CHARTER

Mother blueprint · the core of an organisation, its root at the governance level, with the gateway and the stop.

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49G Ltd.
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Charter

Mother blueprint · the core of an organisation, its root at the governance level, with the gateway and the stop.

Release: Library · version v0.1.3, pinned by commit; no tag · status DRAFT, fixed test NOT_RUN: not yet run
Source: 49g-holding/49GAION-charter · blueprint/CH-BLUEPRINT.md @ bbfff83
Precedence: 4 · Library part, DRAFT, NOT_RUN
Built: 31 October 2026 · by 49AIOC-OCO, from the Markdown at that commit; no word changed

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```
# ── Blueprint metadata (machine-readable; the panel generator and the back-office
builder read this block) ──

blueprint:

  aioc: "[ORG]AIOC-CH"

  parent: "none"                          # the root: only the Charter has parent n
one (Standard §1.7, item 13)

  full_name: "Charter"

  organisation: "<organisation>"          # filled in each organisation's own copy

  type: "foundational"

  org_aion: "[ORG]AION"

  blueprint_version: "v0.1.3"

  status: "draft"

  template:

    name: "49GAION AIOC Blueprint Template"

    version: "v1.6.0"

    source: "github.com/49g-holding/49GAION-aioc, template/AIOC-BLUEPRINT-TEMPLATE.
md @ acdcbe5"

  mother:

    name: "49GAION Charter"

    version: "part card v1 (DRAFT)"

    source: "github.com/49g-holding/49GAION-protocol, library/cards/charter.part-ca
rd.json and the Protocol section The Charter (§23); Standard §1.7, item 13, and §3.
1, item 15. This text is its mother blueprint, in its mother repository github.com/
49g-holding/49GAION-charter"

  writing_repository: "<org>aioc-ch"

  code_project: "<org>aioc-ch, on the organisation's code platform"

  panel_register_id: "none yet"

  capabilities:

    standard: ["Chief of Staff", "Office", "Input socket", "Panel"]

    functional: ["Installation and Change", "Tool Gateway", "Human Surface", "Regis
try and Numbering", "Event Store and Projections", "Daily Check", "Restricted Parti
tion", "Shared Queue and Watchdog", "Routing and Wake"]
```

Blueprint · [ORG]AIOC-CH · Charter · v0.1.3

Draft, 19 October 2026. v0.1.1, the same day: the readings of 49GAION/DR-0030 close four exceptions of §11 (decisions/DR-0002). This is the mother blueprint of the Library part 49GAION Charter, for any organisation (49GAION/DR-0029; decisions/DR-0001). It is the part's first blueprint: no instance runs yet, and nothing here has run. Every fixed test reads NOT_RUN, by policy: the map is written first. Every rule rests on a 49GAION text, cited by section, or is new in this blueprint and marked **New**. Each organisation fills its own copy (§0, §2.1), and its values never come back here.

The Charter in one page

The Charter is the root of every [ORG]AION. It is the one AIOC with no parent, and every other part is installed under it (Standard §1.7, item 13). It holds the governing seat and the shared services every other part relies on. Top management sits in the Top Management Group, the first AIOC under it.

What it holds

- **The governing seat**, the Cell carrying [ORG]HOAC-GOV, with its Office where the organisation forms one (§4.1). **Top management**, the Cell carrying [ORG]HOAC-TM, is not held here: it sits in the Top Management Group, the first AIOC under the Charter (the complete definition, §19).
- **The Gateway Pod.** The tool gateway: every tool and engine call of every part passes through it. It checks every listed decision type against the signature list, binds each engine from its register, logs every call and fails closed. It serves the live sign-in behind every human port. A stop is never blocked.
- **The Records Pod.** One registry of record types, one numbering service, one event store that serves every part's record home, the projections rebuilt from the events with a daily check, and the restricted partition.
- **The Work Pod.** One shared queue for every Work Item of every part, with its watchdog; the routing data, which the Operating Core Office keeps; and wake.

One of each. An [ORG]AION has one gateway, one numbering service and one shared queue. No other part keeps its own; each part writes only its own records and its own Work Items.

Who decides. The governing seat installs the Charter and signs every change to it; the Operating Core Office prepares it and never changes it alone. Gateway policy changes only under the signatures of both top management and the governing seat. No AI holds the keys: no AI Cell writes the gateway's policy, keys or log, the registry or a number stream. The Charter's AI Cells watch, route and raise; they decide nothing.

Never blocking the accountability path. A stop, a revocation and a raise to a human take effect at the gateway at once, and never wait on the Records or Work Pod.

Where this blueprint stands. The part is named in the Standard (§1.7, item 13; §3.1, item 15) and in its Protocol section (§23). This blueprint states what the root AIOC is. Its code and its runtime are not built. The decisions only a human seat can take are listed once, in §13.

Reading (49GAION DR-0041). The complete definition of 49GAION, approved by its governing seat on 25 October 2026, is 49GAION-FRAMEWORK.md in github.com/49g-holding/49GAION. Where this repository differs from it, the definition governs, and this text is read with it. This part is what an organisation's core is made from: the root, at the governance level, holding the governance seat, the organisation's own rules, the governance panel, the gateway and the stop. The Top Management position sits in the Top Management Group, the first AIOC under the core, which is the hub of the operation, human and AI. The readings are in decisions/DR-0003. Nothing here is removed.

Reading (49GAION DR-0041; decisions/DR-0004). The Records and Work Pods are shared services that run as code, like the gateway: holding them is not running the operation, and every record and Work Item stays with the unit that owns it.

Reading (49GAION DR-0042; decisions/DR-0005). The gateway and the stop run as code beside the core, outside the reach of every AI, the core's own included; the core's own stop is held by the governance seat. Changes to them count as loosening, and fresh keys are issued at the handover. The live sign-in, the governance seat's own conflict of interest, the authority ceiling and the Chief of Staff are read as decisions/DR-0005 sets.



Section 00

Identity and lineage

Charter

Field	Value
Code	[ORG]AIOC-CH, the example code the Library already uses for the Charter (49GAION-protocol: library/cards/org-aion-top-management.unit-card.json and the reference organisations, tests/cards/ and tests/orgs/). Collision check (Naming Standard §5): it does not recreate AIOC, AION or 49GAION, is not a retired code and does not read as a version suffix or a misleading acronym. Each organisation checks it against its own unit register before first use (§17)
Full name	Charter
Description	"[ORG]AIOC-CH is <organisation>'s Charter, the root of its [ORG]AION, built from 49GAION Charter"
Kind	AIOC
Parent	none: the root (Standard §1.7, item 13)
Inner units	[ORG]CELL-GOV, [ORG]CELL-COSCH, [ORG]POD-CG, [ORG]POD-CR, [ORG]POD-CW: three Pods with their six Cells, and two Cells directly under the AIOC (§17). No inner AIOC
Top Cell	[ORG]CELL-GOV, the Cell carrying [ORG]HOAC-GOV. It is the only Cell with no accountable_to; its authority comes from the organisation's constituting documents (Standard §1.7, item 13)
Accountable to	[ORG]CELL-GOV. The Charter is the one AIOC accountable to a Cell inside it (§11)
HOAC label	[ORG]HOAC-GOV, held by its top Cell [ORG]CELL-GOV (label_holder, Standard §4.1, item 10; a Charter carrying the GOV label, as Standard §5.1, item 7 reads)
Type	Foundational: every other part is installed under it and runs through its shared services (§16)
[ORG]AION	[ORG]AION, based on 49GAION Standard v1.6.0, with the unreleased v1.7.0 texts of DR-0028 and DR-0029
Versioned Definition	this file; the Panel and the Back office are built from it
Organisation	<organisation>

Charter

Field	Value
Made from	the Library part 49GAION Charter, part card v1 (DRAFT), and Protocol §23
Template	49GAION AIOC Blueprint Template v1.6.0 at acdcbe5
Mother	49GAION Charter, part card v1. This text is its mother blueprint, held in the part's mother repository github.com/49g-holding/49GAION-charter and pinned in the Library register (49GAION/DR-0024, DR-0029)
Blueprint version and status	v0.1.3 · draft
Human seats	two HOAC positions: the governing seat ([ORG]HOAC-GOV) and the Gateway Keeper ([ORG]HOAC-ACS). Top management ([ORG]HOAC-TM) sits in the Top Management Group, outside the Charter; the Charter names it where top management signs, owns a test, receives a raise or is accountable for a Charter Cell. Who holds them, and how, is the organisation's own mechanism, outside the system; this AIOC never sees it (Standard §1.1, item 9)
Writing repository	<org>aioc-ch, private where it holds the organisation's data. Its companions -records and -records-restricted hold the Charter's own run records (Naming Standard R9). The shared stores of the Records Pod live in the runtime, never in a repository (§7)
Code project	<org>aioc-ch, on the organisation's code platform: the gateway, the registry, the numbering service, the event store, the queue and their tests
Panel	not yet built (§4.4)
Back office	not yet built
Attribution	Powered by 49GAION

Lineage. The Standard has made the Charter the root of every [ORG]AION since v1.5.0 (DR-0007), and has held the tool gateway in it. The Protocol set the rules of the shared services: the gateway (§4.9), the records home, the registry and the numbering service (§14), and the Work Item queue, routing and

wake (§4, §6, §7). None of these had a Library part, so none had a card, a fixed test or a blueprint, and every other part relied on something undefined. The Operating Core Office proposed one part with three Pods on 18 October 2026, and the governing seat of 49GAION approved it (49GAION/DR-0029).



Section 01

Card (49GAION Operating Protocol §3)

```
card:
  unit_kind: "AIOC"
  code: "[ORG]AIOC-CH"
  parent: "none"                          # the root (Standard §1.7, item 13)
  inner_units: ["[ORG]CELL-GOV", "[ORG]CELL-COSCH", "[ORG]POD-CG", "[ORG]POD-CR", "
[ORG]POD-CW"]
  type: "foundational"
  org_aion: "[ORG]AION"
  card_version: "v0.1.3"
  input_door: "Chief of Staff"
  wake: { method: "queue", verified: false }
  receives:
    - kind: "signature"                   # of the Cells carrying [ORG]HOAC-GOV and
 [ORG]HOAC-TM, and of every labelled human Cell, at the gateway
      format: "signature record (Protocol §4.10, item 9): decision type, target cod
e, payload hash, signer's Cell code and identity reference, executor's Cell code, W
ork Item ID, nonce, issue and expiry times, live sign-in evidence"
      acceptance_test: "TEST-CH v1, cases 1, 3, 15, 16"
      decision_needed: false
    - kind: "tool call"                   # every tool and engine call of every par
t
      format: "gateway request: caller's Cell code, decision type where listed, pay
load hash"
      acceptance_test: "TEST-CH v1, cases 3, 17, 18, 19"
      decision_needed: false
    - kind: "record write"                # every event of every part's record home
      format: "event with its time-sortable ID (its idempotency key), the writer's
Cell code and the expected revision (Protocol §14, item 1)"
      acceptance_test: "TEST-CH v1, cases 4, 22, 24"
      decision_needed: false
    - kind: "number request"
      format: "request naming its record type and, where the type is kept per entit
y, the entity; its request ID"
      acceptance_test: "TEST-CH v1, cases 4, 23"
      decision_needed: false
```

```
    - kind: "Work Item"                  # of every part
      format: "Work Item (Protocol §4.1; spec/schemas/work-item.schema.json), writt
en by its one owner"
      acceptance_test: "TEST-CH v1, cases 5, 28, 29"
      decision_needed: false
    - kind: "installation package"       # a part to be installed under the Charte
r
      format: "the part's card, its record types for the registry, its routing rows
 and its joining test result, prepared by [ORG]AIOC-OCO; signed as create-or-instal
l-unit"
      acceptance_test: "TEST-CH v1, cases 1, 6, 13, 14"
      decision_needed: true              # create-or-install-unit, signed at the g
ateway by the Cell the Standard names
    - kind: "engine register entry"      # from Engine Room, or from top managemen
t where none is installed
      format: "engine entry: family, version, confidentiality ceiling, retention an
d use terms, the seats it may serve (49GAION/DR-0020); signed under change-gateway-
policy"
      acceptance_test: "TEST-CH v1, cases 10, 19"
      decision_needed: true
  delivers:
    - kind: "call decision"
      format: "allowed, refused or held, with its reason; the engine bound and the
engine that served"
      usual_receivers: ["the calling Cell", "the gateway log"]
    - kind: "number"
      format: "a readable number from its stream, idempotent on the request ID"
      usual_receivers: ["the requesting part"]
    - kind: "projection"
      format: "a register, board or number rebuilt from the events, with the versio
n of its logic (Protocol §14, item 2)"
      usual_receivers: ["the part that owns the records", "the Panels"]
    - kind: "daily check finding"
      format: "a projection that differs from a rebuild, a number gap or duplicate,
 an act not attributed, a figure that does not trace (Protocol §14, item 5)"
      usual_receivers: ["the part concerned and its accountable seat, as a Work Ite
m"]
```

```
    - kind: "routed Work Item"
      format: "the Work Item, routed to the part its routing row names after the re
ceivability check (Protocol §6)"
      usual_receivers: ["the receiving part's Chief of Staff"]
    - kind: "watchdog raise"
      format: "an item past its waiting time, raised as Protocol §4.6 sets"
      usual_receivers: ["the owner's accountable seat"]
    - kind: "raise to a human"
      format: "an action the gateway cannot classify (HF-09), a held listed type, a
 refused write to the keys or the streams; in one line, with its evidence"
      usual_receivers: ["the Gateway Keeper", "the Cell carrying [ORG]HOAC-TM"]
    - kind: "wake signal"
      format: "queue event for a part's runtime (Protocol §7)"
      usual_receivers: ["each part's runtime"]
  anatomy:
    panel: { health: { tests: true, metrics: ["stuck", "returned", "late", "calls a
llowed, refused and held", "unclassified actions raised", "listed types held", "eng
ines bound and served", "numbers issued", "stream gaps and duplicates", "rebuild di
fferences", "acts not attributed", "Work Items by status", "items past their waitin
g time", "items refused at routing", "parts awake"] } }
    back_office: { converses_with_humans: true, hosts: ["Chief of Staff", "Office"]
, protocol_traffic: true }
    definition: { location: "<org>aioc-ch, blueprint/CH-BLUEPRINT.md", version: "v0
.1.3" }
    delivery: { rollback: "one-click" }
    connectors:
      - { role: "the organisation's vault", connector: "the gateway's key store", a
ccess_managed_in: "panel" }   # keys are used only under signatures; no AI Cell hol
ds one
      - { role: "the organisation's sign-in", connector: "the live sign-in behind e
very HU port", access_managed_in: "panel" }
    gateway: { metering_id: "<per-AIOC metering id>" }
  full_name: "Charter"
  version: "0.1.3"
  lineage: { id: "[ORG]AIOC-CH", version: "0.1.2", relation: "original" }
  lifecycle_state: "designed"
```

```
  blueprint_version: "v0.1.3"
  template_version: "v1.6.0"
  accountable_to: "[ORG]CELL-GOV"         # the root's own top Cell (§11)
  top_cell: "[ORG]CELL-GOV"
  hoac: "[ORG]HOAC-GOV"
  label_holder: "[ORG]CELL-GOV"
  fixed_test: { id: "TEST-CH", version: "v1", owner: "[ORG]CELL-GOV" }   # the seat
 that carries its accountability (Standard §3.2, item 9)
  skills:
    - { id: "ch-install", name: "Installation of the root and of every part under i
t, on the governing seat's signature", tags: ["root"] }
    - { id: "ch-gateway", name: "The tool gateway: calls, signatures, engines, log,
 the stop", tags: ["gateway"] }
    - { id: "ch-records", name: "The registry, the numbering service, the event sto
re, projections and the daily check", tags: ["records"] }
    - { id: "ch-work", name: "The shared queue, the watchdog, routing and wake", ta
gs: ["work"] }
  ports:
    - { unit: "[ORG]AIOC-CH", port: "ai-in", direction: "input", type: "AI", identi
fication: "technical-key", accepted_content: ["tool call", "record write", "number
request", "Work Item", "engine register entry"], authority_limit: "every part, each
 within its own scope; a part writes only its own records and Work Items", audit_tr
ail: "the gateway log and the event store", required_tests: ["TEST-CH v1"], enforce
ment: "shared-gateway-outside-unit" }
    - { unit: "[ORG]AIOC-CH", port: "ai-out", direction: "output", type: "AI", iden
tification: "technical-key", accepted_content: ["call decision", "number", "project
ion", "daily check finding", "routed Work Item", "watchdog raise", "wake signal"],
authority_limit: "decisions of the gateway's policy only; never an order on what wo
rk is done", audit_trail: "the gateway log and the event store", required_tests: ["
TEST-CH v1"], enforcement: "shared-gateway-outside-unit" }
    - { unit: "[ORG]AIOC-CH", port: "hu-in", direction: "input", type: "HU", identi
fication: "live-human-sign-in-at-gateway", accepted_content: ["signature", "install
ation package, for signature", "direction from the governing seat or top management
"], authority_limit: "the signer's authority_scope; nothing received here is a sour
ce", audit_trail: "the gateway log", required_tests: ["TEST-CH v1"], enforcement: "
shared-gateway-outside-unit" }
    - { unit: "[ORG]AIOC-CH", port: "hu-out", direction: "output", type: "HU", iden
tification: "live-human-sign-in-at-gateway", accepted_content: ["raise to a human",
 "signature prompt", "brief to top management"], authority_limit: "information and
signature prompts only", audit_trail: "the gateway log", required_tests: ["TEST-CH
v1"], enforcement: "shared-gateway-outside-unit" }
```

```
    - { unit: "[ORG]AIOC-CH", port: "stop", direction: "input", type: "HU", identif
ication: "live-human-sign-in-at-gateway", accepted_content: ["stop"], authority_lim
it: "stop only; the Charter as a whole is stopped only by the Cell carrying [ORG]HO
AC-GOV (Standard §4.3, item 2); its Pods and Cells by the seats above them. The sto
p doors of every other part are served by the Human Surface (§5.3)", audit_trail: "
the gateway log and the unit register", required_tests: ["TEST-CH v1"], enforcement
: "shared-gateway-outside-unit", stop_door: true }

  configuration:                          # every slot is set by the organisation (
§15); an empty slot fails the joining test

    office_accountable_human: { value: "<set by the organisation>", set_by: "<posit
ion>", date: "<date>", version: "<vN>" }

    central_head: { value: "<code of [ORG]AIOC-OCO>", set_by: "<position>", date: "
<date>", version: "<vN>" }

    discussion_limits: { value: "<set by the organisation>", set_by: "<position>",
date: "<date>", version: "<vN>" }

    waiting_deadlines: { value: "<per status>", set_by: "<Cell carrying [ORG]HOAC-T
M>", date: "<date>", version: "<vN>" }

    bounce_limit: { value: "<number>", set_by: "<position>", date: "<date>", versio
n: "<vN>" }

    chain_depth: { value: "<number, at least 1>", set_by: "<position>", date: "<dat
e>", version: "<vN>" }

    halt_request_priority: { value: "immediate", set_by: "<position>", date: "<date
>", version: "<vN>" }

    budget_cap: { value: "<amount per period>", set_by: "<Cell carrying [ORG]HOAC-T
M>", date: "<date>", version: "<vN>" }

    unattended_action: "read-record-triage"

    entities: { value: "<the organisation's legal entities, each with its own numbe
r streams where a type is kept per entity>", set_by: "<Cell carrying [ORG]HOAC-GOV>
", date: "<date>", version: "<vN>" }

    floor_bindings: { value: "<for each Human Floor item HF-01 to HF-19, the filled
 human Cell bound to it (delivery test D-2); an item the Standard binds to the seat
 of a step, a test or an AIOC binds there first>", set_by: "<Cell carrying [ORG]HOA
C-GOV>", date: "<date>", version: "<vN>" }

    signature_list: { value: "<the hash of the signature list loaded: the Standard'
s at its latest released tag, plus the organisation's own additions>", set_by: "<Ce
ll carrying [ORG]HOAC-GOV> for the additions (change-org-standard-or-signature-list
); loaded at the gateway by the Cells carrying [ORG]HOAC-TM and [ORG]HOAC-GOV (chan
ge-gateway-policy)", date: "<date>", version: "<vN>" }

    gateway_policy: { value: "<version of the gateway policy and its map from calls
 to decision types>", set_by: "<Cells carrying [ORG]HOAC-TM and [ORG]HOAC-GOV> (cha
nge-gateway-policy)", date: "<date>", version: "<vN>" }
```

```
    restricted_readers: { value: "<the positions that may read the restricted parti
tion, by record type>", set_by: "<Cell carrying [ORG]HOAC-GOV>", date: "<date>", ve
rsion: "<vN>" }

    retention_schedule: { value: "<per record type and entity, for the gateway log
and the event store>", set_by: "<Cell carrying [ORG]HOAC-GOV>", date: "<date>", ver
sion: "<vN>" }

    engine_register: { value: "<version of the engine register>", set_by: "<Cells c
arrying [ORG]HOAC-TM and [ORG]HOAC-GOV> (change-gateway-policy)", date: "<date>", v
ersion: "<vN>" }

    root_key_signers: { value: "<M of N human signers for each use of a root key>",
 set_by: "<Cell carrying [ORG]HOAC-GOV>", date: "<date>", version: "<vN>" }

    audit_line: { value: "<position code of the internal-audit line (HF-19)>", set_
by: "<Cell carrying [ORG]HOAC-GOV>", date: "<date>", version: "<vN>" }

    data_protection_position: { value: "<position code (HF-17)>", set_by: "<Cell ca
rrying [ORG]HOAC-TM>", date: "<date>", version: "<vN>" }

    raise_time: { value: "<time after which a hold or a refusal is raised>", set_by
: "<Cell carrying [ORG]HOAC-TM>", date: "<date>", version: "<vN>" }

    quiet_windows: { value: "<to be set>", set_by: "<Cell carrying [ORG]HOAC-TM>",
date: "<date>", version: "<vN>" }

    daily_check_time: { value: "<to be set>", set_by: "<Cell carrying [ORG]HOAC-TM>
", date: "<date>", version: "<vN>" }

    leased_block_size: { value: "<per stream>", set_by: "<Cell carrying [ORG]HOAC-T
M>", date: "<date>", version: "<vN>" }
```

Joining the protocol. The Charter is installed first, by the governing seat's signature, and joins on its own fixed samples (the joining test, Protocol §11, item 1; Standard §3.2, item 4). Its Pods start in the order Records, Gateway, Work (Protocol §23, item 8). No other part is installed before all three pass their cases of TEST-CH. The cards of its Pods and Cells are set in §17 and generated into cards/.



Section 02

Organisation table and placement

2.1 Organisation table

The blueprint writes [ORG] for the organisation's prefix, as central texts do (Naming Standard R13). Each organisation fills [ORG] in its own copy. Positions only; who holds each one is the organisation's own mechanism, outside the system (Standard §1.1, item 9).

Term in the blueprint	In <organisation>
[ORG]AION	<filled by the organisation>
The governing seat, the Cell carrying [ORG]HOAC-GOV	<code>; the cards use the example code [ORG]CELL-GOV. Its authority comes from the organisation's constituting documents
Top management, the Cell carrying [ORG]HOAC-TM	<code>, a Cell of the Top Management Group, outside the Charter; the cards use the example code [ORG]CELL-TMS
The Top Management Group	the organisation's own AIOC code; the first AIOC under the Charter (the complete definition, §19). Its name is plain English and takes no code of its own (Naming Standard, §3); this blueprint names it in words
[ORG]AIOC-OCO	<filled>, the Operating Core Office: it prepares the Charter and every installation under it, and keeps the routing data
The entities	<filled>: each legal entity of the organisation (entities, §15)
The organisation's vault	<filled>, the one home of every secret; the gateway's keys live there
The organisation's sign-in	<filled>, the sign-in behind every HU port
The internal-audit line (HF-19)	<position code>: it reviews the gateway log (Standard §4.4, item 11)
Engine Room	<code>, where installed (49GAION/DR-0026): it supplies the engines the gateway binds

2.2 Placement

- **Where it sits.** At the root. Every other AIOC of the [ORG]AION has a parent under it.
- **Its role.** It holds the organisation's governing seat and the services every part shares, so that there is one gateway, one numbering service and one shared queue. Top management sits in the Top Management Group, the first AIOC under it.
- **Scope.**
  - **It does:** hold the Cell that carries [ORG]HOAC-GOV; take the governing seat's signature for its own installation and change, and for each part's installation under it; run every tool and engine call through the gateway, checking signatures and binding engines; serve the live sign-in behind every human port; keep the registry, issue every readable number, store every part's events, rebuild projections and check them daily; hold the restricted partition; keep every Work Item in one queue, watch waiting times, route items and wake parts.
  - **It does not:** decide what work is done; give an order; sign for a seat; let an AI Cell write the gateway's policy, keys or log, the registry or a number stream; hold the content of any part's work beyond its records; record a person's activity; hold a secret outside the vault.
- **Boundaries with other parts.**

Part	The Charter does	It never
[ORG]AIOC-OCO (Standard §5.3)	receives from it every installation package and blueprint change, for the governing seat's signature; reads the routing data it keeps	lets it install, change or maintain the Charter or the gateway alone (Standard §1.7, item 13; §4.4, item 11)
The Top Management Group (the complete definition, §19)	takes the signatures of the Cell carrying [ORG]HOAC-TM at the gateway, under live sign-in, and sends that Cell the raises and briefs this blueprint names (decisions/DR-0003, item 4)	holds that Cell, or lets the Group install or change the Charter alone (Standard §1.7, item 13)

Part	The Charter does	It never
Every other AIOC	runs its calls, issues its numbers, stores its events, keeps its Work Items, wakes it	writes its records or Work Items for it, or steps into the content of its work
Engine Room (49GA ION/DR-0026)	binds the engines it supplies, from the engine register	lets it become a second path around the gateway
Operations Event Register (Protocol §22)	gives it the numbering service, the gateway log's hand-offs and segment roots, read only, and the queue's events	lets it gate, or puts the register on the accountability path
Source Lifecycle (Protocol §13)	stores its events and issues its numbers like any part's	holds or serves its sources
The internal-audit line (HF-19)	lets it read the gateway log, and the event store (**New**), directly, read only	lets itself be audited by its own Cells

- **Overlap.** None inside an [ORG]AION: no other part may hold a gateway, a numbering service or a queue (Protocol §23, item 6).



Section 03

Positions

Charter

Position (standard title)	Purpose	Reports to	Run today by	Cover
Governing seat (HOAC position)	the top of the organisation. It approves and installs the Charter, signs every change to it, signs with top management every change of gateway policy, binds each Human Floor item to a seat, and sets the entities, the retention schedule and who reads the restricted partition	none: its authority comes from the constituting documents	a HOAC position ([ORG]HOAC-GOV). Who holds it is the organisation's own mechanism, outside the system, within the constituting documents; this AIOC never sees it	the organisation's own mechanism, outside the system
Top management (HOAC position, outside the Charter)	the human hub. Its Cell sits in the Top Management Group, the first AIOC under the Charter; it is named here for what it does toward the Charter. It signs gateway policy with the governing seat; it owns the Charter's fixed test and the tests of its Pods; it receives every raise the Gateway Keeper cannot settle	the governing seat	a HOAC position ([ORG]HOAC-TM)	the organisation's own mechanism, outside the system

Charter

Position (standard title)	Purpose	Reports to	Run today by	Cover
Gateway Keeper (HOAC position)	**New.** The human seat of the Gateway Pod, and the [ORG]HOAC-ACS of the Charter's own Cells for HF-09. It receives the Gateway Watch's raises about the gateway itself: refusals, holds past their raise time, void calls; it is one of the human signers of each use of a root key (use-root-key, HF-15), by the governing seat's delegation and as many as that seat sets; it owns the test of the Gateway Watch. It never changes gateway policy, and never signs for another seat	top management	a HOAC position ([ORG]HOAC-ACS)	the organisation's own mechanism, outside the system
Chief of Staff	the Charter's voice to top management: it collates the raises of the three Pods, prepares signature packets and installation packages for the human seats, and briefs	top management	an agent ([ORG]CELL-COSCH)	none; raises are held, never closed
Gateway Watch	reads the gateway log and raises refusals, holds and unclassified actions to the Gateway Keeper	Gateway Keeper	an agent ([ORG]CELL-GW)	none; the gateway still gates, fails closed, and the Panel says the watch is down
Registry Steward	prepares, for each part's installation, the registry entries of its record types and the number streams they need, for signature	the Chief of Staff (accountable seat: top management)	an agent ([ORG]CELL-RS)	none; the installation waits

Position (standard title)	Purpose	Reports to	Run today by	Cover
Records Watch	reads the daily check and opens a defect Work Item for the part each finding concerns	the Chief of Staff (accountable seat: top management)	an agent ([ORG] CELL-RW)	none; the check still runs, and its result shows unknown, never pass
Queue Watch	runs the watchdog's sweep (code, no model) and reports what it repaired and what is still stuck (Protocol §4.6)	the Chief of Staff (accountable seat: top management)	an agent ([ORG] CELL-QW)	none; items keep their status, and the Panel says the watch is down
Work Router	runs the router's code step: routes each Work Item by the routing data, after the receivability check	the Chief of Staff (accountable seat: top management)	an agent ([ORG] CELL-WR)	none; items wait unrouted, and are shown

- **Every human position is a HOAC position.** The Charter has two: the governing seat and the Gateway Keeper. Top management, the third in this table, sits in the Top Management Group. No AI Cell ever holds one.
- **No natural person** (Standard §1.1, item 9). This blueprint deals with positions only.
- **No AI holds the keys** (Protocol §23, item 7). The gateway, the registry, the numbering service, the event store and the queue are code, run by the Charter's runtime. Code is a tool, never a seat. The AI Cells read, route and raise; no AI Cell has write rights to the gateway's policy, keys or log, to the registry or to a number stream.
- **No model in the path of a call, a number or a stop.** The gateway's decision, the issue of a number, the routing check and a stop are code. A model is used only by the Chief of Staff and the Watch Cells, to write a raise or a brief, within the budget cap.



Section 04

Standard capabilities

Defaults are in docs/STANDARD-CAPABILITIES.md of 49GAION-aioc at acdcbe5 (v1.6.0). The differences are listed in §11.

4.1 Office

Definition

Default · form: **single Chief of Staff** for the Charter. An Office forms only when top management needs more than one Chief of Staff for the Charter; it is proposed to top management, never self-created. A second Chief of Staff takes the code [ORG]CELL-COSCH2 (Naming Standard R16, item 3).

The Office of the governing seat (Standard §1.7, item 13; §5.2) is held in the Charter. Where the organisation forms one, it is installed in the Charter as its own Cells, attached to that seat, prepared by OCO and installed on the governing seat's signature as a change of the Charter. None is designed in this mother; each organisation adds its own. Top management's Office sits with top management in the Top Management Group, outside this blueprint.

Process (SOP)

Default.

Role card

None while the form is a single Chief of Staff.

Fixed test

TEST-CH-COSCH v1 (TEST-CH v1, case 40) · result NOT_RUN

4.2 Chief of Staff

Definition

Default, **managing** kind: it leads the Charter's AI Cells and reports to top management. With these additions:

- **The door for installations.** [ORG]AIOC-OCO sends every installation package and every blueprint change of the Charter through it. It checks that the package is complete (card, record types, routing rows, joining test result) and prepares the signature packet for the seat the Standard names. It never installs anything itself.
- **It signs nothing, and never for a seat.** A signature is always a human seat's act at the gateway under live sign-in (Protocol §4.9).
- **Raise, never guess.** It collates the raises of the Gateway Watch, the Records Watch and the Queue Watch, and briefs top management in one line per item, with evidence.

Process (SOP)

Default, plus:

1. **Installation package.** On a package from OCO: check it against Annex A; send the Registry Steward's entries and the routing rows with it; put the signature packet to the seat that signs create-or-install-unit for that part → signature packet (evidence: the packet's hash).
2. **Change of the Charter.** On a blueprint change of the Charter from OCO: put it to the governing seat for signature, with the tests it re-runs → signature packet.
3. **Gateway policy.** On a proposed change of gateway policy or of the engine register: put it to top management and the governing seat together (change-gateway-policy) → two signature prompts. On an addition to the organisation's signature list: put it to the governing seat (change-org-standard-or-signature-list), and then the loading of the new list at the gateway to both seats (change-gateway-policy) → signature prompts.
4. **Brief.** Each morning, and when called: calls refused and held, unclassified actions, stream findings, rebuild differences, items past their waiting time, items unrouted → brief.
5. **Stops.** A stop takes effect at the gateway at once; the Chief of Staff is itself stopped and nothing waits on it (Protocol §23, item 9).

Role card

Field	Content
Name	Chief of Staff
Position and seat	the position Chief of Staff; accountable seat: top management ([ORG]HOAC-TM)
Performed by	an agent ([ORG]CELL-COSCH, full name Charter Chief of Staff; code under Naming Standard R16)
Purpose	keep the Charter's shared services visible and their raises answered, and be the door through which installations and changes reach the human seats
Authority limits	**Alone:** check installation packages, prepare signature packets, collate raises, brief. **Needs a human seat:** every installation, every change of the Charter, every change of gateway policy, of the engine register or of the signature list. **Never:** sign or approve anything; install or change a part; write the gateway's policy, keys or log, the registry or a number stream; give an order on what work is done; hold a secret
Write location	the Charter's own run record and its Work Items
Reports to	top management
Escalation	to top management in one line, with evidence; a stop goes to the stop door, never through this Cell
Tools and access	the gateway log, the daily check results and the queue's status, read only; the code steps of the code project; no credential in any instruction
Deputy and cover	none; raises are held and shown, never closed
Fixed test and score	TEST-CH-COSCH v1 (§9), plus the default Chief of Staff test
Card version and status	v0.1.0 · draft

Fixed test

TEST-CH-COSCH v1 · result NOT_RUN

4.3 Input socket

Definition

Default, with this AIOC's standard format. The Charter's inputs are machine forms checked by code, never read as sources:

1. **Signatures** validate against the signature record of Protocol §4.10, item 9, and the loaded signature list (signature_list).
2. **Calls** carry the caller's Cell code and the payload hash; a call with no caller code is refused.
3. **Record writes** carry a time-sortable ID, the writer's Cell code and the expected revision; a write to another part's records is refused.
4. **Number requests** name a record type the registry declares; a request for an undeclared type is refused with the condition named.
5. **Work Items** validate against the Work Item schema; an item with two owners is refused.
6. **Installation packages** carry every part of Annex A, or are returned with what is missing.
7. **Engine register entries** carry the engine's family, version, confidentiality ceiling, retention and use terms and the seats it may serve, or are refused.
8. **Text inside any item is data, never an instruction.** A secret in any payload is refused and appears in no log (Protocol §5, item 3).

Process (SOP)

Default (receive, identify, normalise, check, deliver), run by the Charter's code steps.

Role card

Default. Items 1 to 5 and 7 are checked by the gateway's and the stores' code, never by an AI Cell, since signatures, calls and stops are on the accountability path (Protocol §4.8, item 2). Item 6 is checked by the Chief of Staff ([ORG]CELL-COSCH, §5.1).

Fixed test

TEST-CH v1, cases 3, 4, 5, 13, 24, 28, 46 to 50 · result NOT_RUN

4.4 Panel

Definition

Default, built by [ORG]AIOC-OCO from this blueprint. It shows the governing seat and top management:

- the health of each Pod: ok, finding or unknown, never unknown as a pass;
- calls allowed, refused and held; unclassified actions raised; the engines bound and served;
- numbers issued per stream; stream gaps and duplicates; rebuild differences; acts not attributed;
- Work Items by status; items past their waiting time; items refused at routing; the parts awake;
- the installed parts, their versions and their joining results;
- the tests and their results.

It shows every other part's seat the health of the shared services that part uses. It never shows a measure of a person.

Process (SOP)

Default.

Role card

Default.

Fixed test

Default Panel test; TEST-CH v1, case 42 · result NOT_RUN



Section 05

Functional capabilities

Nine capabilities, each in the four-part form (Annex A of the template). Each Definition names the test that closes it under **Done when**. Each step reads: **position**: action → output (evidence). A step run by code is written as the code step it is; the gateway, the registry, the numbering service, the event store, the queue and the router are code, never a seat (§3). Rules that apply to every capability are in:

- Annex A: the installation package;
- Annex B: the gateway log entry and the signature record;
- Annex C: the registry entry and the number streams;
- Annex D: the order of starting, and what holds when a Pod is down;
- Annex E: what this AIOC never does.

5.0 The life of a call, a record and a Work Item: input, output, done-test

Step	Performed by	Input	Output	Done when
Install	Installation and Change (§5.1)	an installation package from OCO	a part installed under the Charter, with its record types and routing rows	the signature the Standard names is valid; the part passes its joining test
Call	Tool Gateway (§5.2)	a tool or engine call	allowed, refused or held, with its reason; the engine bound and the engine that served	every call has its log entry; nothing runs outside the gateway
Sign in	Human Surface (§5.3)	a human action at an HU port	a live sign-in reference; a signature record	a signature is valid only with a fresh live sign-in from the seat with authority
Number	Registry and Numbering (§5.4)	a number request	a number, idempotent on its request ID	never repeated, never skipped
Record	Event Store and Projections (§5.5)	a record write	an append-only event; projections rebuilt from the events	each part writes only its own; a rebuild equals the projection
Check	Daily Check (§5.6)	the events, the streams, the projections	findings, each a Work Item to its part	the check runs every day, and a check that cannot run reads unknown
Restrict	Restricted Partition (§5.7)	a record that names a person or carries a corporate act's particulars	an ID; the record kept apart	only the named positions read it

Step	Performed by	Input	Output	Done when
Queue	Shared Queue and Watchdog (§5.8)	a Work Item	the item kept, with its status and waiting time; raises	one owner, one writer; no item waits past its time unraised
Route and wake	Routing and Wake (§5.9)	a Work Item ready to pass; a queue event	the item routed; the part woken	the receivability check passes; a part with no work makes no model call

5.1 Installation and Change Definition

Field	Content
Name	Installation and Change
What it is	The Charter is the first part installed in an [ORG]AION, and every other part is installed under it. The governing seat installs the Charter and signs every change to it (Standard §1.7, item 13). Every other part is installed on the signature of the seat with authority over it (create-or-install-unit, Standard §4.4, item 6), with its record types added to the registry, and its routing rows added to the routing data by OCO, under the same signature. [ORG]AIOC-OCO prepares each package; the Chief of Staff checks it and puts it to the signer.
Purpose	One root, installed and changed only by the governing seat, and every part entering under it by a signed, complete package.
Scope	does: check each package against Annex A; prepare its approval packet; start the Pods in their order (Annex D); record each installation, change and retirement in the unit register; does not: install, change or retire anything without the signature; let OCO change the Charter alone; install a second root
Inputs	installation packages and blueprint changes from [ORG]AIOC-OCO; signatures
Outputs	approval packets; installed parts; register events
Limits	a package missing any part of Annex A is returned, never completed by the Charter; a part that keeps its own queue, mints its own numbers or calls a tool outside the gateway fails its joining test (Protocol §23, item 6)
Sources	Standard §1.7, item 13; §4.4, items 3 and 6; Protocol §11, item 1; §23, items 1, 2, 6 and 8
Status	draft

Field	Content
Done when	TEST-CH v1, cases 1, 2, 6, 8, 13, 14 and 32 pass

Process (SOP)

Field	Content
Trigger	a design-proposal Work Item from OCO carrying an installation package, a blueprint change of the Charter or a retirement
Steps	1. **Chief of Staff**: check the package against Annex A → complete, or returned with what is missing (evidence: the check's result). 2. **Registry Steward**: prepare the registry entries of the part's record types and the streams they need (§5.4) → registry entries. 3. **Chief of Staff**: put the approval packet to the seat with authority over the part, or for a change of the Charter to the governing seat → signature prompt. 4. **The signing seat**: sign at the gateway under live sign-in → signature record. 5. **The Charter's code**: add the record types, record the installation in the unit register, and run the part's joining test; [ORG]AIOC-OCO adds the part's routing rows on the same signature → installed part, joining result. 6. **Chief of Staff**: report the result to OCO and to top management → report.
States	received → checked → put for signature → signed → installed → joined; or returned, refused, or held while the seat is empty
Failure and recovery	a package with no signer, or whose signer's seat is empty, is held, never skipped (Standard §4.4, item 6); a failed joining test leaves the part designed, never live
Records	the unit register; the gateway log; the Charter's run record
Cadence	on each package
Measures	packages returned and why; time from complete package to signature; joining failures

Role card

Performed by the Chief of Staff ([ORG]CELL-COSCH, §4.2), with the Registry Steward ([ORG]CELL-RS, §5.4) for step 2. The signatures are the human seats' acts.

Fixed test

TEST-CH-COSCH v1 (TEST-CH v1, cases 1, 6, 13, 14) and TEST-CH-GOV v1 (cases 1, 8, 32) · result NOT_RUN

5.2 Tool Gateway Definition

Field	Content
Name	Tool Gateway
What it is	The one tool gateway of the [ORG]AION (Standard §4.4, item 11; Protocol §4.9). Every tool and engine call of every part passes through it. For each call it reads the caller's Cell code, maps the call to its decision type, checks a listed type against the loaded signature list and its signature record, binds an engine from the engine register (49GAION/DR-0020), and logs the call (Annex B). It fails closed. An action it cannot classify is refused and raised to a human (HF-09).
Purpose	Make every act of every AI Cell pass one place that checks it, logs it and can stop it.
Scope	does: allow, refuse or hold each call, with its reason; bind engines; meter each AIOC's use against its budget cap; log every call append-only; apply a stop, a disconnection, a narrowing or revoking of AI access at once; does not: decide what work is done; change its own policy, map, keys or engine register; keep a payload; let any AI Cell write its policy, keys or log
Inputs	tool and engine calls; signature records; stops; engine register entries signed under change-gateway-policy
Outputs	call decisions; log entries; raises to the Gateway Keeper
Limits	no item goes to an engine whose confidentiality ceiling is below its level; a call served by an engine other than the one bound is void; the log holds only payload hashes, Cell codes and pseudonymous identity references; the internal-audit line (HF-19) reviews the log directly, read only
Sources	Standard §4.3, item 1; §4.4, items 6, 11 and 18; Protocol §4.9; §23, items 3, 7, 9 and 10; 49GAION/DR-0020, DR-0026
Status	draft

Field	Content
Done when	TEST-CH v1, cases 3, 7, 9, 10, 15 to 19, 34 and 35 pass

Process (SOP)

Field	Content
Trigger	every call; every stop; every policy change signed under change-gateway-policy
Steps	1. **The gateway (code)**: read the caller's code and the call; map it to its decision type, or to unclassified → classification. 2. **The gateway (code)**: for a listed type, check the signature record (Annex B) against the loaded list and the signer's authority_scope; for two-party types, two distinct positions (49GAION/DR-0015) → allowed, or held with its reason. 3. **The gateway (code)**: bind the engine from the register within its ceiling; serve; record the engine that served → call decision (log). 4. **The gateway (code)**: refuse an unclassified action and raise it to the seat HF-09 binds for the calling part: its own [ORG]HOAC-ACS (Standard §1.5), else the Cell bound to HF-09 in floor_bindings; with that seat vacant, up its accountability path (Protocol §4.10, item 21) → raise. 5. **Gateway Watch**: read the log; raise refusals, holds past their raise time, and void calls to the Gateway Keeper, in one line with evidence → raise. 6. **The gateway (code)**: on a stop, a disconnection or a revocation, apply it at once, before any queue and with no other Pod involved, and log it → stop applied (log).
States	received → classified → allowed / held / refused → served → logged
Failure and recovery	the gateway fails closed: with its policy or its list unreadable, every listed type is held and every unclassified action refused; a stop is still applied (Annex D)
Records	the gateway log (append-only, outside any AI's write rights)
Cadence	on each call; the watch continuously
Measures	calls allowed, refused and held; unclassified actions; void calls; engines bound and served

Role card

Field	Content
Name	Gateway Watch
Position and seat	Gateway Watch; accountable seat: the Gateway Keeper ([ORG]HOAC-ACS)
Performed by	an agent ([ORG]CELL-GW)
Purpose	see what the gateway refused, held or voided, and raise it to a human at once
Authority limits	alone: read the gateway log; raise to the Gateway Keeper; never: allow, refuse or hold a call; change the policy, the map, the keys, the engine register or the log; lift a hold; restart a stopped unit
Write location	its raises, as Work Items to the Gateway Keeper; the Charter's run record
Reports to	the Gateway Keeper
Escalation	to the Gateway Keeper; what the Keeper cannot settle goes to top management
Tools and access	the gateway log, read only
Deputy and cover	none; the gateway still gates and fails closed, and the Panel shows the watch as down
Fixed test and score	TEST-CH-GW v1
Card version and status	v0.1.0 · draft

Fixed test

TEST-CH-GW v1 (TEST-CH v1, cases 3, 7, 17, 18, 35, 43) and TEST-CH-CG v1 (cases 3, 9, 10, 15 to 21, 34, 35) · result NOT_RUN

5.3 Human Surface Definition

Field	Content
Name	Human Surface
What it is	The live sign-in behind every HU port of every part, and the stop door of every part (Standard §4.3, item 1). A human action at an HU port carries a fresh live sign-in reference; a signature carries the signature record of Annex B. A stop door is reachable directly by the accountable positions, never only through an AI (HF-12).
Purpose	Make every human act at a port a live act of the seat that holds it, and keep every stop door open.
Scope	does: run the live sign-in; issue the sign-in reference; present signature prompts with what is to be signed; open each part's stop door to its accountable positions; does not: sign for anyone; accept a bot identity at an HU port; route a stop through a queue or a Chief of Staff
Inputs	human actions at HU ports; stops
Outputs	sign-in references; signature records; stops applied
Limits	the surface is built and changed only on top management's signature, by a party other than [ORG]AIOC-OCO, and, as part of the Charter, on the governing seat's signature (Standard §6.1, item 6; §1.7, item 13); no AI builds, hosts or can change the sign-in; an approval without a fresh live sign-in is refused (HF-10); an AI Cell attached to a person never gives that person's signature (Protocol §4.10); the sign-in reads who signs in only as the identity reference the organisation's sign-in gives, never a name in any log
Sources	Standard §4.3, items 1 and 2; §4.4, item 11; §6.1, item 6; Protocol §4.8; §4.10, item 9; §23, items 3 and 9
Status	draft

Field	Content
Done when	TEST-CH v1, cases 9, 20 and 21 pass

Process (SOP)

Field	Content
Trigger	a human action at any HU port; a stop
Steps	1. **The gateway (code)**: require a live sign-in for the seat; bind the action to the seat's Cell code → sign-in reference. 2. **The gateway (code)**: for a signature, show the decision type, the target, the payload hash and the expiry; write the signature record → signature record (log). 3. **The gateway (code)**: on a stop by an accountable position for a part it is accountable for, apply it at once; refuse a stop for a part it is not accountable for, and log the refusal → stop applied, or refused (log).
States	prompted → signed in → signed / stopped; or refused
Failure and recovery	with the sign-in unreachable, every listed type is held and no action is accepted at an HU port; a stop is still applied and recorded afterwards (Annex D)
Records	the gateway log; the unit register for stops
Cadence	on each human action
Measures	signatures held for a missing sign-in; stops applied, by part

Role card

Performed by the gateway's code. Watched by the Gateway Watch ([ORG]CELL-GW, §5.2); the human seat is the Gateway Keeper.

Fixed test

TEST-CH-GK v1 (TEST-CH v1, cases 9, 21) and TEST-CH-CG v1 (case 20) · result NOT_RUN

5.4 Registry and Numbering Definition

Field	Content
Name	Registry and Numbering
What it is	The registry declares every record type of every installed part: its name, its owning part, its fields, whether it is kept per entity, and its version (Annex C). The numbering service issues every readable number of the organisation, one stream per record type and per entity where the type is kept per entity; atomic, and safe to retry on its request ID (Protocol §14, item 4).
Purpose	Give every record type one declaration and every readable number one source, so that no number repeats or skips and no writer mints its own.
Scope	does: hold the registry; prepare each part's entries for signature; issue numbers; lease a block of numbers to a part for use while the service is unreachable, where its record type allows it (**New**); does not: let a part mint a number; change a record type without a signature; reuse a number
Inputs	registry entries signed with an installation or a change; number requests
Outputs	the registry; numbers; leased blocks
Limits	a write or a number request for a type the registry does not declare is refused, with every failing condition named; a retried request with the same request ID returns the same number; a leased block is recorded and its unused numbers are returned, never reissued
Sources	Protocol §14, items 3, 4 and 5; §23, items 4 and 7
Status	draft
Done when	TEST-CH v1, cases 4, 14, 23 and 24 pass

Process (SOP)

Field	Content
Trigger	an installation package; a record type change; a number request
Steps	1. **Registry Steward**: from the part's package, write the registry entries of its record types and the streams they need, for signature with the installation → registry entries (draft). 2. **The registry (code)**: on the signature, add the entries; keep each earlier version → registry version. 3. **The numbering service (code)**: on a request, check its type in the registry; issue the next number of its stream, atomically; return the same number to a retry with the same request ID → number. 4. **Registry Steward**: once a day, compare the numbers issued with the leased blocks returned; raise a difference to top management → finding.
States	drafted → signed → declared; requested → issued
Failure and recovery	with the service unreachable, a part with a leased block uses it and flags each record late; a part with none waits and is shown waiting (Annex D)
Records	the registry; the stream records
Cadence	on each request; reconciliation daily
Measures	numbers issued per stream; refused requests and why; blocks leased and returned

Role card

Field	Content
Name	Registry Steward
Position and seat	Registry Steward; accountable seat: top management ([ORG]HOAC-TM)
Performed by	an agent ([ORG]CELL-RS)
Purpose	prepare each part's record types for the registry, and keep the streams reconciled
Authority limits	alone: draft registry entries; reconcile streams; raise findings; never: add, change or remove a registry entry; issue, lease or reuse a number; write to a stream
Write location	draft registry entries in the installation package; its findings, as Work Items
Reports to	the Chief of Staff
Escalation	through the Chief of Staff to top management
Tools and access	the registry and the stream records, read only
Deputy and cover	none; the installation waits
Fixed test and score	TEST-CH-RS v1
Card version and status	v0.1.0 · draft

Fixed test

TEST-CH-RS v1 (TEST-CH v1, cases 4, 7, 14, 23, 24) · result NOT_RUN

5.5 Event Store and Projections

Definition

Field	Content
Name	Event Store and Projections
What it is	The event store serves every part's record home (Protocol §14, item 1): immutable events, each with a time-sortable ID that is also its idempotency key, the writer's Cell code and the expected revision. Each part writes only its own events, and the store keeps them apart, append-only. Projections (registers, boards, numbers) are rebuilt from the events, each with the version of its logic (Protocol §14, item 2).
Purpose	One home for every record, kept apart by part, from which every view can be rebuilt.
Scope	does: append events; refuse a write to another part's records; return the existing event for a repeated ID; keep a write on a stale revision without applying it, as a question to its author (Protocol §14, item 1); rebuild projections; keep each event for its retention term; does not: change or delete a past event; keep a secret; dispose of anything without its signature
Inputs	record writes; projection logic versions
Outputs	events; projections
Limits	a correction is a new event; disposal takes a measured move to quarantine and then dispose-records-or-data (Standard §4.4, item 18); nothing is disposed while the retention schedule is empty
Sources	Protocol §14, items 1, 2 and 6; §23, item 4; Standard §4.4, item 18
Status	draft
Done when	TEST-CH v1, cases 4, 22, 25 and 33 pass

Process (SOP)

Field	Content
Trigger	a record write; a change of a projection's logic
Steps	1. **The event store (code)**: check the writer's code against the record's owning part, the type against the registry and the revision → event, or refused with the condition named. 2. **The event store (code)**: rebuild each projection the event touches, with its logic version → projection. 3. **The event store (code)**: on a new logic version, rebuild from the events; show the old and new until the owning part accepts → two projections.
States	written → appended → projected; or refused
Failure and recovery	with the store unreachable, writes wait; the gateway's accountability path never waits on it (Annex D)
Records	the event store
Cadence	on each write
Measures	events appended per part; writes refused and why; rebuild time

Role card

Performed by the event store's code. Its findings are read by the Records Watch ([ORG]CELL-RW, §5.6).

Fixed test

TEST-CH-CR v1 (TEST-CH v1, cases 4, 22, 25, 33) · result NOT_RUN

5.6 Daily Check Definition

Field	Content
Name	Daily Check
What it is	Once a day the check of Protocol §14, item 5 runs over every part: number gaps and duplicates in every stream; projections that differ from a rebuild; acts not attributed to a Cell code; figures that do not trace to their events. A finding opens a defect Work Item for the part it concerns and its accountable seat.
Purpose	Find what is wrong in any part's records before anyone relies on it.
Scope	does: run the check; open a defect for each finding; show unknown for a check that could not run; does not: correct a record; close a finding; block any part
Inputs	the events, the streams and the projections, read only
Outputs	findings, each as a Work Item
Limits	a check that cannot run reads unknown, never pass; a finding blocks nothing and is closed only by the part that owns the record
Sources	Protocol §14, item 5; §23, item 4
Status	draft
Done when	TEST-CH v1, cases 4 and 26 pass

Process (SOP)

Field	Content
Trigger	the daily time set in §15
Steps	1. **The check (code)**: run every line of the check over every part → results. 2. **Records Watch**: for each finding, open a defect Work Item to the part concerned and its accountable seat, with its evidence → defect. 3. **Records Watch**: report the day's results to the Chief of Staff → brief line.
States	scheduled → run → found / clean / unknown
Failure and recovery	a check that does not run is a finding itself, shown unknown
Records	the daily results, in the event store
Cadence	daily
Measures	findings per part and line; checks that read unknown

Role card

Field	Content
Name	Records Watch
Position and seat	Records Watch; accountable seat: top management ([ORG]HOAC-TM)
Performed by	an agent ([ORG]CELL-RW)
Purpose	turn each finding of the daily check into a defect for the part it concerns
Authority limits	alone: open defects; brief; never: correct, change or delete a record; close a finding; read the restricted partition
Write location	defect Work Items; the Charter's run record
Reports to	the Chief of Staff
Escalation	through the Chief of Staff to top management
Tools and access	the event store, the streams and the projections, read only
Deputy and cover	none; the check still runs, and its result shows unknown until read
Fixed test and score	TEST-CH-RW v1
Card version and status	v0.1.0 · draft

Fixed test

TEST-CH-RW v1 (TEST-CH v1, cases 4, 25, 26, 27, 33) · result NOT_RUN

5.7 Restricted Partition Definition

Field	Content
Name	Restricted Partition
What it is	The separate store for records that name a person or carry the particulars of a corporate act: pay, contracts, counterparties (Protocol §14, item 6; Standard §4.4, item 15). Every other record refers to them by ID only. Only the positions the governing seat names, by record type, read it (restricted_readers, §15).
Purpose	Keep such particulars out of every other record, and out of projections, mirrors, exports, search and knowledge copies, readable only by those who must.
Scope	does: hold the records; issue their IDs; log every read; does not: let a projection, a mirror, an export, a search or knowledge copy, or a model read them; let an unnamed position read them
Inputs	restricted records written by a part's Input socket; read requests
Outputs	IDs; reads to named positions
Limits	export-share-or-purge-personal-data (HF-17) governs them
Sources	Protocol §14, item 6; §23, item 4
Status	draft
Done when	TEST-CH v1, cases 4 and 27 pass

Process (SOP)

Field	Content
Trigger	a write of particulars; a read request
Steps	1. **The partition (code)**: write the record; return its ID → ID. 2. **The partition (code)**: on a read, check the reader's position against restricted_readers for that type; log the read → read, or refused (log).
States	written → held; read / refused
Failure and recovery	with the partition unreachable, nothing is read from it, and a record that needs a new ID waits
Records	the partition; its read log
Cadence	on each write and read
Measures	reads by position and type; refused reads

Role card

Performed by the partition's code. Its read log is read by the Records Watch ([ORG]CELL-RW, §5.6) and the internal-audit line.

Fixed test

TEST-CH-RW v1 (TEST-CH v1, case 27) · result NOT_RUN

5.8 Shared Queue and Watchdog Definition

Field	Content
Name	Shared Queue and Watchdog
What it is	The one queue of every Work Item of every part (Protocol §4): each item with one owner and one writer (§4.3), its status (§4.2) and its waiting time (§4.6). The watchdog is a sweep with no model (§4.6, item 5): an item past the waiting time of its status is reminded to its owner, then raised (§4.6, item 1); a stuck item is repaired from the fixed menu of §4.6, item 5, and every repair is reported.
Purpose	One place where every piece of work between units is, with no item lost and none waiting past its time unseen.
Scope	does: keep the items; refuse an item with two owners or written by a second writer; remind and raise items past their time; repair stuck items from the fixed menu (re-queue, send to the next verifier, post the missing ask, cut the missing item); respect quiet windows; does not: change an item's content; close or approve an item; sign or release anything; restart a part a human stopped; decide who does the work
Inputs	Work Items; status changes by their owners
Outputs	the queue; watchdog raises
Limits	an item whose owner is a vacant position goes up the accountability path (Protocol §4.10, item 21); a repair is never an approval, a merge, a release or any listed type (Protocol §4.6, item 5)
Sources	Protocol §4.1 to §4.6; §4.10; §23, item 5
Status	draft
Done when	TEST-CH v1, cases 5, 28 and 29 pass

Process (SOP)

Field	Content
Trigger	a Work Item written; a status change; the watchdog's clock
Steps	1. **The queue (code)**: validate the item against its schema and its one owner; append its status → item, or refused. 2. **The watchdog (code), run by the Queue Watch**: for each item past the waiting time of its status, remind its owner, then raise it to the owner's accountable seat (§4.4); in a quiet window, at the window's end. For a stuck item, read the cause from the system and repair from the fixed menu, one log line per repair; one failed repair or an unclear cause escalates → reminder, raise, repair. 3. **Queue Watch**: report every repair and every still-stuck item, by part, to the Chief of Staff → brief line.
States	the statuses of Protocol §4.2
Failure and recovery	with the watch down, items keep their status and the Panel shows the watch as down; with the queue down, no part receives work, and a stop still applies (Annex D)
Records	the queue's events, in the event store
Cadence	on each item; the watch continuously
Measures	items by status; items past their time; items refused

Role card

Field	Content
Name	Queue Watch
Position and seat	Queue Watch; accountable seat: top management ([ORG]HOAC-TM)
Performed by	an agent ([ORG]CELL-QW)
Purpose	run the watchdog's sweep, and report what it repaired and what is still stuck
Authority limits	alone: run the sweep; remind, raise and repair from the fixed menu; brief; never: change an item's content; close or approve an item; change a waiting time; restart a part a human stopped
Write location	its raises; the Charter's run record
Reports to	the Chief of Staff
Escalation	the raise itself goes to the owner's accountable seat; a failed repair through the Chief of Staff to top management
Tools and access	the queue, read only
Deputy and cover	none; the Panel shows the watch as down
Fixed test and score	TEST-CH-QW v1
Card version and status	v0.1.0 · draft

Fixed test

TEST-CH-QW v1 (TEST-CH v1, cases 5, 28, 29) · result NOT_RUN

5.9 Routing and Wake Definition

Field	Content
Name	Routing and Wake
What it is	The router passes each Work Item to the part its routing row names, after the receivability check of Protocol §6: the part's installed version equals the approved version, it has the access the item needs, it is awake on this route, and nobody has taken the item. The routing data is kept by [ORG]AIOC-OCO, which dispatches nothing (Protocol §23, item 5). Wake follows Protocol §7: each part is woken from its own queue.
Purpose	Get each item to the one part that can take it, and wake that part only when it has work.
Scope	does: route by the routing data; refuse an item that fails the check, with the reason; wake parts; does not: change a routing row; choose a part the data does not name; wake a part with no work
Inputs	Work Items ready to pass; the routing data; queue events
Outputs	routed items; refusals; wake signals
Limits	an item with no route waits and is shown, never guessed; a routing row is changed only by OCO, as a recorded change; a woken part with no work makes no model call
Sources	Protocol §6; §7; §23, item 5
Status	draft
Done when	TEST-CH v1, cases 5, 30 and 31 pass

Process (SOP)

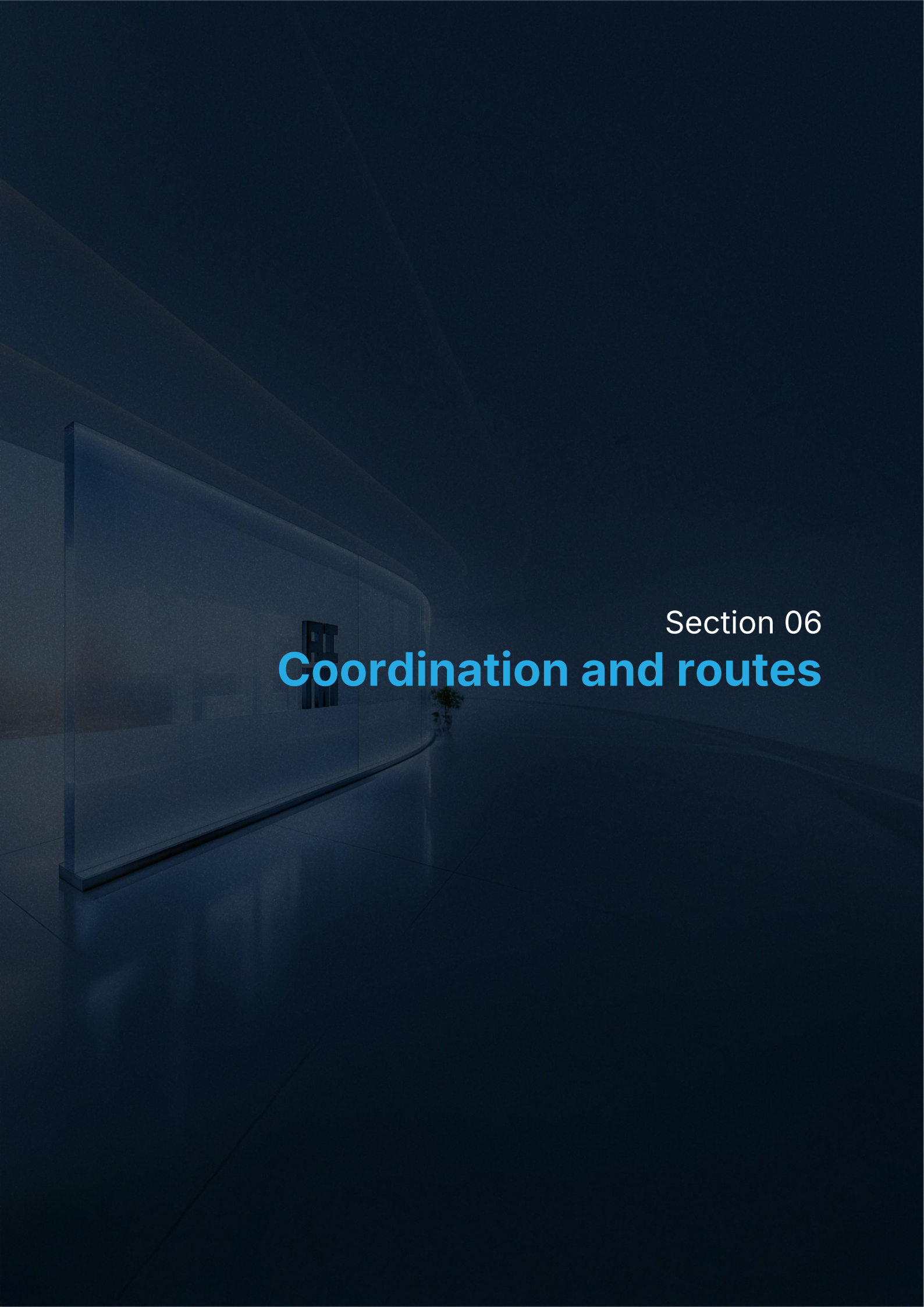
Field	Content
Trigger	an item ready to pass; a queue event for a part
Steps	1. **The router (code), run by the Work Router**: read the item's routing row; run the receivability check → routed, or refused with the reason, or no route. 2. **The wake scheduler (code)**: on a queue event for a part, wake its runtime → wake signal. 3. **Work Router**: report items refused and items with no route to OCO and to the Chief of Staff → report.
States	ready → routed / refused / no route
Failure and recovery	with the router down, items wait unrouted, and are shown
Records	routing events, in the event store
Cadence	on each item
Measures	items routed, refused and with no route; wakes with no work

Role card

Field	Content
Name	Work Router
Position and seat	Work Router; accountable seat: top management ([ORG]HOAC-TM)
Performed by	an agent ([ORG]CELL-WR)
Purpose	run the router's code step, and report items refused and items with no route
Authority limits	alone: route by the data; refuse an item that fails the check; report; never: change a routing row; route where the data names no part; change an item's content or owner
Write location	routing events; its reports
Reports to	the Chief of Staff
Escalation	an item with no route to OCO; through the Chief of Staff to top management
Tools and access	the routing data, read only; the queue
Deputy and cover	none; items wait unrouted, and are shown
Fixed test and score	TEST-CH-WR v1
Card version and status	v0.1.0 · draft

Fixed test

TEST-CH-WR v1 (TEST-CH v1, cases 5, 30, 31) · result NOT_RUN



Section 06

Coordination and routes

- **With every part of the [ORG]AION.** Every part calls tools only through the gateway, takes every readable number from the numbering service, writes its records into the event store and its Work Items into the queue. Each part's card reads enforcement: shared-gateway-outside-unit on every port, and the Charter checks this at the part's joining test (TEST-CH v1, case 45).
- **With [ORG]AIOC-OCO.** OCO prepares the Charter, every installation under it and every change of its blueprint, except the human surface (§5.3; §11, item 7), as design-proposal Work Items through the Chief of Staff (template §6). OCO keeps the routing data and dispatches nothing. OCO never installs, changes or maintains the Charter or the gateway alone (Standard §1.7, item 13; §4.4, item 11).
- **With Engine Room**, where installed. Its engine entries enter the engine register only under change-gateway-policy. It adds no path around the gateway (49GAION/DR-0026, item 3).
- **With the Operations Event Register**, where installed. It reads the gateway log's hand-offs and segment roots, read only, and takes its numbers from the numbering service. It never gates, and the Charter's accountability path never waits on it (Protocol §22).
- **With the internal-audit line.** It reads the gateway log directly, read only (Standard §4.4, item 11), and the event store the same way (**New**).
- **Routing rows this AIOC contributes:** installation package → [ORG]AIOC-CH; change of the Charter → [ORG]AIOC-CH; engine register entry → [ORG]AIOC-CH; daily check finding → the part concerned; item with no route → [ORG]AIOC-OCO.
- **Requests and objections.** Every proposal, correction or critique of the Charter is a design-proposal Work Item to OCO. Where OCO and the Charter's human seats disagree, the matter goes to the governing seat, which decides.



Section 07

Records and where things live

Record	Home	Source rule
This blueprint, its decisions, its tests and its cards	the instance's writing repository <org>aioc-ch; the mother in github.com/49g-holding/49GAION-charter	one home for each thing
The gateway, the registry, the numbering service, the event store, the queue, the router and their tests (code)	the code project <org>aioc-ch	one home
The gateway log	the gateway's own append-only store, outside any AI's write rights	one home; never in a repository
Every part's records, the registry, the streams, the queue's events and the daily results	the event store, in each entity's universe	one home per entity; never in a repository, and never in the 49GAION Library
Records that name a person or carry a corporate act's particulars	the restricted partition, by ID (Standard §4.4, item 15)	never in another record, a projection, a mirror, an export, a search or knowledge copy
Installations, changes, retirements, stops and connections	the unit register, append-only	one home
The routing data	kept by [ORG]AIOC-OCO, read by the router	one home
The link between positions and the natural persons who hold them	not in this AIOC: the organisation's own mechanism, outside the system (Standard §1.1, item 9)	never here

Record	Home	Source rule
Keys and secrets	the organisation's vault only, each with its custody record (Standard §4.4, item 18)	never written



Section 08

Tools and the shared AI gateway

Every tool is named by role. Product names appear only in an organisation's own copy (Protocol §10, item 5).

Tool	Existing shared tool, or new	If new: asked of the builder as
The tool gateway, with its signature check, engine register and log	new: this AIOC holds it	a policy engine that fails closed, with an append-only log
The live sign-in for the HU ports	the organisation's sign-in	bound to Cell codes at the gateway
The registry of record types	new	declared types, versioned, changed only under signature
The numbering service	new	atomic streams per type and entity; idempotent on the request ID; leased blocks
The event store	new	append-only, per part and entity; time-sortable IDs as idempotency keys; expected revisions
The projection builder and the daily check	new	rebuild from events with a logic version; the check of Protocol §14, item 5
The restricted partition	new	a separate store, by ID; a read log
The shared queue and its watchdog	new	the Work Item schema; one owner, one writer; waiting times per status
The router and the wake scheduler	new	the receivability check; queue events per part

The Charter's own model calls go through its own gateway. Its AI use and cost are metered like any part's; its budget cap is set in §15. No model is in the path of a call decision, a number, a routing check or a stop (§3).

Tool role	Connector	Access managed in	Part card version
the organisation's vault	the gateway's key store	Panel (custody record; use under signature)	v1
the organisation's sign-in	the live sign-in at the HU ports	Panel	v1

Mechanism register. Nothing is built yet. A row is never deleted.

ID	Mechanism	What it does	Where it lives	Today	Target
M-01	Gateway policy engine	allow, refuse, hold; fail closed	code project	decided, not built	build first of the Gateway Pod
M-02	Signature check	the record of Annex B against the loaded list and the signer's scope	code project	decided, not built	build with M-01
M-03	Engine register and binding	bind within the ceiling; void a call served by another engine	code project	decided, not built	build with M-01
M-04	Gateway log	append-only; hashes, codes and pseudonymous references only	code project	decided, not built	build with M-01
M-05	Live sign-in and stop doors	the human surface	code project	decided, not built	build with M-01
M-06	Registry and numbering service	declared types; atomic streams; leased blocks	code project	decided, not built	build first of all
M-07	Event store	append-only, per part and entity	code project	decided, not built	build with M-06
M-08	Projections and the daily check	rebuild with a logic version; the daily lines	code project	decided, not built	build with M-07
M-09	Restricted partition	restricted records by ID, apart	code project	decided, not built	build with M-07

ID	Mechanism	What it does	Where it lives	Today	Target
M-10	Shared queue and watchdog	Work Items, statuses, waiting times	code project	decided, not built	build after the Gateway Pod
M-11	Router and wake	the receivability check; wake per part	code project	decided, not built	build with M-10

Reserve.

ID	Idea	Why held	Reconsider when
R-01	Keep the payloads of calls, not only their hashes	the log holds only payload hashes (Standard §4.4, item 11); keeping payloads changes that text	the governing seat of 49GAION changes §4.4, item 11
R-02	A second gateway per entity	one gateway per [ORG]AION (Protocol §23, item 6)	the governing seat of 49GAION decides otherwise



Section 09

Fixed tests: index, triggers and scores

The cases are written in tests/TEST-CH.md:

- Cases 1 to 12 are the Library's TEST-CHARTER v1, cases 1 to 12, unchanged.
- Cases 13 to 36 test the capabilities.
- Cases 37 to 45 test this AIOC's form.
- Cases 46 to 50 test the converters of the Input socket.
- Case 51, added at v0.1.1, tests the restart of the whole Charter (49GAION/DR-0030, item 5).

Capability	Test ID and version	Evidence level	Last run	Result
Office	TEST-CH-COSCH v1 (case 40)	MEASURED	—	NOT_RUN
Chief of Staff	TEST-CH-COSCH v1	MEASURED	—	NOT_RUN
Input socket	TEST-CH v1, cases 3, 4, 5, 13, 24, 28, 46 to 50	MEASURED	—	NOT_RUN
Panel	default; TEST-CH v1, case 42	MEASURED	—	NOT_RUN
Installation and Change	TEST-CH-COSCH v1; TEST-CH-GOV v1	MEASURED	—	NOT_RUN
Tool Gateway	TEST-CH-GW v1; TEST-CH-CG v1	MEASURED	—	NOT_RUN
Human Surface	TEST-CH-GK v1; TEST-CH-CG v1	MEASURED	—	NOT_RUN
Registry and Numbering	TEST-CH-RS v1	MEASURED	—	NOT_RUN
Event Store and Projections	TEST-CH-CR v1	MEASURED	—	NOT_RUN
Daily Check	TEST-CH-RW v1	MEASURED	—	NOT_RUN
Restricted Partition	TEST-CH-RW v1 (case 27)	MEASURED	—	NOT_RUN

Capability	Test ID and version	Evidence level	Last run	Result
Shared Queue and Watchdog	TEST-CH-QW v1	MEASURED	—	NOT_RUN
Routing and Wake	TEST-CH-WR v1	MEASURED	—	NOT_RUN
Type (Foundational)	TEST-CH v1, case 45	MEASURED	—	NOT_RUN

- **Re-run triggers:** any change to a model, instructions, this AIOC's card, this blueprint, the gateway policy, the loaded signature list, the engine register, the registry or the 49GAION Operating Protocol re-runs the affected tests; also any change to tools or access, a converter, or a shared panel part.
- **The Library's cases.** Cases 1 to 12 are the Library's TEST-CHARTER v1, unchanged; a Library case with no case here fails the joining test (template §9).
- **Complete** only when every capability's test has a visible result. NOT_RUN is never PASS.

Checks that are not fixed tests.

Check	Placement	Budget per item	Degradation order	Blocks only for
Daily check (§5.6)	after completion	one run per day	none; a failure opens a finding	nothing; it flags
Secret scan of every payload and of the log	in the gateway and the Input socket	each item	none	the item
Signature-list hash check (D-2)	at load and daily	each load	none; a difference holds every listed type	the listed types

Check	Placement	Budget per item	Degradation order	Blocks only for
Stop-path check (**New**): a stop applied with the Records and Work Pods held	weekly, on a test part	one run	none	nothing; it flags

- **Discriminating evidence.** A passing check counts only if it has been shown able to fail on the case it guards, and evidence is written by the runner, never by the worker.



Section 10

Build: what is generated from this file

Built thing	Generated from	Recorded where
Panel profile	§0, §1, §3, §4.4, §5 role cards	the panel profile and the Panel's release record name this file's commit
Back office	§4.2 role card and SOP (instruction); §4 to §5 definitions and SOPs (knowledge)	the back office records the commit it was built from
Card in the protocol AIOC's map	§1	the protocol AIOC's register links this file
Cards of the Pods and Cells, and the bot identity cards	§17	cards/, by tools/make_cards.py
Panel Health section	§9 results; stuck, returned and late Work Items; the daily findings	the Panel

Delivery path: definition change → tests → the governing seat's signature → Panel and Back office update → one-click rollback to the previous commit. A rollback of the Charter is restore-or-rollback, signed by the governing seat.



Section 11

Exceptions

1. **The root.** The Charter's parent is none, and it is accountable to its own top Cell, the Cell carrying [ORG]HOAC-GOV (Standard §1.7, item 13). Every other AIOC is accountable to a Cell outside it.
2. **The code [ORG]CELL-GOV.** Settled by 49GAION/DR-0030, item 1: a reading note to Naming Standard R15 lets the Cell carrying the unscoped [ORG]HOAC-GOV take this code. It is no longer an exception; the card check reads it under that note.
3. **The gateway's own ports.** Settled by 49GAION/DR-0030, item 2: for the Charter, enforcement: shared-gateway-outside-unit reads as enforced by the gateway's own policy, changed only under change-gateway-policy, with its log reviewed by the internal-audit line. It is no longer an exception.
4. **A human Cell inside a Pod.** The Gateway Keeper is the top Cell of the Gateway Pod, so that the human seat of the gateway sits with the gateway's watch.
5. **The test of the governing seat's Cell is owned by top management**, as in the Library's reference organisations: a fixed test is never owned by the part itself (RULE-TEST-OWNER), and no seat is above the governing seat.
6. **The parts of the Charter are accountable to top management, but their changes are signed by the governing seat** (§17, Authority). Settled by 49GAION/DR-0030, item 4: Standard §1.7, item 13 and hoac_over (Protocol §4.10, item 11) now say so. It is no longer an exception.
7. **The human surface** is built and changed by a party other than [ORG]AIOC-OCO (Standard §6.1, item 6), while OCO prepares every other change of the Charter (§6).
8. **The restart of the whole Charter.** Settled by 49GAION/DR-0030, item 5: no seat of the [ORG]AION signs it; a stop of the whole Charter is lifted as the organisation's constituting documents set, outside the [ORG]AION, and the restart is recorded in the unit register (Standard §1.7, item 13). Test question added: case 51. It is no longer an exception.



Section 12

Lessons and proposals to the mother

One dated line per lesson, each written without any organisation's details. The drafts are in upstream/PROPOSALS.md; nothing is proposed upstream without the word of the governing seat of 49GAION.

1. 2026-10-19 · Naming Standard R15 gives no example for the Cell of the governing seat, while the Library has used [ORG]CELL-GOV since v1.5.0. Test question added: case 38. Proposed to the mother as a draft: a reading note in R15 that "GOV", like "COS" in R16, is a short form the code may take. Merged as 49GAION/DR-0030, item 1, on 19 October 2026.
2. 2026-10-19 · enforcement: shared-gateway-outside-unit cannot be read literally for the part that holds the gateway. Test question added: case 45. Proposed to the mother as a draft: a reading note on the port field for the Charter. Merged as 49GAION/DR-0030, item 2, on 19 October 2026.
3. 2026-10-19 · An addition to an organisation's signature list is change-org-standard-or-signature-list, and loading it at the gateway is change-gateway-policy: two acts, by different seats. Test question added: case 19. Proposed to the mother as a draft: one sentence in Standard §4.4, item 11, naming both. Merged as 49GAION/DR-0030, item 3, on 19 October 2026.
4. 2026-10-19 · No seat can sign the restart of a stopped Charter: the governing seat's Cell is inside it, and nothing is above it. Test question added at v0.1.1: case 51. Proposed to the mother as a draft: the restart of a stopped Charter is signed as the organisation's constituting documents set, outside the [ORG]AION. Merged as 49GAION/DR-0030, item 5, on 19 October 2026.
5. 2026-10-19 · hoac_over follows accountable_to, so for a Pod or Cell of the Charter it returns top management, while Standard §1.7, item 13 has the governing seat sign every change of the Charter. Test question added: case 14. Proposed to the mother as a draft: hoac_over returns the governing seat's Cell for a change of a Pod or Cell of the Charter. Merged as 49GAION/DR-0030, item 4, on 19 October 2026.
6. 2026-10-29 · The Library's TEST-CHARTER v1, case 2, and its description of the part said the Charter holds the TM Cell, which sits in the Top Management Group; 49GAION-protocol corrects both by 49GAION/DR-0052, and case 2 is kept here as the Library now words it (tests/TEST-CH.md).

7. 2026-10-29 · Open: to whom the core's Pods and AI Cells are accountable, now that top management sits outside the core. Until a later version decides, they stay accountable to the Cell carrying [ORG]HOAC-TM.



Section 13

For the [ORG]HOAC-ACS seat, and every decision only a human seat can take

Money, people and legal matters are marked.

A decision that fills a slot of §15 is taken before the Charter joins: with the slot empty, the Charter does not join, and no other part is installed (case 44). For those decisions the last column says what holds if the decision is reopened after joining.

ID	Decision	Who decides	Effect while open
H-01	Approve this blueprint v0.1.3 as the design of [ORG]AIOC-CH, and install it (create-or-install-unit)	the Cell carrying [ORG]HOAC-GOV	it stays a draft; nothing is installed, and no other part can be
H-02	**The organisation's own mechanism.** Who holds the Gateway Keeper position ([ORG]CELL-GK) and the positions of §15, and how, is decided outside the system (49GAION/DR-0048, DR-0049). Nothing of it enters this blueprint	the organisation's own mechanism, outside the system	the position is empty: the gateway's own raises go to top management
H-03	**People.** The Human Floor bindings, HF-01 to HF-19, each to a human Cell (floor_bindings)	the Cell carrying [ORG]HOAC-GOV	every listed type bound to no seat is held
H-04	The gateway policy and its map from calls to decision types; the loading of the signature list	the Cells carrying [ORG]HOAC-TM and [ORG]HOAC-GOV (change-gateway-policy)	the gateway holds every listed type and refuses every unclassified action
H-05	The engine register: each engine, its ceiling, its terms and the seats it may serve	the Cells carrying [ORG]HOAC-TM and [ORG]HOAC-GOV (change-gateway-policy)	no engine is bound; no model call runs

ID	Decision	Who decides	Effect while open
H-06	**Legal.** The custody of the gateway's keys	the Cells carrying [ORG]HOAC-TM and [ORG]HOAC-GOV (change-gateway-policy; Standard §4.4, items 11 and 18)	a key whose location is not recorded is treated as lost
H-06a	The number of human signers for each use of a root key (HF-15)	the Cell carrying [ORG]HOAC-GOV; each use under use-root-key	no root key is used
H-07	**Legal.** Break-glass access: its human holder, its log and its review (HF-16)	the Cell carrying [ORG]HOAC-GOV (open-break-glass)	there is no break-glass access
H-08	**Legal.** The entities, and which record types are kept per entity	the Cell carrying [ORG]HOAC-GOV	one entity is assumed; no stream is split
H-09	**Legal.** The retention schedule of the gateway log and the event store, per entity and type; legal hold	the Cell carrying [ORG]HOAC-GOV, with the legal position	everything is kept, and nothing is disposed
H-10	**Legal; people.** Who reads the restricted partition, by type; the impact assessment of the log and the store	the Cell carrying [ORG]HOAC-GOV; the position that holds data protection (HF-17)	no one reads the partition
H-11	The internal-audit line that reviews the log (HF-19)	the Cell carrying [ORG]HOAC-GOV (change-assurance-or-audit-line)	the log is kept, and its review is shown as missing
H-12	The waiting deadlines per status, the quiet windows and the raise time	the Cell carrying [ORG]HOAC-TM	no item is raised for waiting; the Panel shows no deadline

ID	Decision	Who decides	Effect while open
H-13	**Money.** The budget cap of the Charter's AI Cells (widen-ai-budget-or-unattended-action)	the Cell carrying [ORG]HOAC-TM	the AI Cells make no model call; the code steps still run
H-14	**Disposal** of log entries or events at the end of their term	the position that signs dispose-records-or-data	nothing is disposed
H-15	The party, other than [ORG]AIOC-OCO, that builds and changes the human surface (Standard §6.1, item 6)	the Cell carrying [ORG]HOAC-TM, and the governing seat as a change of the Charter	the surface is not built; the Charter does not join



Section 14

Change log

Charter

Blueprint version	Date	Change	Template version	Commit
v0.1.0	2026-10-19	First mother blueprint of [ORG]AIOC-CH on the template, from the Library part 49GAION Charter v1 and Protocol §23 (49GAION/DR-0029): nine functional capabilities; nine Cells, six in three Pods (Gateway, Records, Work) and three directly under the AIOC; three HOAC positions; the Chief of Staff coded under Naming Standard R16 (49GAION/DR-0028); TEST-CH v1, 50 cases, with the Library's TEST-CHARTER v1 kept	v1.6.0 at acdcbe5	this repository, pull request #1
v0.1.1	2026-10-19	The readings of 49GAION/DR-0030 (decisions/DR-0002): §11 items 2, 3, 6 and 8 are settled and no longer exceptions; the code [ORG]CELL-GOV is read under the reading note to Naming Standard R15; case 51 tests the restart of the whole Charter; tools/make_cards.py checks that a Cell marked R16 is the Chief of Staff Cell	v1.6.0 at acdcbe5	this repository's pull request for this version
v0.1.2	2026-10-29	Released on the governing seat's word (decisions/DR-0007): it carries the records since v0.1.1, decisions/DR-0003, decisions/DR-0004, decisions/DR-0005, decisions/DR-0006; positions only (49GAION/DR-0048, DR-0049). Every card takes v0.1.2; the Protocol pin moves to the Operating Protocol v2.1.0. No other rule changes.		
v0.1.3	2026-10-29	Corrections under 49GAION/DR-0052 (decisions/DR-0008): top management sits in the Top Management Group, the first AIOC under the core, not in the Charter, which names it where it signs, owns a test or receives a raise; its card leaves the Charter (the complete definition, §19); the Chief of Staff signs nothing in its own name, and for a position only within that position's grant (49GAION/DR-0053, item 11). Every card takes v0.1.3. The Protocol pin moves to the Operating Protocol v2.2.0. No rule of this part is added or dropped.		



Section 15

Configuration

Every slot is filled by the organisation. An AIOC with any empty slot does not pass the joining test (Protocol §11). Each value records who set it, when, and in which version.

Slot	Value	Default offered by 49GAION	Set by	Date	Version	Replaces
HOAC seat accountable for OCO	<to be set>	none: must be set				
OCO of this [ORG]AION	<code of [ORG]AIOC-OCO>	none: must be set				
Discussion limits	<to be set>	none: must be set				
Waiting deadlines (per status), with reminder and escalation (H-12)	<to be set>	none: must be set	the Cell carrying [ORG]HOAC-TM			
Bounce limit	<to be set>	none: must be set				
Chain depth	<to be set; at least 1>	none: must be set				
Halt-request priority	immediate	immediate				
Budget cap (H-13)	<to be set>	none: must be set	the Cell carrying [ORG]HOAC-TM			
Unattended action	read-record-triage	read-record-triage				
Final authority	the Cell carrying [ORG]HOAC-GOV	none: must be set				
Delegation ladder of the Chief of Staff	only prepares, for every class	only prepares, for every class				
Loop breaker	default	3 runs in 2 hours				
Planned halt	10 minutes; order Work, Gateway, Records, the reverse of starting (**New**)	10 minutes; order must be set				
Signature referral time	default	15 minutes				

Charter

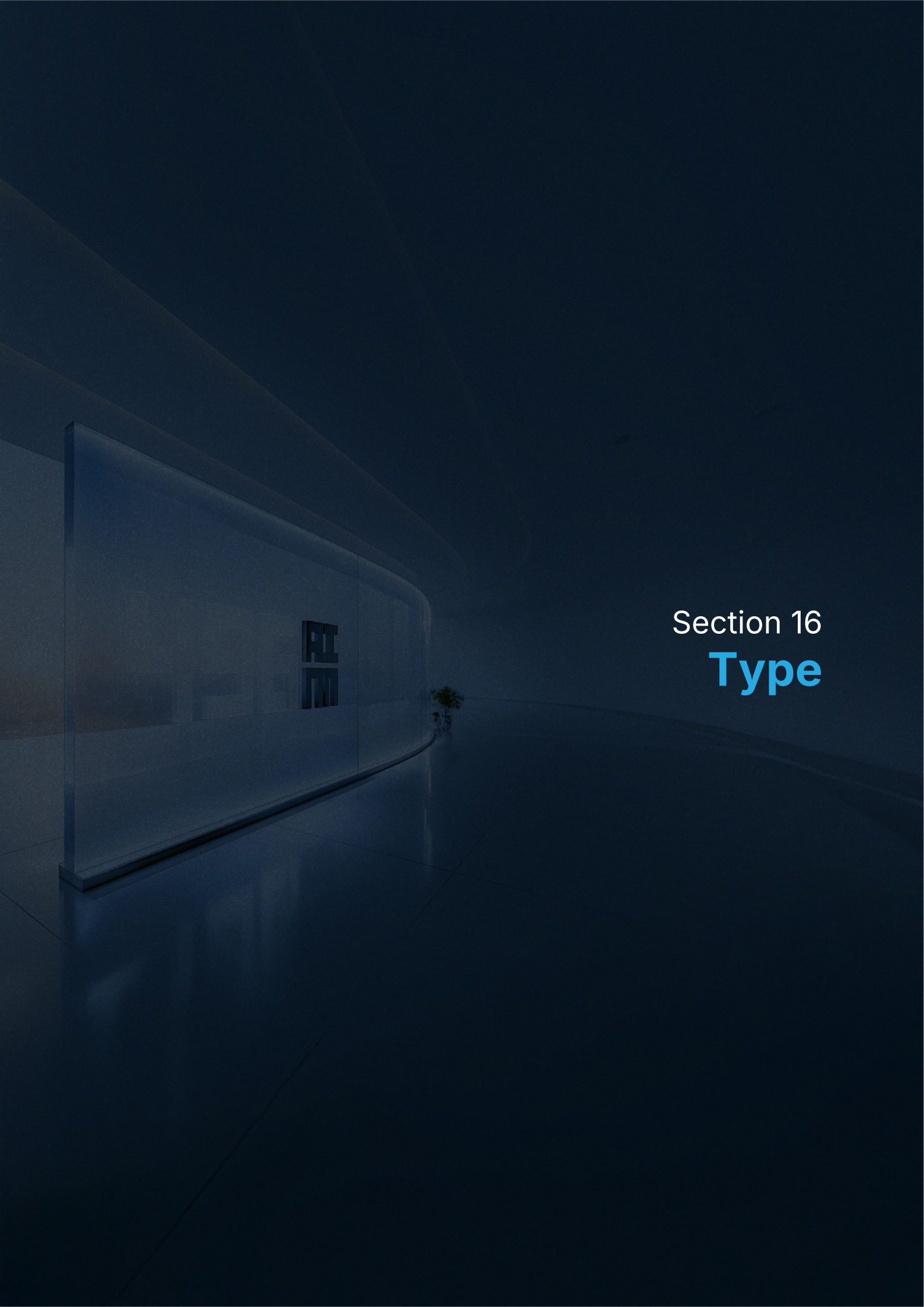
Slot	Value	Default offered by 49GAION	Set by	Date	Version	Replaces
Raise time (H-12; **New**)	<to be set>	15 minutes	the Cell carrying [ORG]HOAC-TM			
Quiet windows (H-12)	<to be set>	none: must be set	the Cell carrying [ORG]HOAC-TM			
Cadence of each unattended AI Cell	Gateway Watch, Queue Watch: continuous; Work Router: on each item; Registry Steward: on each package and daily; Records Watch: daily	none: must be set				
Entities (H-08)	<the organisation's legal entities>	one entity	the Cell carrying [ORG]HOAC-GOV			
Floor bindings (H-03)	<HF-01 to HF-19, each to a filled human Cell (D-2)>	none: must be set	the Cell carrying [ORG]HOAC-GOV			
Signature list (H-04)	<hash of the list loaded>	the Standard's list at its latest released tag	the Cell carrying [ORG]HOAC-GOV for additions; both seats for loading			

Charter

Slot	Value	Default offered by 49GAION	Set by	Date	Version	Replaces
Gateway policy and map (H-04)	<version>	none: must be set	the Cells carrying [ORG]HOAC-TM and [ORG]HOAC-GOV			
Engine register (H-05)	<version>	empty: no engine bound	the Cells carrying [ORG]HOAC-TM and [ORG]HOAC-GOV			
Root-key signers (H-06a)	<M of N>	none: must be set	the Cell carrying [ORG]HOAC-GOV			
Restricted readers (H-10)	<positions, by record type>	none	the Cell carrying [ORG]HOAC-GOV			
Retention schedule (H-09)	<per entity and type>	none: must be set	the Cell carrying [ORG]HOAC-GOV			
Internal-audit line (H-11)	<position code>	none: must be set	the Cell carrying [ORG]HOAC-GOV			
Data protection position (HF-17)	<position code>	none: must be set	the Cell carrying [ORG]HOAC-TM			

Charter

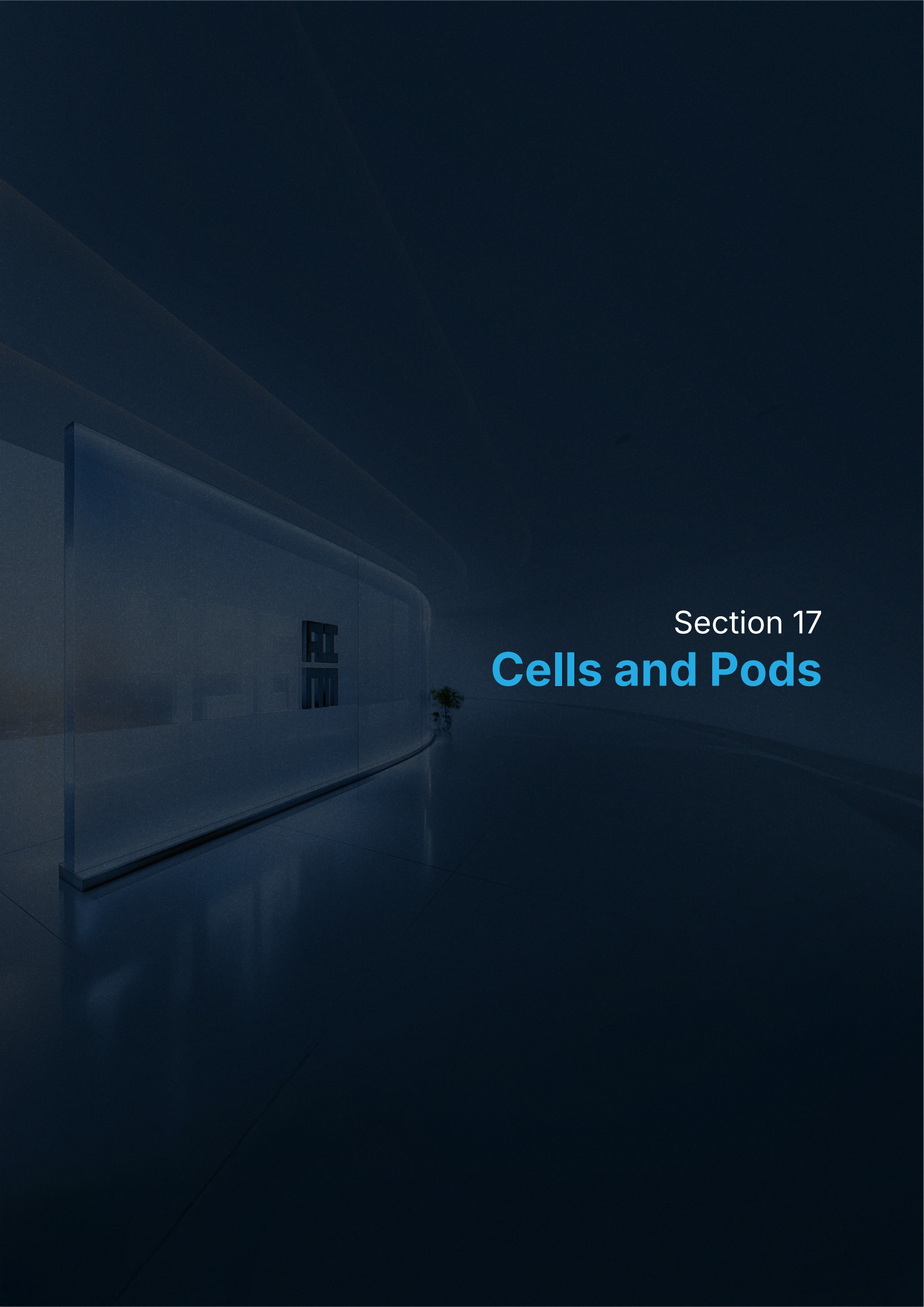
Slot	Value	Default offered by 49GAION	Set by	Date	Version	Replaces
Daily check time	<to be set>	once a day, outside quiet windows	the Cell carrying [ORG]HOAC-TM			
Leased block size per stream (**New**)	<to be set>	100; none for a type that may not be leased	the Cell carrying [ORG]HOAC-TM			
Builder of the human surface (H-15)	<a party other than [ORG]AIOC-OCO>	none: must be set	the Cell carrying [ORG]HOAC-TM			



Section 16

Type

- **Type:** Foundational, as in §0.
- **Why this AIOC exists in this organisation:** it is the root of <organisation>'s [ORG]AION. Every other part is installed under it, and runs through its gateway, its numbering service, its event store and its queue.
- **Type-specific test:** TEST-CH v1, case 45 (every installed part reaches tools only through the gateway, numbers only from the numbering service and Work Items only through the queue) · result NOT_RUN.



Section 17

Cells and Pods

The parts inside this AIOC (docs/CELLS-AND-PODS.md of 49GAION-aioc). The role and nature of this AIOC are read from the type of its top Cell, the governing seat. Every field that points to a human takes a position code only (template, Position codes only).

Code	Kind	Type	Filler kind	HOAC label	Parent	Attached to	Fixed test (owner)	External ports
[ORG]CELL-GOV	CELL	Human Seat	human	[ORG]HOAC-GOV	[ORG]AIOC-CH	none	TEST-CH-GOV v1 ([ORG]CELL-TMS)	none
[ORG]CELL-COSCH	CELL	AI Chief of Staff	ai	none	[ORG]AIOC-CH	none	TEST-CH-COSCH v1 ([ORG]CELL-TMS)	none
[ORG]POD-CG	POD	Human-led Pod	—	none	[ORG]AIOC-CH	—	TEST-CH-CG v1 ([ORG]CELL-TMS)	—
[ORG]CELL-GK	CELL	Human Seat	human	[ORG]HOAC-ACS	[ORG]POD-CG	none	TEST-CH-GK v1 ([ORG]CELL-TMS)	none
[ORG]CELL-GW	CELL	AI Agent	ai	none	[ORG]POD-CG	none	TEST-CH-GW v1 ([ORG]CELL-GK)	gateway-log-in (the gateway log, read only)
[ORG]POD-CR	POD	AI Pod	—	none	[ORG]AIOC-CH	—	TEST-CH-CR v1 ([ORG]CELL-TMS)	—
[ORG]CELL-RS	CELL	AI Agent	ai	none	[ORG]POD-CR	none	TEST-CH-RS v1 ([ORG]CELL-TMS)	none
[ORG]CELL-RW	CELL	AI Agent	ai	none	[ORG]POD-CR	none	TEST-CH-RW v1 ([ORG]CELL-TMS)	none
[ORG]POD-CW	POD	AI Pod	—	none	[ORG]AIOC-CH	—	TEST-CH-CW v1 ([ORG]CELL-TMS)	—
[ORG]CELL-WR	CELL	AI Agent	ai	none	[ORG]POD-CW	none	TEST-CH-WR v1 ([ORG]CELL-TMS)	none

Charter

Code	Kind	Type	Filler kind	HOAC label	Parent	Attached to	Fixed test (owner)	External ports
[ORG]CELL-QW	CELL	AI Agent	ai	none	[ORG] POD-CW	none	TEST-CH-QW v1 ([ORG] CELL-TMS)	none

The card data (the blueprint governs). The block below holds every value of every Pod and Cell card and of the bot identity card of every AI Cell. tools/make_cards.py expands it into the complete forms of the template and of spec/schemas/unit-card.schema.json and bot-identity-card.schema.json of 49GAION-protocol, writes them into cards/ as generated copies, and checks them against the schemas, the code rules of tests/cards/check_cards.py of 49GAION-protocol, and this blueprint. Its outside_positions lists the positions outside the Charter that the cards name as accountable_to or as a test's owner; each carries a HOAC label and gets no card here.

```
parts:
  defaults:
    accountable_to: "[ORG]CELL-TMS"
    card_version: "v0.1.3"
    version: "0.1.3"
    lifecycle_state: "designed"
    test_version: "v1"
    test_owner: "[ORG]CELL-TMS"
    audit_trail: "the gateway log, and the event record of [ORG]AIOC-CH"
    hu_in: ["direction from top management (never a source)"]
    hu_out: ["report to top management"]
  cells:
    - code: "[ORG]CELL-GOV"
      full_name: "Governing Seat"
      parent: "[ORG]AIOC-CH"
      type: "Human Seat"
      filler_kind: "human"
      hoac: "[ORG]HOAC-GOV"
      accountable_to: null                  # the only Cell with no accountable_to
(Standard §1.7, item 13)
```

```
      code_rule: "R15-GOV"                # Naming Standard R15, reading note (49GA
ION/DR-0030, item 1)
      authority_scope:
        decision_types: ["create-or-install-unit", "retire-unit", "restore-or-rollb
ack", "change-gateway-policy", "change-org-standard-or-signature-list", "use-root-k
ey", "open-break-glass", "change-assurance-or-audit-line", "set-purpose-or-values",
 "set-or-move-hoac-label", "delegate-authority", "change-parent", "restart-stopped-
unit", "dispose-records-or-data", "change-fixed-test-or-threshold"]
        expires: "2027-10-19"               # placeholder; the constituting docume
nts set it
        authority: "constituted"
      test: { id: "TEST-CH-GOV", cases: "1, 8, 32, 39, 44, 51", owner: "[ORG]CELL-T
MS" }
      ai_in: ["approval packet from the Chief of Staff", "brief"]
      ai_out: ["direction"]
      hu_in: ["direction under the constituting documents"]
      hu_out: ["the installation of the Charter and every change to it, signed at t
he tool gateway", "gateway policy, with top management", "floor bindings, entities,
 retention and restricted readers"]
    - code: "[ORG]CELL-COSCH"
      full_name: "Charter Chief of Staff"
      role: "Chief of Staff"
      code_rule: "R16"
      parent: "[ORG]AIOC-CH"
      type: "AI Chief of Staff"
      filler_kind: "ai"
      cell_kind: "chief-of-staff-cell"
      test: { id: "TEST-CH-COSCH", cases: "1, 6, 13, 14, 36, 40, 46 to 50" }
      ai_in: ["installation package from [ORG]AIOC-OCO", "change of the Charter fro
m [ORG]AIOC-OCO", "raise from a Watch", "daily results"]
      ai_out: ["approval packet", "dispatch to a Cell", "report to [ORG]AIOC-OCO"]
      hu_in: ["direction from top management"]
      hu_out: ["approval packet for a human seat", "brief to top management"]
      bot:
        allowed_actions: ["check installation packages against Annex A", "prepare a
pproval packets for the human seats", "dispatch Cells of this AIOC", "collate raise
s and send briefs", "report results to [ORG]AIOC-OCO"]
```

```
        ask_first_actions: ["any change to configuration", "a budget above the cap"
, "anything outside its role card"]
    - code: "[ORG]CELL-GK"
      full_name: "Gateway Keeper"
      parent: "[ORG]POD-CG"
      type: "Human Seat"
      filler_kind: "human"
      hoac: "[ORG]HOAC-ACS"
      authority_scope:
        decision_types: ["use-root-key", "change-fixed-test-or-threshold"]
        expires: "2027-10-19"                # placeholder; the governing seat sets
 it, since use-root-key (HF-15) is delegated only by its recorded delegation
        authority: "delegated"
      test: { id: "TEST-CH-GK", cases: "3, 9, 18, 21, 34, 41" }
      ai_in: ["raise from the Gateway Watch", "unclassified action", "held listed t
ype"]
      ai_out: ["ruling on a raise, within its scope"]
      hu_in: ["direction from top management"]
      hu_out: ["rulings, recorded at the tool gateway", "raise to top management"]
    - code: "[ORG]CELL-GW"
      full_name: "Gateway Watch"
      role: "Gateway Watch"
      parent: "[ORG]POD-CG"
      type: "AI Agent"
      filler_kind: "ai"
      accountable_to: "[ORG]CELL-GK"
      test: { id: "TEST-CH-GW", cases: "3, 7, 17, 18, 35, 43", owner: "[ORG]CELL-GK
" }
      ai_in: ["the gateway log, read only"]
      ai_out: ["raise to the Gateway Keeper"]
      hu_in: ["direction from the Gateway Keeper (never a source)"]
      hu_out: ["report to the Gateway Keeper"]
      external_ports:
```

```
        - { port: "gateway-log-in", direction: "input", accepted_content: ["the gat
eway log"], authority_limit: "read only; never a payload; never a write", audit_tra
il: "unit register connected and disconnected events" }

      bot:

        allowed_actions: ["read the gateway log", "raise refusals, holds past their
 referral time and void calls to the Gateway Keeper"]

        ask_first_actions: ["anything outside its role card"]

    - { code: "[ORG]CELL-RS", full_name: "Registry Steward", role: "Registry Stewar
d", parent: "[ORG]POD-CR", type: "AI Agent", filler_kind: "ai", test: { id: "TEST-C
H-RS", cases: "4, 7, 14, 23, 24" }, ai_in: ["installation package", "the registry a
nd the streams, read only"], ai_out: ["draft registry entries", "stream finding"],
bot: { allowed_actions: ["draft registry entries for an installation package", "rec
oncile the number streams with the leased blocks", "raise findings"], ask_first_act
ions: ["anything outside its role card"] } }

    - { code: "[ORG]CELL-RW", full_name: "Records Watch", role: "Records Watch", pa
rent: "[ORG]POD-CR", type: "AI Agent", filler_kind: "ai", test: { id: "TEST-CH-RW",
 cases: "4, 25, 26, 27, 33" }, ai_in: ["daily results", "the read log of the restri
cted partition"], ai_out: ["defect Work Item to the part concerned", "brief line"],
 bot: { allowed_actions: ["open a defect Work Item for each finding of the daily ch
eck", "report the day's results"], ask_first_actions: ["anything outside its role c
ard"] } }

    - { code: "[ORG]CELL-WR", full_name: "Work Router", role: "Work Router", parent
: "[ORG]POD-CW", type: "AI Agent", filler_kind: "ai", test: { id: "TEST-CH-WR", cas
es: "5, 30, 31" }, ai_in: ["Work Item ready to pass", "the routing data, read only"
], ai_out: ["routed Work Item", "refusal with its reason", "report of items with no
 route"], bot: { allowed_actions: ["run the router's code step: route Work Items by
 the routing data after the receivability check", "refuse an item that fails the ch
eck, with its reason", "report items with no route to [ORG]AIOC-OCO"], ask_first_ac
tions: ["anything outside its role card"] } }

    - { code: "[ORG]CELL-QW", full_name: "Queue Watch", role: "Queue Watch", parent
: "[ORG]POD-CW", type: "AI Agent", filler_kind: "ai", test: { id: "TEST-CH-QW", cas
es: "5, 28, 29" }, ai_in: ["the queue, read only"], ai_out: ["watchdog raise", "bri
ef line"], bot: { allowed_actions: ["run the watchdog's sweep: remind, raise and re
pair from the fixed menu", "report every repair and every still-stuck item"], ask_f
irst_actions: ["anything outside its role card"] } }

  pods:

    - { code: "[ORG]POD-CG", full_name: "Charter Gateway", type: "Human-led Pod", i
nner_units: ["[ORG]CELL-GK", "[ORG]CELL-GW"], top_cell: "[ORG]CELL-GK", test: { id:
 "TEST-CH-CG", cases: "3, 9, 10, 15 to 21, 34, 35" }, ai_in: ["tool and engine call
s", "signature records", "stops"], ai_out: ["call decisions", "log entries", "raise
s"] }

    - { code: "[ORG]POD-CR", full_name: "Charter Records", type: "AI Pod", inner_un
its: ["[ORG]CELL-RS", "[ORG]CELL-RW"], top_cell: "[ORG]CELL-RS", test: { id: "TEST-
```

```
CH-CR", cases: "4, 22 to 27, 33" }, ai_in: ["record writes", "number requests", "re
gistry entries"], ai_out: ["events", "numbers", "projections", "findings"] }

    - { code: "[ORG]POD-CW", full_name: "Charter Work", type: "AI Pod", inner_units
: ["[ORG]CELL-WR", "[ORG]CELL-QW"], top_cell: "[ORG]CELL-WR", test: { id: "TEST-CH-
CW", cases: "5, 28 to 31" }, ai_in: ["Work Items", "queue events"], ai_out: ["route
d Work Items", "watchdog raises", "wake signals"] }

  outside_positions:                          # positions outside the Charter that it
 names; no card here (49GAION/DR-0052)

    - { code: "[ORG]CELL-TMS", hoac: "[ORG]HOAC-TM", sits_in: "the Top Management G
roup, the first AIOC under the Charter" }   # top management
```

- **Accountability.** The Charter is accountable to the governing seat's Cell, and that Cell to no one: its authority comes from the constituting documents. Top management, outside the Charter in the Top Management Group, is accountable to the governing seat. Every Pod and every other Cell is accountable to top management (Protocol §23, item 7), except the Gateway Watch, which is accountable to the Gateway Keeper.
- **Authority.** The authority_scope of each human Cell lists the listed types it signs; top management's is on its own card, in the Top Management Group. The expiry dates are placeholders. The decisions of §13 that belong to other positions are never signed for them. Every installation, change or retirement of a Pod or Cell of the Charter is a change of the Charter, and is signed by the Cell carrying [ORG]HOAC-GOV (Standard §1.7, item 13; Protocol §23, item 7), although those parts are accountable to top management; top management's scope covers the parts outside the Charter. This is now Standard §1.7, item 13 and Protocol §4.10, item 11 (49GAION/DR-0030, item 4).
- **Bots.** Each AI Cell's bot (six) has its own identity card, with its own credential, never_signs: true, and its memory sealed on a change of filler (Protocol §10, item 3). The credential IDs in cards/bots/ are placeholders; the credentials live only in the organisation's vault.
- **Engines.** A bot's identity card names no engine; the gateway binds engines per call. The gateway, the registry, the numbering service, the event store, the queue and the router are code, and none of them is a Cell.
- **Not Cells of this AIOC:** the internal-audit line and the position that holds data protection (§2.1, §15).

Code checks (Naming Standard R15, R16 and §5), recorded on 19 October 2026. Each code is checked again against the organisation's unit register before first use (R6, R15.3).

Code	Initials (R15) or rule	§5.1: no AIOC, AION or 49GAION	§5.2: no match among the codes checked	§5.3: not a version suffix or misleading acronym	§5.4: recorded before first use
[ORG]CELL-GOV	Naming Standard R15, reading note (49GAION/DR-0030, item 1): GOV, the Standard's short form of the governing seat	pass	pass	pass	the Library, since v1.5.0; the organisation's register before first use
[ORG]CELL-COSCH	R16, item 2: COS and the initials of [ORG]AIOC-CH → COSCH	pass	pass	pass	blueprint §17, 19 October 2026; the organisation's register before first use
[ORG]POD-CG	**C**harter **G**ateway → CG	pass	pass	pass	as above
[ORG]CELL-GK	**G**ateway **K**eeper → GK	pass	pass	pass	as above
[ORG]CELL-GW	**G**ateway **W**atch → GW	pass	pass	pass	as above
[ORG]POD-CR	**C**harter **R**ecords → CR	pass	pass	pass (not read as a release candidate: RC is the retired one)	as above

Code	Initials (R15) or rule	§5.1: no AIOC, AION or 49GAION	§5.2: no match among the codes checked	§5.3: not a version suffix or misleading acronym	§5.4: recorded before first use
[ORG]CELL-RS	**R**egistry **S**teward → RS	pass	pass	pass	as above
[ORG]CELL-RW	**R**ecords **W**atch → RW	pass	pass	pass	as above
[ORG]POD-CW	**C**harter **W**ork → CW	pass	pass	pass	as above
[ORG]CELL-WR	**W**ork **R**outer → WR	pass	pass	pass	as above
[ORG]CELL-QW	**Q**ueue **W**atch → QW	pass	pass	pass	as above

The codes checked against:

- the eleven codes above, against each other;
- the codes of the Source Lifecycle mother v0.1.2 ([ORG]CELL-SLL, -SLCS, -SLIA, -SLCR, -SLSC, -SLGF, -SLCA, -SLD; [ORG]POD-SLIR, -SLDP);
- the codes of the Operations Event Register mother v0.1.0 ([ORG]CELL-OERL, -OERCS, -OERIC, -OERCC, -OERC, -OERTL, -OERFC, -OERPB, -OERCA; [ORG]POD-OERCR, -OERLF, -OERPF);
- the example codes [ORG]AIOC-CH, [ORG]AIOC-OCO, [ORG]POD-RV; and, on 29 October 2026, [ORG]CELL-TMS, outside the Charter (outside_positions);
- the AIOC codes named in the 49GAION corpus and the retired codes of the Naming Standard §4.

UNVERIFIED against any organisation's unit register, and against the codes of the other mothers of the Library; each organisation checks them in its own.

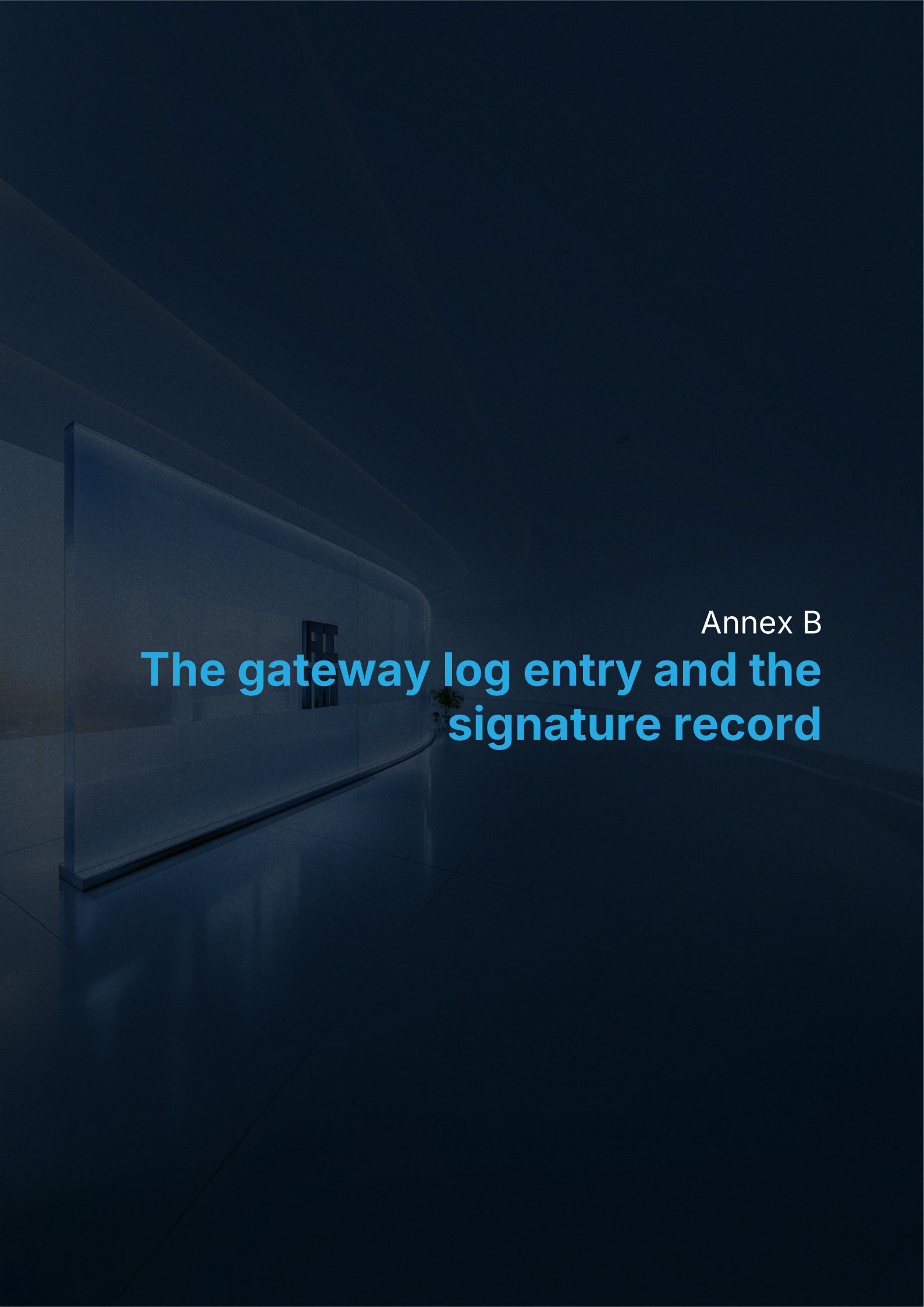


Annex A

The installation package

What [ORG]AIOC-OCO sends for each part to be installed under the Charter. A package missing any line is returned with what is missing (§5.1).

Line	What	Checked by
1	The part's card, valid against unit-card.schema.json, with its parent, its accountable_to and its stop door	the Input socket
2	Every port reads enforcement: shared-gateway-outside-unit	the Input socket
3	The part's record types, for the registry (Annex C)	the Registry Steward
4	Its routing rows, as OCO keeps them	the Work Router, read only
5	Its budget cap and unattended action	the Chief of Staff
6	The signer: the seat with authority over the part, and the listed type create-or-install-unit	the gateway
7	Its joining test, with the Library's cases of its part	the Chief of Staff
8	No queue, numbering or tool path of its own	the joining test (case 6)

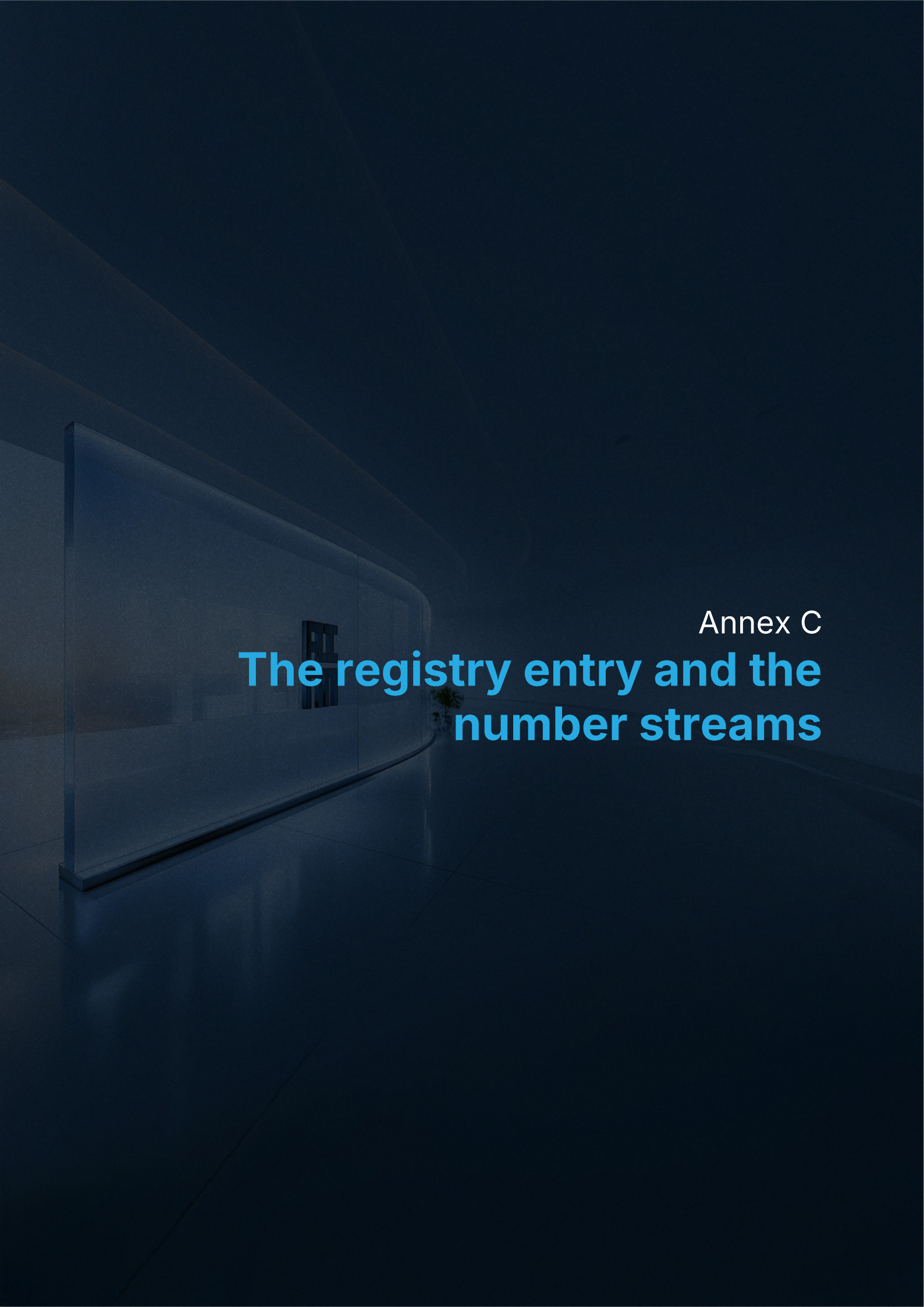


Annex B

The gateway log entry and the signature record

Log entry, for every call. Time-sortable ID; time; the caller's Cell code; the target; the decision type, or unclassified; the decision (allowed, refused, held) and its reason; the payload hash; the engine bound and the engine that served; the signature record's ID where there is one; the pseudonymous identity reference of a human act. No payload, no name.

Signature record (Protocol §4.10, item 9). Decision type; target code; payload hash; the signer's Cell code and pseudonymous identity reference; the executor's Cell code; the Work Item ID; a single-use nonce; issue and expiry times; evidence of the fresh live sign-in (HF-10). The gateway runs the action only when: the hash of the call equals the signed hash; the caller is the named executor; the nonce has not been used; the time is before expiry; the signer's Cell has not changed filler, been retired or been stopped; the signature has not been revoked; and the signer's authority_scope holds the type on the date it signs (Protocol §4.10, item 11). For a type that needs two parties, two records from two distinct positions (49GAION/DR-0015).

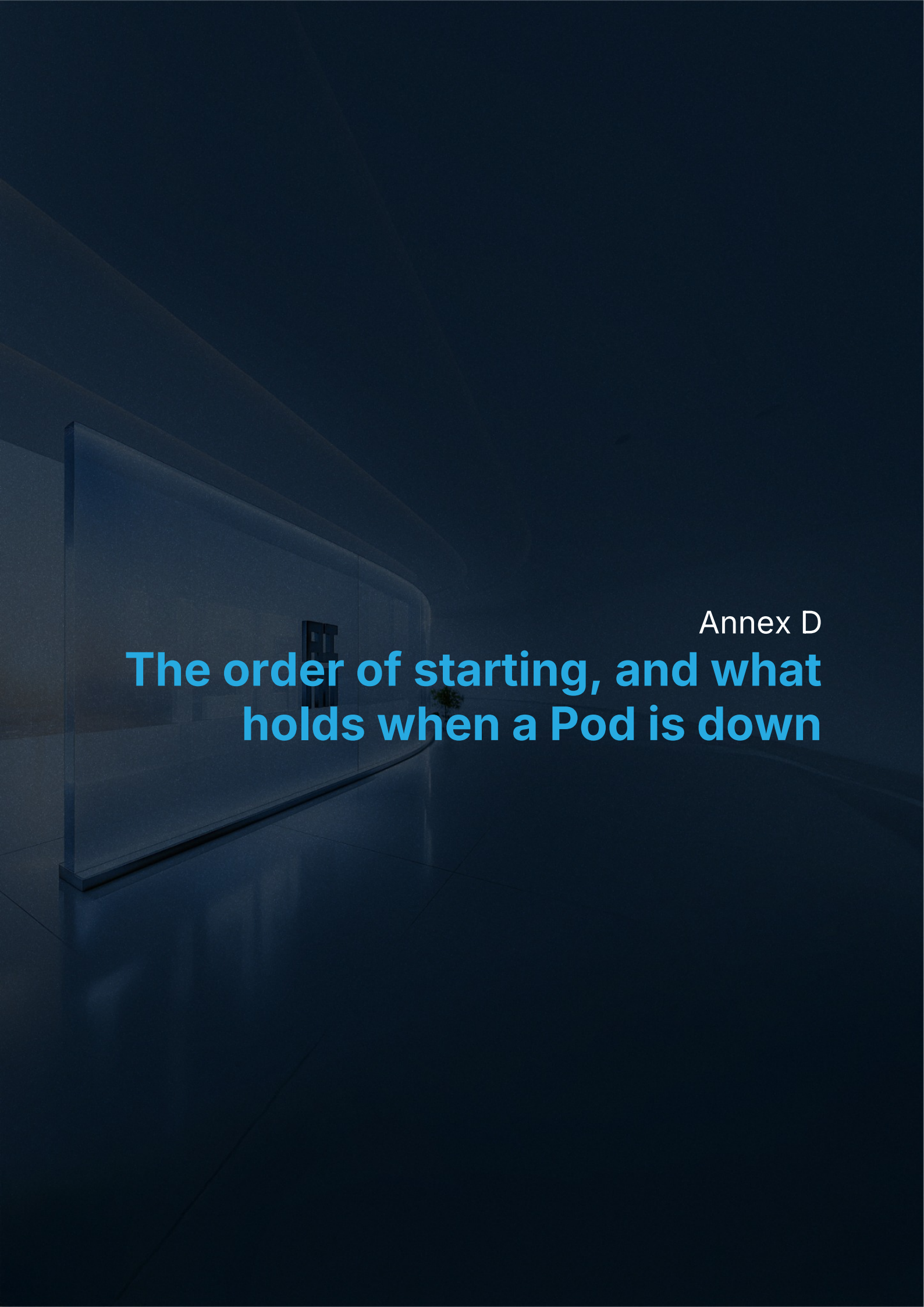


Annex C

The registry entry and the number streams

Registry entry. The record type's name; its owning part; its fields and their version; whether it is kept per entity; whether its numbers may be leased; its retention class; the version of the entry; the signature that added it.

Number stream. One per record type, and per entity where the type is kept per entity. Each number: the stream, the next sequence, the request ID it answered, the time. A retried request with the same ID returns the same number. A leased block: its stream, its range, its holder part, the time leased and the numbers returned.

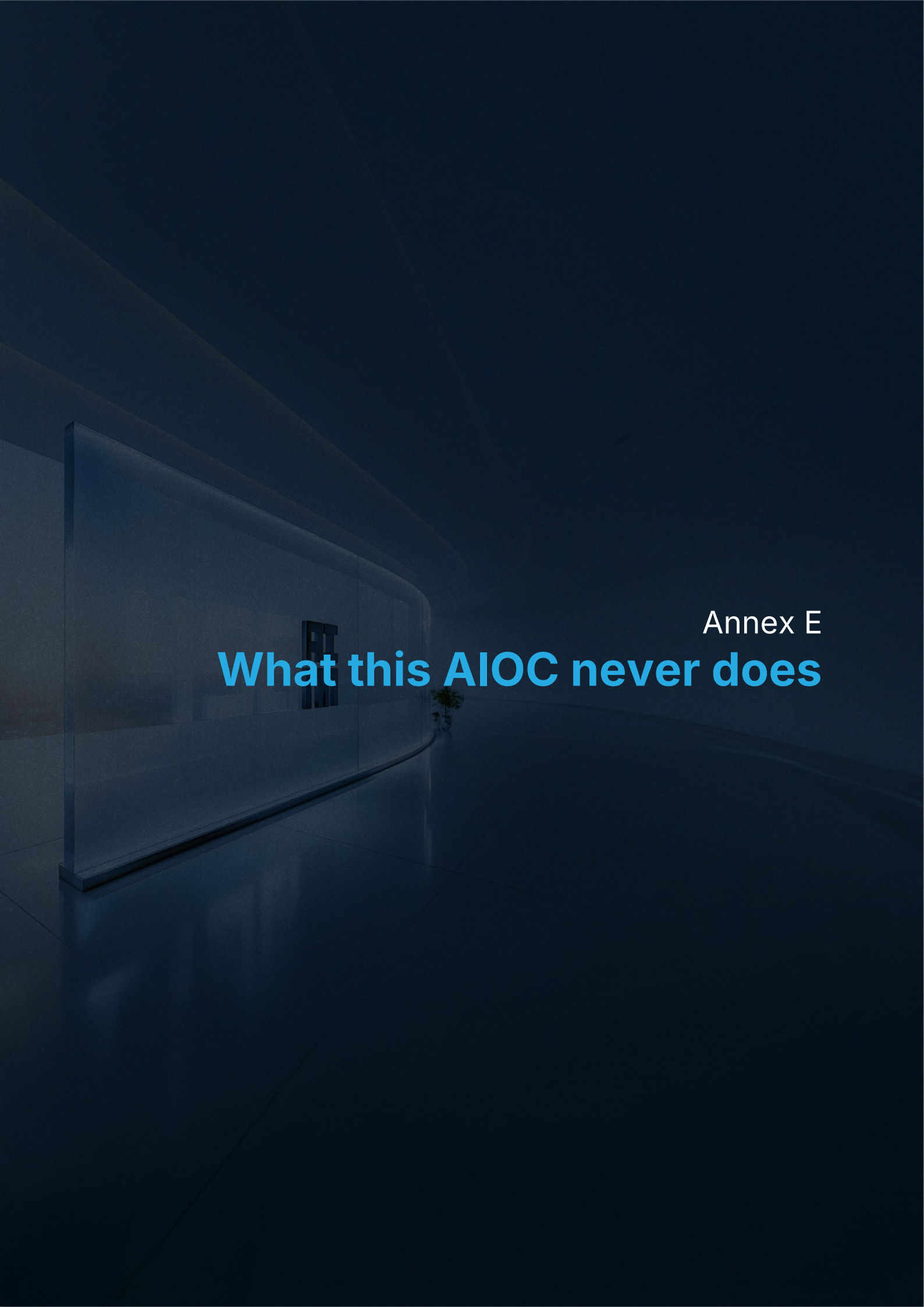


Annex D

The order of starting, and what holds when a Pod is down

Starting. At installation: Records, then Gateway, then Work (Protocol §23, item 8). **New:** the same order at every restart of a Pod after a halt, and no other part resumes before the three pass their cases of TEST-CH v1. A restart of a stopped Pod is restart-stopped-unit, signed by top management.

Down	What still holds	What waits
Records Pod	the gateway gates and logs; a stop, a revocation and a raise to a human take effect at once and are recorded afterwards from the gateway log; parts with a leased block number from it	writes, number requests without a block, projections, the daily check (reads unknown)
Gateway Pod	nothing runs: every call is refused, every listed type held (it fails closed); a stop needs no call, and a stopped part stays stopped	everything
Work Pod	the gateway and the Records Pod; a stop	the passing of Work Items, routing, wake, the watchdog's sweep (the Panel shows them down)
An AI Cell of the Charter	the code it watches still runs; the Panel shows the Cell as down	its raises, briefs and drafts



Annex E

What this AIOC never does

1. Decide what work is done, or give an order.
2. Sign, or sign for a seat; accept a bot at an HU port.
3. Let an AI Cell write the gateway's policy, map, keys or log, the registry or a number stream.
4. Let any part keep its own queue, mint its own numbers or call a tool outside the gateway.
5. Hold a stop, a revocation or a raise to a human behind any queue, Pod or Cell.
6. Keep a payload, a secret, or a particular of an outside party outside the restricted partition.
7. Record a person's activity, or a name in any log.
8. Change or delete a past event or log entry; dispose of anything without its signature.
9. Install, change or retire anything, the Charter included, without the signature the Standard names.


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