Northstar evidence pack - sighting-witness/1

Evidence pack: sky-pack.json
Format: northstar-evidence-pack/1
Ruleset: sighting-witness/1 (version 0.1.1)
Subject: site SIM-T1 (SIMULATED LNG export terminal), 3 report(s) 2026-03-02T21:30:00Z to 2026-03-02T22:43:00Z - SIMULATED DATA
Sealed by (Ed25519): 5387589f06cc42f977ab9f878166ff4516d92429940d307a6b09c0dff702b01a (compare the fingerprint out of band)
Seal checked when this PDF was made: VERIFIED
Result: exceptions - 3 report(s): 1 explained, 0 possibly explained, 2 not explained (follow up), 0 cannot confirm (no direction)
Licence: EVALUATION COPY - NOT FOR RELIANCE
Documents attached: 4 of 4 match the hashes in the pack
To check: drop this PDF into the Northstar file checker (northstar-verify).
These pages are for reading. The attached pack is what is verified. SIMULATED DATA.

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Each sighting report listed was compared with catalogued bright celestial bodies and with the supplied
    aircraft, satellite and vessel records under ruleset sighting-witness/1

Result: 3 report(s): 1 explained, 0 possibly explained, 2 not explained (follow up), 0 cannot confirm
    (no direction)

What this pack does not establish:
  - A report marked consistent with a known object is a likelihood, not proof: it does not show that no
    drone was present.
  - A report marked NOT EXPLAINED is not evidence that a drone was present; it means no catalogued
    object, supplied aircraft or supplied satellite matched within the tolerance.
  - Only the supplied ADS-B, satellite element and AIS records were compared: aircraft without ADS-B,
    satellites missing from the element sets and vessels without AIS cannot match or be listed.
  - Satellite positions come from a simplified propagator (not SGP4); element sets more than 3 days
    from the report are not used.
  - Vessels listed as nearby were present within the radius in the window. No link between any vessel
    and any sighting is established by this file.
  - Times and directions are as the observers reported them; their accuracy limits every result.

Intended users: the site's security function, the police district receiving the reports, and parties
    they share this file with
Reliance: Supports triage and follow-up of sighting reports. It does not decide whether a drone was
    present.
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