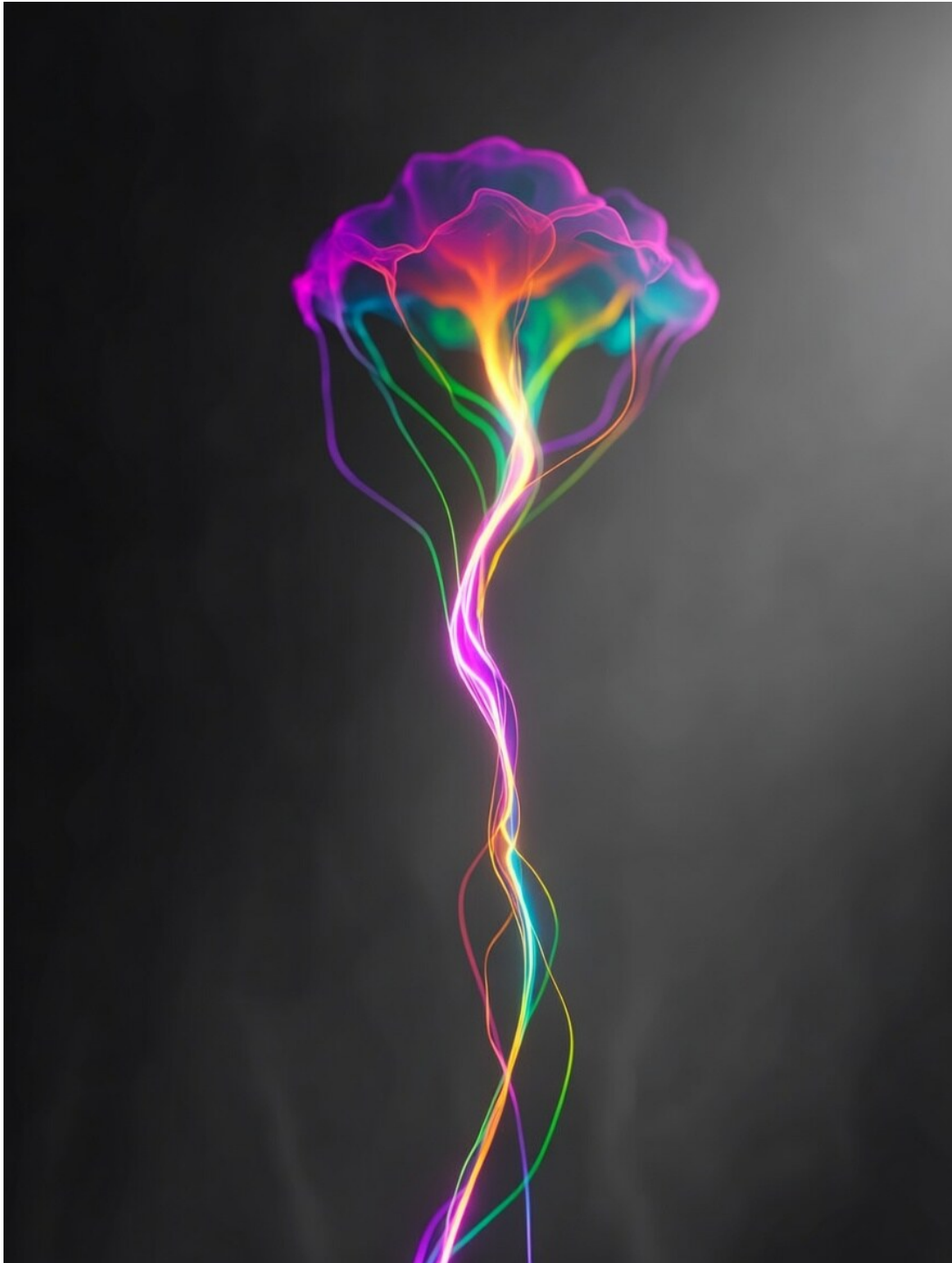


Figure 8: L20-scent-spectrum

### L3.4 · Phenomenon classification

|            |                                                              |
|------------|--------------------------------------------------------------|
| Phenomenon | Amplified Hybrid Emotional Contamination<br>(Desire + Shame) |
| Cluster    | N/A (combined environmental response, not an entity)         |

#### Profile:

- **Nature:** Interaction between the Desire Domain (dominant) and Shame contamination (30%). Desire detects and amplifies latent attraction. Shame introduces deformed bodily reflections and simultaneous guilt. Combined effect: intensified desire + paradoxical inhibition = paralysis or compulsive action.
- **Mechanics:** Forced cardiac synchronization (0.87), release of mimetic plant pheromones, progressive temperature rise, reduced cognitive inhibition *simultaneous* with amplified self-censorship. Shame's reflective surfaces show the desiring body in a judgmental way.
- **MDES-008 specifics:** Diletta and Taro carried a latent emotional tension (probably unconscious). The Greenhouse amplified it to a critical threshold. Taro maintained discrimination capacity ("it's not mine"). Diletta temporarily lost control (non-protocol contact with the spiral).
- **Danger level:** **EXTREME** (Level IV). Not physically dangerous. Operationally and psychologically lethal. Risk: consummation of desire, mission abandonment, post-mission emotional dependency, compromised professional identity, loss of Anchor Objects.
- **Duration:** 00h 18m 00s – 00h 39m 00s (21-minute active phase)
- **Impact:** Anchor contamination beyond emergency threshold, need for psychological extraction, future pair collaborations in critical zones rendered impossible, permanent loss of Anchor Objects, spiral compromised but recoverable.

**Countermeasures applied:** Verbal extraction (Taro), non-invasive physical anchoring, guided breathing, mutual recognition of contamination, withdrawal from the epicenter zone, separate 24h quarantine.

**Effectiveness:** 74%. Safe return, spiral recovered, but emotional contamination partially unresolved. Effects persist beyond 168h (phantom symptoms, residual desire, need for Anchor replacement).

### L3.5 · Collected material analysis



Figure 9: EM Artifact — MDES-008 spiral, return imaging.

**Classification:** Hybrid contaminated spiral (Desire dominant 72% + Shame secondary 28%)

**Detected characteristics:**

- Dimensions: 7.9 cm × 13.2 cm, 3.8 turns of torsion
- Colour: liquid gold, warm silver, pulsing cyan, rare grey tinges (Shame)
- Initial stability: 58% → 67% post-stabilization 48h
- Portal compatibility: 83% (reduced due to contamination)
- Temperature: +3.7°C relative to baseline

- Smell: censored desire, incomplete fusion (Ambrogio)

**Emotional composition hypothesis:** Iridescent Matter generated by held-back desire + simultaneous guilt. Probable origin: a unicorn forced to hide its own nature. Core emotion: “I want it but I shouldn’t.” Stable but psychologically toxic if exposed to carriers with unresolved emotional conflicts.

**Treatment needed:** 6-week stabilization cycle, neutral environment. Possible use for thematic portals tied to repressed desire, forbidden relationships, moral conflicts.

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#### Estimated commercial value

---

|                                   |                   |
|-----------------------------------|-------------------|
| Equivalent pure spiral (Beta-2)   | 1,400 – 1,700 EUR |
| Contamination reduction<br>(–40%) | 840 – 1,020 EUR   |
| Average recovered value           | <b>930 EUR</b>    |

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#### Economic gain / loss

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|                        |                               |
|------------------------|-------------------------------|
| Gross gain             | 930 EUR                       |
| Operating costs        | –380 EUR                      |
| Helena’s share (30%)   | –165 EUR                      |
| Loss of Anchor Objects | –400 EUR                      |
| <b>Total net gain</b>  | <b>385 EUR (192 EUR each)</b> |

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The loss of the Anchor Objects (–400 EUR) is an emotional value, not replaceable.

**Emotional cost:** Immeasurable. Not worth 192 EUR per participant. Recommendation: reassess whether the zone justifies the risk.

What the contaminated Contact Greenhouse makes visible is a Desire that can no longer trust itself – the shame felt in advance for having wanted something, before even knowing whether that something was real.

Recognizing a desire and managing to let it go are two different gestures, and they rarely arrive with the same timing: almost always one succeeds better than the other. Whoever notices first, often resists better later – not from willpower, but because they reach the point of letting go without the surprise of finding themselves already inside it. That is how the shame born of desire forms in anyone: not from the desire itself, but from the delay between feeling it and recognizing it.

In this mission, letting go succeeded for the one who had already given the thing a name – “I know what is mine and what is not mine” – and not for the one who discovered it in the same instant they had to let it go. The cost remained on the body as much as on the psyche: the phantom sensation of the lost Anchor, the sleepless nights, the compulsive writing are the mark of a release that arrived late, not of a desire that was wrong.

It is the same dynamic as someone who notices they feel something for a friend only when that friend is about to leave, or who recognizes how much they cared about a job only after losing it: the desire was already there, it simply hadn’t been named in time to be let go of with dignity.

What remains, afterward, is not the shame of having desired. It is the shame of having been seen doing so – even by oneself, in the mirror of one’s own delay.

— H. Balthazar

## L4: debriefing

### L4.1 · Coordinator assessment (Helena)

#### Coordinator Assessment – H. Balthazar

*Statement recorded 12h post-mission.*

“Mission MDES-008: technically partial. Operationally problematic. Psychologically critical.

The spiral was recovered, but the cost outweighs the benefit. I analyzed the biometric data in detail. Cardiac synchronization 0.87 – anomalous for a pair without prolonged physical contact. Anchor Object temperature past the emergency threshold for both: +10.1°C (Diletta), +5.5°C (Taro). Oxytocin spike in Diletta during non-protocol spiral contact. Audio compromised for 8 minutes – not from technical interference, but from emotional content that couldn’t be verbalized.

The dynamic is clear. Diletta and Taro entered the Contact Greenhouse with a latent emotional tension. Perhaps unconscious, certainly undeclared in pre-mission screening. The Greenhouse – amplified by the 30% Shame contamination – brought this tension to a critical temperature. Diletta temporarily lost control (unauthorized spiral contact, breathing-protocol violation). Taro maintained enough clarity for psychological extraction, but had to sacrifice his own emotional balance to stabilize Diletta.

Two structural weak points.

First: inadequate psychological screening. Neither of them declared the existence of mutual emotional tension. This can mean: (a) they didn’t recognize it, (b) they actively denied it, (c) they didn’t consider it operationally relevant. In all three cases, it represents a gap in the protocol. We need to be able to detect latent emotional dynamics *before* a Domain uses them against us.

Second: loss of Anchor Objects. Both had to abandon objects of high emotional value (Diletta’s pen, Taro’s grandmother’s knife/handkerchief). Protocol requires abandonment, but doesn’t adequately provide for post-loss support. Diletta shows persistent phantom symptoms (palm pain, sensation of the pen’s weight). This was foreseeable and should have been mitigated.

Assessment of the pair: Taro handled the emergency with exceptional competence. He recognized the contamination, maintained appropriate emotional distance, verbalized his own vulnerability without shame. This allowed Diletta to regain control. Without Taro’s intervention, the outcome would have been catastrophic (mission abandonment, consummation of desire, possible loss of both participants to the Greenhouse).

Diletta violated protocol but in a non-culpable state (EXTREME contamination). She showed recovery capacity when supported. Vulnerability to Desire confirmed higher than the initial assessment.

Immediate recommendations: Operational separation of the pair, 180 days minimum. Mandatory psychological support. Reassessment of pre-mission screening. Implementa-

tion of an Anchor-loss management protocol. Reclassification of the Contact Greenhouse east sector as an **EXTREME** zone.

The Contact Greenhouse does not lie. It reveals. And when it reveals too much, too fast, it destroys. We need to be more honest with ourselves before going in. Otherwise the Greenhouse will teach us honesty in the most painful way possible.”

**Signed:** H. Balthazar, Operations Coordinator

**L4.2 · Participant statements****Diletta (CC#2) – written statement, 96h post-mission**

“I don’t know where to start. Maybe with the pen. I can still feel its weight. The cold metal against my palm. But when I open my hand it’s empty. Helena says it’s normal, phantom symptom, it’ll pass. But it’s been four days and it still burns.

The Greenhouse... didn’t create anything. I know that. I know it rationally. But when I was there, when I touched that spiral, it was so *real*. Not like an illusion. Like something that had always been there, underneath, and I could finally see it. Feel it. Touch it.

Taro. I don’t know what to say about Taro. He saved me. Literally. If he hadn’t pulled me away from that spiral, I’d still be there. Or worse. But now I can’t look at him. Every time I try I see the Greenhouse. The plants. The reflections. His voice saying ‘breathe with me.’ And I feel it all again.

Helena says we can’t work together for six months. I understand it. I hate it, but I understand it. Taro is... Taro is the most solid person I know. And I almost ruined everything for something the Greenhouse wanted me to believe.

The problem is I’m not sure it was only the Greenhouse.

I’ve started writing again. Compulsively. Three, four hours a day. I use a pencil now. I can’t use pens. Just looking at them makes my hands hurt. I keep writing the same thing: ‘The pen is gone.’ As if writing it enough times could make me stop feeling it.

I’ve dreamed of the Greenhouse twice. Strange dreams. I was there but alone. And the spiral was talking. It said: ‘What you want is already yours, you just have to take it.’ I woke up crying. I don’t know why.

Taro texted me once. A short message. ‘How are you.’ I didn’t answer. I don’t know what to tell him. ‘I’m fine but I can still feel your skin under my fingers even though I never touched you?’ No. Silence is better.

The next mission will be with Rin. Non-Desire zones. Helena insisted. Fine. Rin doesn’t talk, doesn’t touch, doesn’t ask. Perfect. I need someone who doesn’t make me feel anything.

But I know that’s a lie. The Greenhouse didn’t make me feel anything new. It just amplified something that was already there. And now that I know it, I can’t ignore it anymore. But I can’t face it either.

So I write. And I wait. And I hope six months is enough to forget how that spiral burned. How his hands burned on my shoulders. How this damn phantom pen still burns.”

*Behavioral note: Diletta submitted a written statement, declined a verbal one. Compulsive writing confirmed (12 pages). Eye-contact avoidance during submission. Mild persistent hand tremor.*

## Taro (CC#4) – verbal statement, 96h post-mission

“The Greenhouse was hard. But not for the reasons I expected.

I knew it amplifies desire. Helena had told me. But I didn’t expect it to be so... clear. Like someone switched on a light and suddenly you see something that had always been there but in the shadow.

Diletta. Yes. I felt it. That desire. To touch her, to be close, to... [11s pause] ...but I knew it wasn’t mine. Or rather: it wasn’t *all* mine. The Greenhouse took something small and made it huge. Like putting a drop of water under a microscope.

When she touched the spiral, I saw what was happening. Her eyes. The way she looked at me. It wasn’t her. It was her *plus* the Greenhouse. And if I’d let it happen – what the Greenhouse wanted – we’d have ruined everything. Not just the mission. Us.

I pulled her away. My hands on her shoulders. And I felt all of it. The warmth, the trembling, the desire answering mine. But I thought of my grandmother. What she used to say: ‘Good things take time. The ones that are too fast are already rotten.’

The Greenhouse wanted it to be fast. Inevitable. But me and Diletta... [8s pause] ...if there’s something between us, it has to happen outside. In the real world. Not in a place that manipulates us.

The knife. Yeah, I miss it. It was the last piece of my grandmother. But she didn’t come back when she died, and neither did the knife. I’m used to things staying behind. The Greenhouse’s roots took it the way you take an offering. That’s fine. It was time.

Diletta isn’t talking to me. I understand. She’s probably ashamed. Or scared. Or both. Helena says six months without working together. That’s fine too. But it’s a shame. Because Diletta is... [13s pause] ...she’s the person who writes better than anyone I know. And now she doesn’t write with the pen anymore. She uses the pencil. I saw her the other day at the lab. Her hands were shaking.

I don’t know if what I felt in the Greenhouse was real. Maybe a bit yes. Maybe a bit no. But I know I don’t want to find out that way. I don’t want our ‘maybe’ to be born in a place that lies for a living.

So I wait. And if Diletta wants to talk, I’m here. And if she doesn’t, that’s fine too. Some things can’t be forced. Not even – especially – when the Greenhouse tells you that you should.

I bought a new knife. It’s not the same. It doesn’t smell of my grandmother. But it’s fine for cutting bread. And sometimes that’s enough.”

*Behavioral note: Taro remained calm during the statement. Long pauses before emotional responses. No eye-contact avoidance. Stable voice tone. Healthy processing confirmed.*

### L4.3 · Protocol amendments

Following the events of MDES-008, the following amendments are recommended:

1. **Advanced Pre-Mission Emotional Dynamics Screening for Desire:** Implement a mandatory detailed questionnaire before every operational-pair mission in the Desire Domain. Questions: “Is there unresolved emotional/physical tension with your mission partner?” / “Situations in which prolonged physical contact with your partner would cause discomfort or desire?” / “Fantasies, intrusive thoughts, or recurring dreams involving your partner?” / “Past relational history with your partner (even non-romantic)?” / “Comfort level with mutual emotional vulnerability?”. Confidential answers, analyzed only by Helena. If combined positivity is >35%, mandatory pair rotation. If 20–35%, extended briefing + intensified monitoring. Goal: identify latent tensions *before* a Domain can amplify them.
2. **Anchor Object Loss Management Protocol:** Current protocol inadequate for post-loss support. Proposal: (a) pre-mission briefing specific to the meaning of abandonment and expected phantom symptoms, (b) selection of a backup Anchor (secondary object, lower attachment) before every high-risk mission, (c) mandatory psychological support 48h post-loss, (d) phantom-symptom monitoring for 30 days (pain, thermal sensations, compensatory behaviors), (e) guided selection of a new Anchor (do not replace immediately, process the grief first), (f) optional farewell ritual (letter to the object, symbolic ceremony). Goal: reduce loss trauma, ease processing, prevent object dependency.
3. **Mutual Emotional Contamination Emergency Protocol:** When two participants show amplified mutual desire in a high emotional-intensity Domain: (a) immediate recognition of signals (cardiac synchronization >0.80, interpersonal distance reduced to <0.5m, physical contact not required, non-protocol emotional verbalizations, Anchor temperature >+5°C), (b) mandatory verbalization of the contamination by whoever retains clarity (“This is the Domain, not us”), (c) temporary physical separation for 2–5 minutes, (d) if no improvement: immediate mission abort with no penalty, (e) separate quarantine, 48h minimum, (f) individual debriefing within 24h, (g) assessment of future pair compatibility by Helena + outside support, (h) the possibility of an external personal relationship is NOT a failure but an operational incompatibility (the pair permanently excluded from joint missions due to emotional conflict of interest). This is not a moral failure. It is protection of psychological health and operational integrity.
4. **Hybrid Contaminated Zone Risk Reclassification:** Zones with >25% contamination from a secondary Domain must be treated as complex hybrids, not as a primary Domain with ‘shades.’ Synergistic effects are not additive but multiplicative. Desire + Shame creates emotional paralysis and amplified internal conflict, not simply ‘desire with guilt.’ Proposal: (a) separate classification for hybrid zones, (b) extended briefing on specific combined effects, (c) increased biometric monitoring (every 60s vs standard 90s), (d) permanence limit reduced –20% relative to a pure zone, (e) increased experience

requirements (minimum 8 missions vs standard 5). Goal: recognize the real complexity of multiple contaminations.

5. **Extended Post-Contamination Support for Emotionally Complex Events:** Standard 96h inadequate for deep emotional contaminations with Anchor compromise  $>+7^{\circ}\text{C}$  or oxytocin/cortisol spikes. Proposal: 168h (7 days) monitoring + 30-day follow-up for critical events. Includes: twice-weekly check-ins with Helena, 24/7 access to outside psychological support, validation of emotions (“What you felt was real, even if amplified – you are not responsible for the contamination”), a plan for managing chance encounters between involved participants (lab routes, mission scheduling), space for creative expression of symptoms (writing, art, movement). Goal: prevent trauma from becoming chronic, ease processing, reduce post-contamination shame.

#### L4.4 · Zone risk classification

| Contact Greenhouse (East Sector) |                                                                                                                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Risk Level                       | <b>EXTREME</b>                                                                                                                                                                                          |
| Shame Contamination              | 30% (stable)                                                                                                                                                                                            |
| Recommendation                   | Access suspended for 180 days. Reassessment after implementation of new screening and emergency-management protocols.                                                                                   |
| When reopened                    | Only to operational pairs with >12 missions' experience, zero declared and verified emotional tension, confirmed compatibility in non-critical zones, permanence limit 30 minutes (vs previous 45 min). |

##### Access FORBIDDEN to:

- Pairs with a personal history (close friendship, past attraction, unresolved conflicts)
- Individuals with unmet physical-contact need or high emotional vulnerability
- Collectors with prior emotional dependencies or insecure attachment
- Anyone showing declared or latent attraction toward their mission partner
- Participants with a recent (<90 days) Anchor Object loss

##### Monitoring when authorized:

- Biometrics every 45s (vs standard 90s)
- Anchor temperature every 60s
- Automatic alert if: cardiac synchronization >0.75, distance <0.6m for >10s, physical contact >2s, verbalization of desire, Anchor temperature >+4°C
- Immediate abort if 2+ alerts within 5 minutes, no exceptions
- Mandatory debriefing within 6h (vs standard 24h)

**Note:** The Contact Greenhouse east sector is not dangerous out of malice. It is dangerous out of *honesty*. It reveals desires that participants deny to themselves. It amplifies emotional tensions that stay below the surface in everyday life. This makes it an extremely high psychological-risk zone for anyone who isn't completely honest about their own relational dynamics. The Greenhouse does not lie. We do. And it reminds us of that in the most painful way possible.

**Final recommendation:** Assess whether the Contact Greenhouse east sector justifies the risk. Recoverable spirals (<1,000 EUR) are not worth the emotional cost documented in MDES-008. Consider permanent closure of the zone or limiting it to Alpha collections (>3,000 EUR) with experienced teams (>20 missions).

## Glossary — Onirika Archive Terms

|                             |                                                                                                                           |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>Domain</b>               | Interdimensional region organized around a primary emotion (Fear, Desire, Memory, Shame, Stabulation).                    |
| <b>Zone</b>                 | Geographical area within a Domain, with its own specific emotional mechanism.                                             |
| <b>Cell</b>                 | Smallest unit of mapped territory within a Zone; the Archive's unit of cataloguing.                                       |
| <b>Spiral</b>               | Oneiric anomaly/phenomenon collected on a mission: unstable materialization of emotional charge.                          |
| <b>Compatible Body (CC)</b> | Person able to cross the Domains without dissolving; the Archive's operational personnel.                                 |
| <b>Anchor Object</b>        | Personal object carried on a mission to preserve the link to reality; its loss has real consequences.                     |
| <b>Contamination</b>        | Presence of a second Domain, as a percentage, inside an otherwise pure Zone: complicates the base emotional mechanism.    |
| <b>Portal</b>               | Crossing point between the real world and a Domain.                                                                       |
| <b>Mission</b>              | Operational crossing with a declared objective (collection, exploration, interview) and an associated documentary report. |

**END OF DOCUMENTATION**

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### Onirika Central Archive

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