PROCESS AND POSITION DESIGN

Mother blueprint · the third stage of the design chain.

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49G Ltd.
ADGM, Abu Dhabi, UAE

Process and Position Design

Mother blueprint · the third stage of the design chain.

Release: Library · version v0.5.3, pinned by commit; no tag · status DRAFT, fixed test NOT_RUN: not yet run
Source: 49g-holding/49GAION-process-and-position-design · blueprint/PPD-BLUEPRINT.md @ d3a6c48
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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Powered by 49GAION

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

blueprint:

  aioc: "[ORG]AIOC-PPD"

  parent: "[ORG]AIOC-CH"                  # example code of the Charter; each organ
isation writes its own Charter's code (Standard §1.7, item 13)

  full_name: "Process and Position Design"

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

  type: "specialised"

  org_aion: "[ORG]AION"

  blueprint_version: "v0.5.3"

  status: "draft"

  template:

    name: "49GAION AIOC Blueprint Template"

    version: "v1.5.0, with the unreleased v1.6.0 additions on main"

    source: "github.com/49g-holding/49GAION-aioc, template/AIOC-BLUEPRINT-TEMPLATE.
md @ e89ed1d"

  mother:

    name: "49GAION Process and Position Design"

    version: "part card v2 (DRAFT)"

    source: "github.com/49g-holding/49GAION-protocol, library/cards/process-and-pos
ition-design.part-card.json and Protocol §17, items 1 to 11 (pull requests #33 and
#36); Standard §3.1, items 3 and 6 (49GAION pull requests #66 and #68; DR-0014, DR-
0018). This text is its mother blueprint"

  writing_repository: "<org>aioc-ppd"

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

  panel_register_id: "none yet"

  capabilities:

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

    functional: ["Release Intake and Returns", "Needs Requests", "Process Architect
ure", "Process Writing", "Position Shaping", "Structure", "Workload", "Operational
Walkthrough", "Independent Review", "Decision Package and Release", "Returns from D
elivery and Implementation"]
```

Blueprint · [ORG]AIOC-PPD · Process and Position Design · v0.5.3

Draft, 15 October 2026; v0.4.0, 16 October 2026, connects the chain on both sides (decisions/DR-0004): every return to the Target Operating Model now follows the Library's design return contract and always ends; each decided release is announced to Delivery and Implementation directly, and its returns come back here and end in the same way. v0.5.0, 16 October 2026, reads what the TOM release now also states (decisions/DR-0005; TOM blueprint v0.6.0, Annex H): the objectives cascade starts from its strategy frame; the critical value streams are designed first; work delivered outside becomes a hand-off, never an in-house process; today's activity profile is read for workload; priority orders the work. v0.5.1, 19 October 2026: the Chief of Staff takes its COS code [ORG]CELL-COSPPD (decisions/DR-0006). Written by [ORG]AIOC-OCO on the directions recorded in decisions/DR-0001 to decisions/DR-0005. This is the first blueprint of Process and Position Design, written for any organisation as the mother text of the Library part 49GAION Process and Position Design (Protocol §17). Every rule rests on a 49GAION text, on the blueprint of [ORG]AIOC-TOM (cited by section and version), or is new here and marked **New**. Nothing here has run. Every fixed test reads NOT_RUN.

Process and Position Design in one page

Process and Position Design (PPD) takes an organisation's decided target operating model and designs how its work runs and the positions that carry it. It is the stage after the Target Operating Model (TOM), and a part of its own.

What goes in

1. The decided TOM release, handed over directly by [ORG]AIOC-TOM, by reference and hash. PPD reads its role register first, then its value streams (which are critical), capabilities (how each is delivered), decision domains and hand-offs, and its strategy on one page, outside parties' journeys, priorities and how the work runs today.
2. The organisation's other sources, only from Source Lifecycle: the processes, procedures, policies, volumes and times it already has.

3. Answers to what the release and the sources do not say. PPD never asks a person. It asks the Chief of Staff of Source Lifecycle, who gets the answer approved and recorded.

The link with TOM goes both ways. PPD never changes the TOM release. When it finds a defect, it sends a return straight back to TOM, naming the part and the reason: cannot use, missing what; contradiction found; assumption invalid; request kind unsupported. The elements the return touches wait; the rest of the work goes on. TOM answers with a new decided release, or the organisation answers by decision, and the two go back and forth in rounds, each with a deadline. No return is left open: it ends answered, or set aside by decision and carried forward as a known defect or a decided assumption, so that PPD delivers.

The link with Delivery and Implementation works the same way. PPD tells Delivery and Implementation (DI) of each decided release at once. DI sends back what it cannot use, and PPD carries each return to an end in the same way.

What PPD does, in ten stages, processes first

1. Admit: check the request, the release and the connections.
2. Read the release: account for every role, phase, capability, decision domain and hand-off, or return it.
3. Architecture: the processes under each part of the model, in three levels, each with one owner.
4. Critical processes: choose the processes that cross parts or lie on a critical value stream, and design them first, in the order of their priority.
5. Write each process: purpose, trigger, steps in role lanes, what goes in and out of each step, the decision at each step and who decides it, exceptions and escalation, measures, volumes and step times. Each step also says when it is done, its worst error and whether it can be undone, what kind of act it is, where its input comes from and how far it is trusted, how confidential it is, and its risk, control and record.
6. Shape the positions: group the steps and decisions of each role into positions, and generate each job description from what the position holds. No job description is written by hand.

7. Structure: group the positions into units (teams, sections, departments), each with its head position and a generated charter; reporting lines, spans and layers, standing forums with charters, and the crosswalk from the organisation as it is today.
8. Workload: the work each position carries, from the volumes and step times of its processes, beside how the work runs today where the release records it.
9. Walk: test the design against realistic situations.
10. Decide and release: the organisation decides each element; the release is frozen, filed in Source Lifecycle, and Delivery and Implementation is told at once.

Each stage has one input, one output and one test that says when it is done. Critical processes are written twice, separately, by two authors of two engine families. Every stage is checked by three or more other engines before the next starts. A person, the PPD Design Lead, rules on what they still dispute.

What comes out: the PPD Release

- the process architecture and the process book;
- the decision-rights register and the authority matrix;
- the policy register;
- the controls catalogue and the segregation-of-duties check;
- the position register, with a job description and a competence profile for every position;
- the objectives cascade, from the goals and critical numbers of the decided strategy frame down to each position's measures;
- the unit register, with a generated charter for each unit;
- organisation charts, standing forums with their charters and tiers, and the review calendar;
- structure scenarios side by side, when the organisation asks for them;
- the workload of each position, its peak-load check, and the end-to-end time of each process and value stream;
- the crosswalk from today's organisation;

- the walkthrough report and the quality checks;
- the Decision Package.

Who decides. The organisation's Requesting Authority decides each element: accept, correct or reject. Silence decides nothing. PPD designs positions only (Standard §1.1, item 9). It makes no choice of what fills a position; that belongs to a later stage.

Where this blueprint stands. Fifth draft (v0.5.0 supersedes v0.4.0; v0.5.1 gives the Chief of Staff its COS code; §14). The stages, their inputs, outputs and done-tests are set (§5.0). The engine rules it shares with [ORG]AIOC-TOM (the Review Panel rule, two authors, labels, decision rules, and the receiving end of returns) are carried from the TOM blueprint v0.6.0 by section, not copied (§5.9; Annex E). The decisions only a human seat can take are listed once, in §13.



Section 00

Identity and lineage

Field	Value
Code	[ORG]AIOC-PPD. Collision check (Naming Standard §5 and R6): the initials do not recreate AIOC, AION or 49GAION, and do not read as a version suffix. The code is the one Protocol §17 gives the Library part in an [ORG]AION. Each organisation records it in its register before the repository is created (Naming Standard R9)
Full name	Process and Position Design
Description	"[ORG]AIOC-PPD is <organisation>'s Process and Position Design core, built from 49GAION Process and Position Design"
Kind	AIOC
Parent	<code of the Charter of this [ORG]AION>; the cards use the example code [ORG]AIOC-CH. A top-level AIOC (Standard §1.7, item 13). A change of parent is the listed type change-parent
Inner units	[ORG]CELL-PDL, [ORG]CELL-COSPPD, [ORG]POD-PRI, [ORG]POD-PA, [ORG]POD-PPW, [ORG]POD-PPS, [ORG]POD-PS, [ORG]POD-PW, [ORG]POD-PR: seven Pods with their fifteen Cells, and two Cells directly under the AIOC (§17). No inner AIOC
HOAC label	[ORG]HOAC-ACS, held by its top Cell, the PPD Design Lead [ORG]CELL-PDL (label_holder)
Accountable to	<code of the Cell carrying [ORG]HOAC-TM>; the cards use the example code [ORG]CELL-TMS (Naming Standard R15). That Cell signs this AIOC's install, its change-parent and its restart-stopped-unit (Standard §5.3, item 4; §4.4, item 3)
Type	Specialised: the organisation needs its processes and positions designed from its decided operating model (§16)
[ORG]AION	[ORG]AION, based on 49GAION Standard v1.5.0, with the unreleased v1.6.0 texts on main
Versioned Definition	this file; the Panel and the Back office are built from it
Organisation	<organisation>

Field	Value
Made from	the Library part 49GAION Process and Position Design, part card v2 (DRAFT), and Protocol §17, items 1 to 11, merged on 15 October 2026 (decisions/DR-0001; 49GAION/DR-0014, DR-0018)
Template	49GAION AIOC Blueprint Template v1.5.0 at e89ed1d (with the v1.6.0 additions: mechanism register and Reserve, checks that are not fixed tests, the added Configuration rows, position codes only)
Mother	49GAION Process and Position Design, part card v2. This text is its mother blueprint
Blueprint version and status	v0.5.3 · draft
Accountable seat ([ORG]HOAC-ACS)	the PPD Design Lead, [ORG]CELL-PDL, a HOAC position. Who holds it is the organisation's own mechanism, outside the system; this AIOC never sees it (Standard §1.1, item 9)
Reports to	the Cell carrying [ORG]HOAC-TM
Writing repository	<org>aioc-ppd, plus -records for an organisation's runs and -records-restricted for run records that touch a Strictly confidential source (Naming Standard R9). The mother text lives in a public repository and holds no organisation data
Code project	<org>aioc-ppd, on the organisation's code platform
Panel	not yet built
Back office	not yet built
Attribution	Powered by 49GAION

Lineage. The stage after the operating model was first proposed as "positions and job descriptions". A study of how leading organisation-design practices run this stage, made on 15 October 2026, found that every one of them designs processes and decision rights together with the roles below the operating model, and warns that a structure drawn without them fails. The governing seat then directed a separate AIOC, linked directly to the TOM, never merged with it

or with the stage after it (decisions/DR-0001; 49GAION/DR-0014). The study is summarised in docs/HISTORY.md. No earlier code or result is carried here.



Section 01

Card (49GAION Operating Protocol §3)

```
card:
  unit_kind: "AIOC"
  code: "[ORG]AIOC-PPD"
  parent: "[ORG]AIOC-CH"                  # example code of the Charter, the root A
IOC; only it has parent none (Standard §1.7, item 13)
  inner_units: ["[ORG]CELL-PDL", "[ORG]CELL-COSPPD", "[ORG]POD-PRI", "[ORG]POD-PA",
 "[ORG]POD-PPW", "[ORG]POD-PPS", "[ORG]POD-PS", "[ORG]POD-PW", "[ORG]POD-PR"]
  type: "specialised"
  org_aion: "[ORG]AION"
  card_version: "v0.5.3"
  input_door: "Chief of Staff"
  wake: { method: "queue", verified: false }
  receives:
    - kind: "run request"                 # a Work Item from the Requesting Authori
ty's Cell, through the HU input port; references only
      format: "Work Item (Protocol §4.1) whose sources field holds one TOM Release
reference and, optionally, the children in scope"
      acceptance_test: "TEST-PPD v3, cases 1, 23"
      decision_needed: false
    - kind: "release notice"              # from [ORG]AIOC-TOM, directly, through t
he tool gateway
      format: "release notice of [ORG]AIOC-TOM (its contracts/release-notice.schema
.json, urn:49gaion:library:tom:release-notice:v0.5): the TOM Release ID, version an
d manifest hash, its filed reference, and the returns it answers"
      acceptance_test: "TEST-PPD v3, cases 2, 3, 24, 25"
      decision_needed: false
    - kind: "return answer"               # from [ORG]AIOC-TOM: the end, or the nex
t round, of a return this AIOC sent
      format: "the return at its next version (49GAION-protocol library/contracts/d
esign-return.schema.json, pinned in contracts/PINS.json)"
      acceptance_test: "TEST-PPD v3, cases 98, 99, 104"
      decision_needed: false
    - kind: "return"                      # from [ORG]AIOC-DI, directly, on element
s of a PPD Release (§5.11)
      format: "design return (49GAION-protocol library/contracts/design-return.sche
ma.json, pinned in contracts/PINS.json)"
```

```
      acceptance_test: "TEST-PPD v3, cases 101-103"
      decision_needed: true
    - kind: "source reference"           # the organisation's other sources, from
the output socket of [ORG]AIOC-SL
      format: "source reference (ID + version + hash; held or not held)"
      acceptance_test: "TEST-PPD v3, cases 4, 30"
      decision_needed: false
    - kind: "needs answer"               # the output of a needs request sub-item
      format: "needs answer, by reference only"
      acceptance_test: "TEST-PPD v3, cases 8, 33"
      decision_needed: false
    - kind: "needs status"               # accepted, returned or asked, from [ORG]
AIOC-SL
      format: "needs status"
      acceptance_test: "TEST-PPD v3, case 31"
      decision_needed: false
  delivers:
    - kind: "return"                     # to [ORG]AIOC-TOM, directly; also filed
into [ORG]AIOC-SL as a design report
      format: "design return (49GAION-protocol library/contracts/design-return.sche
ma.json, pinned in contracts/PINS.json), prefix PPDR"
      usual_receivers: ["[ORG]AIOC-TOM", "[ORG]AIOC-SL"]
    - kind: "needs request"
      format: "needs request, as a sub-item of the run Work Item"
      usual_receivers: ["[ORG]AIOC-SL"]
    - kind: "missing report"
      format: "Missing Report, one per pass"
      usual_receivers: ["[ORG]AIOC-SL"]
    - kind: "PPD Release filing"
      format: "PPD Release manifest and its parts (Annex A), filed as a source of o
rigin kind process and position design; filing receipt"
      usual_receivers: ["[ORG]AIOC-SL"]
    - kind: "release notice"             # to the next stage, by reference (Protoc
ol §20, item 9)
```

```
      format: "release notice (contracts/release-notice.schema.json): the PPD Relea
se ID, version and manifest hash, the TOM Release it rests on, its filed reference,
 and the returns it answers; never release text"

      usual_receivers: ["[ORG]AIOC-DI"]

    - kind: "return answer"              # the end of a return from [ORG]AIOC-DI,
or its next round (§5.11)

      format: "the return at its next version (49GAION-protocol library/contracts/d
esign-return.schema.json): its status, the answering release or decision reference,
 and for a return set aside, its carried_forward_on"

      usual_receivers: ["[ORG]AIOC-DI"]

  anatomy:

    panel: { health: { tests: true, metrics: ["stuck", "returned", "late", "run sta
te", "returns open", "returns answered", "returns from DI open", "returns past dead
line", "return round", "needs open", "needs past deadline", "processes by state", "
positions by state", "assumptions open", "reviews held", "review budget used"] } }

    back_office: { converses_with_humans: false, hosts: ["Chief of Staff", "Office"
], protocol_traffic: true }

    definition: { location: "<org>aioc-ppd, blueprint/PPD-BLUEPRINT.md", version: "
v0.5.3" }

    delivery: { rollback: "one-click" }

    connectors:

      - { role: "operating model source", connector: "[ORG]AIOC-TOM release port",
access_managed_in: "panel" }   # the grant is signed at the tool gateway as connect
-external-port (Protocol §17, item 8)

      - { role: "source of record", connector: "[ORG]AIOC-SL output socket", access
_managed_in: "panel" }      # as above (Protocol §13, item 5)

      - { role: "next design stage", connector: "[ORG]AIOC-DI input port: release n
otices out, returns in", access_managed_in: "panel" }   # signed by the [ORG]HOAC-A
CS position over this AIOC (Protocol §20, item 9; H-16)

    gateway: { metering_id: "<per-AIOC metering id>" }

  full_name: "Process and Position Design"

  version: "0.5.3"

  lineage: { id: "[ORG]AIOC-PPD", version: "0.5.2", relation: "original" }

  lifecycle_state: "designed"

  blueprint_version: "v0.5.3"

  template_version: "v1.5.0"

  accountable_to: "[ORG]CELL-TMS"         # example code of the Cell carrying [ORG]
HOAC-TM (Naming Standard R15); never a Cell inside this AIOC
```

```
  top_cell: "[ORG]CELL-PDL"
  hoac: "[ORG]HOAC-ACS"
  label_holder: "[ORG]CELL-PDL"
  fixed_test: { id: "TEST-PPD", version: "v3", owner: "[ORG]CELL-TMS" }
  skills:
    - { id: "ppd-release-intake", name: "Reading a decided operating model, and ret
urning its defects", tags: ["design", "intake"] }
    - { id: "ppd-process-design", name: "Process architecture and process design",
tags: ["design"] }
    - { id: "ppd-position-design", name: "Positions and generated job descriptions"
, tags: ["design"] }
    - { id: "ppd-structure", name: "Reporting lines, forums and crosswalk", tags: [
"design"] }
    - { id: "ppd-walkthrough", name: "Operational walkthrough of processes and posi
tions", tags: ["assurance"] }
    - { id: "ppd-returns", name: "Returns both ways, each carried to an end", tags:
 ["coordination"] }
  ports:
    - { unit: "[ORG]AIOC-PPD", port: "ai-in", direction: "input", type: "AI", ident
ification: "technical-key", accepted_content: ["release notice", "return answer", "
return", "source reference", "needs answer", "needs status"], authority_limit: "rea
d only, within the scopes signed for the TOM and Source Lifecycle connections; retu
rns only on the connection signed with [ORG]AIOC-DI", audit_trail: "unit register;
the serve logs of [ORG]AIOC-TOM and [ORG]AIOC-SL; the Work Item record", required_t
ests: ["TEST-PPD v3"], enforcement: "shared-gateway-outside-unit" }
    - { unit: "[ORG]AIOC-PPD", port: "ai-out", direction: "output", type: "AI", ide
ntification: "technical-key", accepted_content: ["return", "needs request", "missin
g report", "needs status", "PPD Release filing", "release notice", "return answer"]
, authority_limit: "returns, requests, reports, filings, notices and answers only,
by reference; files only its own releases and design reports; never an instruction
to a person", audit_trail: "Work Item record and the unit register", required_tests
: ["TEST-PPD v3"], enforcement: "shared-gateway-outside-unit" }
    - { unit: "[ORG]AIOC-PPD", port: "hu-in", direction: "input", type: "HU", ident
ification: "live-human-sign-in-at-gateway", accepted_content: ["run request from th
e Requesting Authority's Cell (references only)", "run control and configuration fr
om the PPD Design Lead (never a source)"], authority_limit: "the signer's authority
_scope; nothing received here is a source", audit_trail: "Office record", required_
tests: ["TEST-PPD v3"], enforcement: "shared-gateway-outside-unit" }
    - { unit: "[ORG]AIOC-PPD", port: "hu-out", direction: "output", type: "HU", ide
ntification: "live-human-sign-in-at-gateway", accepted_content: ["run brief to the
PPD Design Lead", "ruling sheets to the PPD Design Lead", "release notice to the Re
```

```
questing Authority's Cell"], authority_limit: "information only; never a question a
bout the organisation", audit_trail: "Office record", required_tests: ["TEST-PPD v3
"], enforcement: "shared-gateway-outside-unit" }

    - { unit: "[ORG]AIOC-PPD", port: "stop", direction: "input", type: "HU", identi
fication: "live-human-sign-in-at-gateway", accepted_content: ["stop"], authority_li
mit: "stop only", audit_trail: "unit register", required_tests: ["TEST-PPD v3"], en
forcement: "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: "<the OCO of this [ORG]AION>", set_by: "<position>", dat
e: "<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"

    requesting_authority_cell: { value: "<set by the organisation>", set_by: "<Cell
 carrying [ORG]HOAC-GOV>", date: "<date>", version: "<vN>" }

    rows_per_pass: { value: 12, set_by: "<position>", date: "<date>", version: "<vN
>" }

    non_response_passes: { value: "<set by the organisation>", set_by: "<Cell carry
ing [ORG]HOAC-TM>", date: "<date>", version: "<vN>" }

    review_engines: { value: 3, set_by: "<position>", date: "<date>", version: "<vN
>" }

    review_families_min: { value: 2, set_by: "<position>", date: "<date>", version:
 "<vN>" }

    reduced_review_permitted: { value: "no", set_by: "<Cell carrying [ORG]HOAC-TM>"
, date: "<date>", version: "<vN>" }

    review_budget_per_run: { value: "<set by the organisation>", set_by: "<Cell car
rying [ORG]HOAC-TM>", date: "<date>", version: "<vN>" }
```

```
    span_range: { value: "<set by the organisation>", set_by: "<Cell carrying [ORG]
HOAC-TM>", date: "<date>", version: "<vN>" }

    layers_max: { value: "<set by the organisation>", set_by: "<Cell carrying [ORG]
HOAC-TM>", date: "<date>", version: "<vN>" }

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

    return_round_deadline: { value: "<set by the organisation>", set_by: "<Cell car
rying [ORG]HOAC-TM>", date: "<date>", version: "<vN>" }

    return_rounds_max: { value: "<set by the organisation>", set_by: "<Cell carryin
g [ORG]HOAC-TM>", date: "<date>", version: "<vN>" }
```

Joining the protocol. This AIOC joins only after every input and output on this card passes fixed samples (the joining test, Protocol §11, item 1; Standard §3.2, item 4). It also needs [ORG]AIOC-TOM to send release notices and answer returns (made in the TOM blueprint v0.5.0), and Source Lifecycle to accept filings of origin kind process and position design. Its link with [ORG]AIOC-DI is not a condition of joining: without it, this AIOC stands alone. Until then its lifecycle_state stays designed and no Work Item is routed to it. 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 (Naming Standard R13). Positions only; who holds each one is the organisation's own mechanism, outside the system (Standard §1.1, item 9; §5.2, Position Principle).

Term in the blueprint	In <organisation>
The Top Office (decisions are signed by human Cells carrying HOAC labels)	<filled by the organisation>
[ORG]AIOC-OCO	<filled>
The Charter of this [ORG]AION	<code>
The Cell carrying [ORG]HOAC-TM	<code>
The engineering division	<filled>
The builder of every tool	<filled>
The Library blueprint this core is made from	49GAION Process and Position Design, part card v2; Protocol §17; this text is its mother blueprint
The Requesting Authority: the position that asks for the design and decides it	<code of the human Cell carrying [ORG]HOAC-GOV>, or of a human Cell carrying a HOAC label whose authority_scope, delegated by that Cell under delegate-authority, covers the design decisions of this AIOC (Standard §4.2, items 5 and 8; §4.4, item 8). It is a position, never this AIOC's Design Lead position
The PPD Design Lead position	a HOAC position ([ORG]HOAC-ACS), a legal persona. Who holds it is the organisation's own mechanism, outside the system; this AIOC never sees it
The operating model source	[ORG]AIOC-TOM: it hands over its decided release directly, and receives this AIOC's returns
The source of record	[ORG]AIOC-SL: every other source, every question to the organisation, and every filing

Term in the blueprint	In <organisation>
The next stage	[ORG]AIOC-DI: it is told of each decided PPD Release directly, and sends its returns here (§5.11)
The engine register	held at the tool gateway, which is carried by the Charter and run as code beside the core, outside the reach of every AI (Standard §4.4, item 11; 49GAION/DR-0052); read by this AIOC as [ORG]AIOC-TOM reads it (TOM blueprint v0.6.0, Annex E.12)

2.2 Placement

- **Where it sits.** A top-level AIOC under the Charter, beside [ORG]AIOC-SL and [ORG]AIOC-TOM. It is the stage after the target operating model (Protocol §17, item 1).
- **Its role.** It turns a decided target operating model into the organisation's processes and the positions that carry them, decided by the organisation's own authority.
- **Scope.**
  - **It does:** read the decided TOM release, role register first; return every defect it finds to [ORG]AIOC-TOM; ask, through Source Lifecycle, for what the release and the sources lack; lay out the process architecture; choose the critical processes; write each process; shape positions from the steps and decisions they hold; generate job descriptions, the decision-rights register and the authority matrix; draw reporting lines and forums; map today's organisation to the target; compute workload; walk the design through situations; have every stage checked under the Review Panel rule; prepare the decision; release, file and hand over.
  - **It does not:** change the TOM release; ask any person anything about the organisation; name a person; read who occupies a position; choose what fills a position; set pay (H-07); write the full text of a policy; invent a measure, a volume, a time or a limit; decide anything for the organisation.
- **Shapes it serves.** Any shape the TOM release covers: one person's work, a single entity, a group of entities, or a group with independent institutions

inside it. Where the release covers several entities, processes that cross entities follow the release's hand-offs register and counterparty register.

- **Boundaries with other AIOCs.**
  - **[ORG]AIOC-TOM** designs the operating model. This AIOC reads its decided release and returns defects; it never redesigns the model. A return is a request to TOM, never a change (§5.1; Annex B).
  - **[ORG]AIOC-SL** holds every source and every contact with a person. This AIOC holds only references and its own design records. It files its releases and its returns there.
  - **[ORG]AIOC-DI**, the next stage, is told of each decided PPD Release directly (§5.10), reads it from Source Lifecycle by reference, and returns its defects to this AIOC under the same contract; each ends by §5.11.
  - **[ORG]AIOC-OCO** installs, fixes and upgrades this AIOC; it never grades it (Standard §2.3, item 9).
- **Overlap.** None known. Where an organisation already holds process maps or job descriptions, they are sources, read through Source Lifecycle and mapped in the crosswalk (§5.6).



Section 03

Positions

Process and Position Design

Position (standard title)	Purpose	Reports to	Run today by	Cover
PPD Design Lead	the accountable position of this AIOC and the owner of its path: owns the fixed tests of its parts; rules on contested review findings; accepts a reduced review level within the TM Cell's permission; attests the method. Answers for the method, never for the organisation's choices	the Cell carrying [ORG]HOAC-TM	a HOAC position ([ORG]HOAC-ACS); who holds it is the organisation's own mechanism, outside the system, never seen by this AIOC	the organisation's own mechanism, outside the system
Chief of Staff	keep each run moving, honest and traced; the only door to [ORG]AIOC-TOM and to Source Lifecycle	PPD Design Lead	an agent ([ORG]CELL-COSPPD)	none; the run halts
Release Reader	read the TOM release, account for every element, and draft returns	Chief of Staff	an agent ([ORG]CELL-PRR)	none; the step halts
Process Architect	lay out the process architecture and propose the critical processes	Chief of Staff	an agent ([ORG]CELL-PPA)	none; the step halts
First Process Author	write each process, as author A	Chief of Staff	an agent ([ORG]CELL-PFPA)	none; the step halts
Second Process Author	write each critical process a second time, blind to author A, on an engine of the other family	Chief of Staff	an agent ([ORG]CELL-PSPA)	none; the step halts
Process Reconciler	reconcile two locked drafts of a process into one	Chief of Staff	an agent ([ORG]CELL-PPR)	none; the step halts

Position (standard title)	Purpose	Reports to	Run today by	Cover
Position Builder	group steps and decisions into positions	Chief of Staff	an agent ([ORG] CELL-PPB)	none; the step halts
Structure Designer	draw reporting lines, forums and the crosswalk	Chief of Staff	an agent ([ORG] CELL-PSD)	none; the step halts
Workload Analyst	compute workload from volumes and step times	Chief of Staff	an agent ([ORG] CELL-PWA)	none; the step halts
Situation Author	write walkthrough situations, blind to the design	Chief of Staff	an agent ([ORG] CELL-PSA)	none; the step halts
Situation Walker	walk the situations through processes and positions	Chief of Staff	an agent ([ORG] CELL-PSW)	none; the step halts
Blind Reviewer, seats A–E	review a locked output, alone first, then in debate	Chief of Staff	agents ([ORG]CELL-PBRA to [ORG]CELL-PBRE)	none; any seat covers another

- **Every human position is a HOAC position.** This AIOC has one, the PPD Design Lead. The organisation may add more in this AIOC's own design (§17).
- **No natural person** (Standard §1.1, item 9). Every human position this AIOC deals with, its own and the organisation's, is a HOAC position. It addresses positions only, through their HU ports.
- The **Requesting Authority** is not a position of this AIOC (§2.1). It decides the design; this AIOC prepares the decision.
- No AI Cell signs anything (Protocol §10, item 3). Each AI Cell's bot has its own identity card (§17).
- Job descriptions, the decision-rights register, the authority matrix and the organisation charts are made by code steps of the Chief of Staff, never by a Cell (§5.5, §5.6). Code is a tool, never a seat.



Section 04

Standard capabilities

Defaults are in docs/STANDARD-CAPABILITIES.md of 49GAION-aioc at e89ed1d (v1.5.0, with the v1.6.0 additions). The differences are listed in §11.

4.1 Office

Definition

Default · form: **single Chief of Staff**. An Office forms only if the Design Lead needs more than one Chief of Staff; it is proposed to the Design Lead, never self-created.

Process (SOP)

Default.

Role card

None while the form is a single Chief of Staff.

Fixed test

TEST-PPD-COSPPD v3 (TEST-PPD v3, case 73) · result NOT_RUN

4.2 Chief of Staff

Definition

Default, **managing** kind, with these additions:

- **The only door.** It is the only Cell of this AIOC that sends anything outside it: returns to [ORG]AIOC-TOM, an accepted return included; needs requests, Missing Reports and filings to [ORG]AIOC-SL; the release notice to [ORG]AIOC-DI and the answers to its returns. The six external ports sit on its card (§17).
- **No question to a person.** It never asks any person anything about the organisation. Every question for the organisation goes to the Chief of Staff of

[ORG]AIOC-SL as a needs request (§5.2). Its only human contact is its own HOAC position, the PPD Design Lead, about the run.

- **An orchestrator that never judges itself.** It runs the gates of each run (Annex C), dispatches the Cells, locks outputs, runs the code steps, draws the Review Panel and writes the run record. It never rules on a finding, never dismisses or downgrades one, and never lowers a review (TOM blueprint v0.5.0, §5.8, carried).

Process (SOP)

Default, plus:

1. **Admission (S0).** On a run request: open the run record; check that the request carries references only; receive or fetch the release notice; have the Input socket build Input Pack P0 (§4.3); check gate T0 (Annex C.2) → P0 and the T0 record (evidence: the T0 record, with P0's ID).
2. **One run at a time.** One run per organisation. A second run in parallel needs the Design Lead's approval, recorded in the run record → run slot (evidence: run record).
3. **Returns.** Collect the return drafts of the Pods; have each reviewed at its review point; send each to [ORG]AIOC-TOM under the Library's design return contract and file it into [ORG]AIOC-SL as a design report, with the same hash; mark the elements it touches held: return open; on TOM's answer, re-open them, or carry them forward on the basis a set-aside decision states (Annex B.1) → return sent; return ended (evidence: the return at each version, and its filing receipt).
4. **Passes.** Batch the Pods' needs candidates into passes of at most rows_per_pass rows, one decision per row; send each pass with its Missing Report → pass sent (evidence: Work Item IDs in the needs log).
5. **Waiting.** Overdue requests and returns follow the waiting deadlines and escalation (Protocol §4.6, item 1). Past non_response_passes, the run stops as non-response, and every element resting on a missing fact goes to decision as an assumption → ageing record (evidence: the needs log).

6. **Answers.** Hand each needs answer and each new release notice to the Input socket, which makes a new pack version; re-open only the work that cites what changed → re-opened items (evidence: the pack's increment).
7. **Code steps.** Run the code steps of §5.5 and §5.6 (job descriptions, decision-rights register, authority matrix, charts) and of §5.7 (workload) → generated parts (evidence: the step's output hash, re-generated byte-identical).
8. **Stops and revocation.** A stop takes effect at the gateway on every part; the Chief of Staff is itself stopped. A revoked or narrowed connection holds the run as held: connection revoked; no restart is needed when a new connection is signed → held run (evidence: unit register).
9. **Returns from DI.** Run §5.11 for every return received from [ORG]AIOC-DI, whether or not a run is open → each return carried to its end (evidence: the returns log).

Role card

Field	Content
Name	Chief of Staff
Position and seat	the position Chief of Staff; accountable seat: the PPD Design Lead ([ORG]HOAC-ACS)
Performed by	an agent ([ORG]CELL-COSPPD, full name PPD Chief of Staff)
Purpose	keep each run moving, honest and traced; be this AIOC's voice to the Design Lead and its only door to TOM, Source Lifecycle and DI
Authority limits	alone: dispatch, lock, record, run code steps, send returns and needs requests that passed their review, file a release whose elements are decided, send its release notice to DI, admit or refuse a return from DI by the contract, generate its brief, send its rows and its answer; needs the Design Lead: a second run in parallel, a budget above the cap, any change to configuration, a ruling on a finding, a reduced review level; never: ask a person anything about the organisation, change the TOM release, answer a needs request itself, take anything from the Design Lead as a source, decide for the Requesting Authority, rule on or dismiss a finding, sign, close a Work Item this AIOC performed, write a job description by hand, answer or classify a return from DI, edit a filed PPD Release, let a return wait without its round and deadline
Write location	the run record and this AIOC's Work Items
Reports to	the PPD Design Lead
Escalation	to the Design Lead in one line, with evidence linked; a stop goes to the stop door, never through this Cell
Tools and access	the TOM, Source Lifecycle and DI connections through the tool gateway, within their signed scopes; the code steps of the code project; no credential in any instruction
Deputy and cover	none; on failure the run halts and the Design Lead is told
Fixed test and score	TEST-PPD-COSPPD v3 (§9), plus the default Chief of Staff test

Field	Content
Card version and status	v0.4.0 · draft

Fixed test

TEST-PPD-COSPPD v3 · result NOT_RUN

4.3 Input socket

Definition

Default, with this AIOC's standard format, the **Input Pack**, as in the TOM blueprint v0.5.0 §4.3, parts 1 to 3 and 6 to 8, read with these changes:

1. **Two kinds of input.** The **release**: the decided TOM Release, by manifest and parts, each by hash, from the release notice. The **sources**: the organisation's other sources, by reference from Source Lifecycle's output socket, cut into atoms and labelled once (TOM Annex B, carried).
2. **The release is read, never atomised as a source.** Its elements keep their own IDs (ROLE-n, HO-n, CPR-n, CHILD-... and the ledger entry IDs). Every element of this AIOC's output traces to a release element or a source atom.
3. **The release check.** A release is admitted only when: its manifest validates; its final status is decided; its hash equals the copy filed in Source Lifecycle; and its role register re-compiles from its parts (TOM Annex E.17, rule 6). Otherwise nothing of it is used, and a return goes back with the failed condition (Annex B).
4. **A new release** from [ORG]AIOC-TOM makes a new pack version. The elements that changed re-open the work that cites them; decided work that cites nothing changed is kept by hash.
5. **Nothing that arrives through a human port is a source.** A run request is admitted only if it carries references; the words around them are not admitted.
6. The pack's ID is PPDI- followed by the SHA-256 of its body.

Process (SOP)

Default (receive, identify, normalise, check, deliver), run by the Chief of Staff through the socket's code steps. A refused item comes back with its reason and never enters.

Role card

Default; performed by the Chief of Staff ([ORG]CELL-COSPPD) through the socket's code steps.

Fixed test

TEST-PPD v3, cases 2, 3, 4, 23, 24, 25, 30, 33 · result NOT_RUN

4.4 Panel

Definition

Default. The Panel also shows, for each run: the run state and its flags with their ages; the TOM release in use and any newer one; every return, both ways, with its round, the deadline of that round, its state and its age (a return past its deadline in red, here and on the other stage's Panel); every needs request; each gate with its result; per review, its point, verdict and findings; the assumptions waiting for decision; the decision state of each element.

Process (SOP)

Default.

Role card

Default.

Fixed test

Default Panel test · result NOT_RUN



Section 05

Functional capabilities

Ten stages (§5.0) are performed by the Input socket (§4.3: S0) and these capabilities: Release Intake and Returns (S1); Process Architecture (S2, S3); Process Writing (S4); Position Shaping (S5); Structure (S6); Workload (S7); Operational Walkthrough (S8); Decision Package and Release (S9). Needs Requests (§5.2) is a service every stage uses. Returns from Delivery and Implementation (§5.11) runs outside the runs, on each return received. Independent Review (§5.9) is the rule that closes every stage. Each capability is written in the four-part form (Annex A of the template), with one added row, **Done when**, which names its gate. Each step reads: **position**: action → output (evidence). Rules that apply to every capability are in Annex A (release parts and field lists), Annex B (returns), Annex C (run states and gates), Annex D (what this AIOC never does) and Annex E (what is carried from the TOM blueprint).

One word per meaning.

- **Release**, unqualified, is the TOM Release this run reads. **PPD Release** is this AIOC's output.
- **Role**: a role-type of the TOM release's role register (ROLE-n). **Position**: a position this AIOC designs (POS-n). A role may give rise to several positions; a position belongs to exactly one role.
- **Process** (PRC-n): a level-3 entry of the process architecture. **Step** (STP-n): one step of a process, in one role lane. **Decision** (DEC-n): a decision taken at a step.
- **Return** (PPDR-n): this AIOC's notice to [ORG]AIOC-TOM about its release (Annex B.1). A return from [ORG]AIOC-DI about a PPD Release carries DI's prefix (DIR-n; Annex B.2; §5.11).
- **Assumption**: a value no source gives (a volume, a time, a limit, a measure), marked as such and put to decision. It is never a fact.

5.0 The stages: input, output, done-test

ID	Plain name	Run state	Gate	Exact input	Exact output	Done-test	Human decision
S0	**Admit**	admitting	T0	The run Work Item (references only). The release notice from [ORG]AIOC-TOM. The connection grants to TOM and Source Lifecycle. The engine register.	Input Pack P0; the run record, opened; the RP0 review record.	**T0** (Annex C.2): the request carries references only; the release check passes (§4.3, part 3); both connections are signed and in scope; the engine register holds eligible engines; requesting_authority_cell is set.	Requesting Authority: opens the run. Seats over TOM and Source Lifecycle: sign the connections.

ID	Plain name	Run state	Gate	Exact input	Exact output	Done-test	Human decision
S1	**Read the release**	reading	T1	P0 (or later); the release, role register first.	The **release-reading record** (Annex A.1); return drafts (Annex B).	**T1**: every role, value-stream phase, capability, decision domain and hand-off of the release in scope is used, returned or out of scope with a reason; the strategy frame, the journeys, the value case and the activity profile are	Requesting Authority: the children in scope, if the request did not name them.

ID	Plain name	Run state	Gate	Exact input	Exact output	Done-test	Human decision
						recorded as the release states them; every return draft passed RP1 and was sent.	
S2	**Architecture**	architecting	T2	The release-reading record; the release; the pack's sources of current processes.	The **process architecture** (Annex A.2): levels 1 to 3, each level-3 process with one owner role.	**T2**: every phase and capability in scope has at least one process; every hand-off in scope belongs to one process; no process traces to nothing; RP2 settled clear.	Requesting Authority: the architecture rows.
ID	**Plain name**	**Run state**	**Gate**	**Exact input**	**Exact output**	**Done-test**	**Human decision**
S3	**Critical processes**	choosing	T3	The decided architecture.	The **critical-process choice**, with its reasons; the order in which processes are written.	**T3**: every process that crosses two parts of the release, or lies on a critical value stream, is either chosen or set aside with a reason; the order follows the priority of the elements each process carries; RP3	Requesting Authority: the choice and the order.

ID	Plain name	Run state	Gate	Exact input	Exact output	Done-test	Human decision
						settled clear; the choice decided.	

ID	Plain name	Run state	Gate	Exact input	Exact output	Done-test	Human decision
S4	**Write the processes**	writing	T4	Per process: its architecture entry; the release elements it carries; the pack's atoms for it.	Per process: its **process record** (Annex A.3). For a critical process: two locked drafts, the difference register and the reconciled record (Annex E, two authors). The **policy register** (Annex A.4) and the **controls catalogue** (Annex A.11), compiled by code from the process records.	**T4**, per process: each step has one accountable role and an input and output; each decision has exactly one decider; each lane hand-off is matched at both ends; each exception names its escalation; each measure, volume and time has a source or is an assumption; each step carries its done-when, worst error and reversibility, act kinds, input source and trust, confid entiality, risks, controls and record (§5.4, rules 11 and 12);	Requesting Authority: assumptions; contradictions touching the process; control gaps; measure targets. PPD Design Lead: rulings.

ID	Plain name	Run state	Gate	Exact input	Exact output	Done-test	Human decision
						the modelling conventions report no error; the end-to-end time is computed; RP4 settled with no unresolved MATERIAL finding.	

ID	Plain name	Run state	Gate	Exact input	Exact output	Done-test	Human decision
S5	**Shape the positions**	shaping	T5	The written processes; the role register.	The **position register** (Annex A.5); the **job descriptions** (Annex A.6), generated by code; the **decision-rights register** and the **authority matrix** (Annex A.7), generated by code; the **objectives cascade** (Annex A.12), generated by code.	**T5**: every step and decision sits in exactly one position; every position holds at least one; every position belongs to one role; every position passes the segregation-of-duties rules or its breach is put to decision; every competence traces to a step or decision; the generated parts re-generate byte-identical; RP5 settled with	Requesting Authority: positions; decision limits with no source; job families and levels with no source; segregation rules with no source; separation breaches.

ID	Plain name	Run state	Gate	Exact input	Exact output	Done-test	Human decision
						no unresolved MATERIAL finding.	
ID	**Plain name**	**Run state**	**Gate**	**Exact input**	**Exact output**	**Done-test**	**Human decision**
S6	**Structure**	structuring	T6	The position register; the release's parts and governance; the pack's sources of the current organisation.	The **unit register** and the **unit charters** (Annex A.15, charters generated by code); **reporting lines**, the **organisation charts** (generated by code), the **forum register** with charters and tiers, the **review calendar** (generated by code), the **result lines**, and the **crosswalk** (Annex A.8); the **structure scenarios** (Annex A.13) when structure_scenarios is above one.	**T6**: every position belongs to exactly one unit; every unit has one head position from among its own positions, one parent unit and a charter that traces to its positions; no unit loop; every position has one reporting line and no line forms a loop; spans and layers reported against the configured ranges; every forum has a charter and a tier; every measure has a forum that reviews it; every current unit, position and process in the sources is mapped or marked with a	Requesting Authority: units and their heads; reporting lines that depart from the units; forums; span and layer findings; result lines with no source; the structure scenario; crosswalk rows marked retired.

ID	Plain name	Run state	Gate	Exact input	Exact output	Done-test	Human decision
						reason; with scenarios, each is shown on the same measures and one is decided; RP6 settled with no unresolved MATERIAL finding.	
S7	**Workload**	loading	T7	The written processes (volumes, step times); the position register; the time available per position, from a source or a decision.	The **workload register** (Annex A.9) and the **peak-load check and value-stream times** (Annex A.14), generated by code.	**T7**: every figure traces to the steps it sums; every input is a source or a decided assumption; every peak figure traces to its peak volumes and step times; RP7 settled clear.	Requesting Authority: the time available; assumptions; peak findings.
S8	**Walk**	walking	T8	The walk input, compiled by code from S2 to S7; a blind brief for the Situation Author.	The sealed situation set; the trace; the finding register; the **walkthrough report**.	**T8**: situations sealed before the walk; every situation traced to its end or to a finding; every finding fixed or put to decision; RP8 settled with no unresolved MATERIAL finding.	Requesting Authority: notice choices. PPD Design Lead: rulings.

ID	Plain name	Run state	Gate	Exact input	Exact output	Done-test	Human decision
S9	**Decide and release**	deciding; end states released, then filed	T9, then T10	Every reviewed part of S1 to S8, by hash; every pack version; the settled review records.	The **quality checks**; the Design Lead's attestation of T0 to T8; the **Decision Package** (Annex A.10); then the **PPD Release** manifest and its parts; the filing receipt; the release notice to [ORG]AIOC-DI (contracts/release-notice.schema.json).	**T9**: every element decided (ACCEPT, CORRECT, REJECT) and the final status decided; every process carries its owner position and its re-approval date; silence decided nothing. **T10**: the manifest is content-addressed; every element traces to a release element or a source atom; the release lint passes; the release is filed and reads back by hash; the release notice is sent.	Requesting Authority: each element and the final status. PPD Design Lead: the attestation.

Not stages: services and rules used by every stage.

Name	What it is	Output	Done-test
Returns (§5.1)	Every stage may find a defect in the release. It drafts a return; the Chief of Staff sends it to TOM after review	a return (Annex B.1)	Annex B, Done when

Name	What it is	Output	Done-test
Returns from DI (§5.11)	DI may return a defect of a PPD Release. The Chief of Staff carries it to an end	the return at each version	§5.11, Done when
Asking (§5.2)	Every stage raises needs candidates; the Chief of Staff asks the Chief of Staff of [ORG]AIOC-SL	needs requests; one Missing Report per pass	each request ends answered by reference or with another outcome of the needs-answer contract
Review Panel rule (§5.9)	The rule that closes every stage	a review record and a verdict	§5.9, Done when
Two authors (Annex E)	Each critical process is written twice, blind, by two authors of two families, then reconciled	two locked drafts; the difference register; one reconciled record	TOM blueprint v0.5.0, Annex G, Done when, read with "process" for "child"

Run states. admitting (S0) → reading (S1) → architecting (S2) → choosing (S3) → writing (S4) → shaping (S5) → structuring (S6) → loading (S7) → walking (S8) → deciding (S9) → released → filed. Endings, flags and holds: Annex C.1.

5.1 Release Intake and Returns Definition

Field	Content
Name	Release Intake and Returns
Purpose	read the decided TOM release so that nothing in it is lost, and send every defect back to the part that made it
Trigger	T0 passed; a new release notice; a defect found at any stage
Inputs	the Input Pack; the release, role register first
Outputs	the release-reading record (Annex A.1); returns (Annex B)
Performed by	the Release Reader ([ORG]CELL-PRR) in the Release Intake Pod ([ORG]POD-PRI); the Chief of Staff sends
Done when	T1 (§5.0); for a return, Annex B, Done when

Field	Content
Rules	1. **Role register first.** The Release Reader reads every entry of the role register before any other part, and records for each: used (the processes that will carry it), returned (with the return) or out of scope (with the reason). 2. **Then the rest.** Every value-stream phase, capability, decision domain, hand-off (HO-n) and counterparty crossing (CPR-n) of the children in scope is accounted the same way. **New** in v0.5.0: so are the strategy frame, each outside party's journey (JNY-n), the value case (VC-n) and the current-state activity profile (TOM blueprint v0.6.0, Annex H), with each capability's delivery model and maturity, each stream's criticality and each element's decided priority. An element the release states as not given, not decided, not set, unknown or no observation is recorded as such and never filled. 3. **Never changed.** The release is read as decided. No element of it is edited, merged, split or dropped by this AIOC. A role register entry that no process uses is returned, never deleted. 4. **Returns, not fixes.** A defect becomes a return of one kind (Annex B): cannot use (with what is missing), contradiction found, assumption invalid or request kind unsupported. When the whole release is used without defect, the run sends one accepted return. 5. **The touched elements wait.** The elements a return touches, and only those, are held as held: return open until the return ends: answered by a new decided release, answered by a decision of the Requesting Authority, or set aside by that decision, in which case they go forward on the stated basis, each marked as a known defect or a decided assumption (Annex B.1, rule 5). The rest of the work goes on. 6. **Back and forth, in rounds.** TOM's answer arrives on the return itself and, for an answer by release, as a new release notice. A new release makes a new pack version; the work that cites a changed element re-opens; decided work that cites nothing changed is kept by hash. If the new release still does not answer, the same return is sent again in its next round. Each round has its deadline; TOM escalates past it (TOM blueprint v0.5.0, §5.10). Each pass is a new version; nothing is overwritten. 7. **Filed too.** Each return is also filed into Source Lifecycle as a design report, with the same hash, so that a revised TOM request can cite it (TOM blueprint v0.5.0, docs/CARRIED-RULES.md §4.4, item 5). 8. **Not a person.** A return names release parts, elements and fact-types, never a person.

Process (SOP)

1. **Release Reader**: read the role register entry by entry, then the other parts of the children in scope → release-reading record, draft (evidence: one row per element).
2. **Release Reader**: for each element that cannot be used as decided, draft a return with its kind, its elements and its evidence → return draft (evidence: the draft, citing the elements and atoms).
3. **Chief of Staff**: lock the record and the drafts; run review point RP1 (§5.9) → settled review (evidence: the RP1 record).
4. **Chief of Staff**: send each return to [ORG]AIOC-TOM, file it into [ORG]AIOC-SL, mark the touched elements held → sent return (evidence: the Work Item and the filing receipt, with one hash).
5. **Chief of Staff**: on a new release notice, have the Input socket make a new pack version, re-open what cites a changed element, and close each answered return → re-opened items; closed returns (evidence: the pack's increment; the return's status).

Role card

Field	Content
Name	Release Reader
Position and seat	Release Reader; accountable seat: the PPD Design Lead
Performed by	an agent ([ORG]CELL-PRR, full name PPD Release Reader)
Purpose	account for every element of the release, and draft every return
Authority limits	alone: read, record, draft returns; never: change the release, send a return itself, ask a person, decide what an element means where the release is silent (that is a return)
Write location	the run record
Reports to	Chief of Staff
Escalation	to the Chief of Staff, with the elements and evidence
Tools and access	the Input Pack only; no tools, no outside access, a fresh context per dispatch
Fixed test and score	TEST-PPD-PRR v3 (§9)
Card version and status	v0.3.0 · draft

Fixed test

TEST-PPD-PRI v3 and TEST-PPD-PRR v3 · result NOT_RUN

5.2 Needs Requests

Definition

As in the TOM blueprint v0.5.0 §5.2, carried, with these changes. What this AIOC typically asks for: the organisation's current process documents and procedures; volumes per period; step times; decision limits (for example spending thresholds); measures already in use; the time available per position per period; the policies a process applies. Each request names the process, step or decision it is for, and the unit of a figure. One decision per row; at most rows_per_pass rows per pass. A request never names a person. Done when: each request ends answered by reference, or with another outcome of the needs-answer contract, and its sub-item is done only when the Input socket's acceptance test passes.

Process (SOP)

As carried: the Pods raise needs candidates; the Chief of Staff batches, reviews (RPa), sends, waits, and admits each answer through the Input socket as a new pack version.

Role card

Performed by the Chief of Staff (§4.2).

Fixed test

TEST-PPD v3, cases 8, 31, 32, 33, 34 · result NOT_RUN

5.3 Process Architecture Definition

Field	Content
Name	Process Architecture
Purpose	lay out every process the decided model needs, in levels, and choose which to design first
Trigger	T1 passed
Inputs	the release-reading record; the release; the organisation's current processes, from the pack
Outputs	the process architecture (Annex A.2); the critical-process choice
Performed by	the Process Architect ([ORG]CELL-PPA) in the Architecture Pod ([ORG]POD-PA)
Done when	T2 and T3 (§5.0)
Field	**Content**
Rules	1. **Three levels.** Level 1 is a value-stream phase or a capability of the release; level 2 groups processes; level 3 is a process with a trigger and an end. Every level-3 process traces to at least one level-1 entry. 2. **One owner.** Each level-3 process has one owner role from the role register; from S5 the owner is a position of that role. 3. **Hand-offs belong somewhere.** Every hand-off in scope (HO-n) and every crossing with an outside party (CPR-n) belongs to exactly one process, which names it. 4. **Today's processes are evidence.** A current process named in the sources is mapped to the architecture or marked not carried with its reason; the crosswalk (§5.6) uses this. 5. **Critical first.** The processes that cross two or more parts of the release, and those on a value stream the release marks critical (TOM Annex H.3), are proposed as critical. The Process Architect proposes an order with its reasons: first by the highest decided priority of the release elements each process carries (must, then should, then could; TOM Annex H.7), then critical before other; the Requesting Authority decides the choice and the

Field	Content
	order. 6. **A general pattern is a method, never evidence** (TOM Annex B.5, carried). 7. **Reference models as methods.** A reference process taxonomy, a leading-practice flow or a measure library may be used to check the architecture for completeness. Each is recorded in method_refs and is never evidence: what it suggests becomes a needs request or a finding, never a process on its own. 8. **As the capability is delivered** (**New** in v0.5.0; TOM Annex H.2). A capability delivered in-house gets its processes. One delivered as a shared service gets them in the child that provides it, and the consuming child's process hands off to it. One outsourced or delivered by a partner gets no in-house process for the delivered work: its process is the hand-off to the outside party, on the crossings that deliver it, and the steps that oversee it (instruct, receive, check, pay). A capability whose delivery model is not decided is designed only as far as the delivery model does not decide it; the rest is a return (cannot use, missing the delivery model). 9. **Journeys** (**New** in v0.5.0; TOM Annex H.5). Code checks each outside party's journey against the processes that carry its crossings: each moment sits in a process, and the moments follow, through the process hand-offs, in the journey's order. A moment in no process, or out of order, is a finding. 10. **Maturity sets the measures** (**New** in v0.5.0; TOM Annex H.4). Each process of a capability whose decided target maturity is 4 (measured) or 5 (improving) carries at least one measure; one without is a finding.

Process (SOP)

1. **Process Architect**: draft the architecture from the release-reading record and the pack → architecture draft (evidence: one row per process, with its trace).
2. **Chief of Staff**: run RP2, then send the architecture rows to the Requesting Authority → decided architecture (evidence: decision references).
3. **Process Architect**: propose the critical processes and their order → choice draft (evidence: reasons per process).
4. **Chief of Staff**: run RP3, then send the choice for decision → decided choice (evidence: decision references).

Role card

Field	Content
Name	Process Architect
Position and seat	Process Architect; accountable seat: the PPD Design Lead
Performed by	an agent ([ORG]CELL-PPA, full name PPD Process Architect)
Purpose	the whole map of processes, traced to the model, and the order of work
Authority limits	alone: draft the architecture and the choice; never: drop an element of the release, decide the choice, ask a person
Write location	the run record
Reports to	Chief of Staff
Escalation	to the Chief of Staff; a defect in the release is a return draft
Tools and access	the Input Pack only; a fresh context per dispatch
Fixed test and score	TEST-PPD-PPA v3 (§9)
Card version and status	v0.3.0 · draft

Fixed test

TEST-PPD-PA v3 and TEST-PPD-PPA v3 · result NOT_RUN

5.4 Process Writing Definition

Field	Content
Name	Process Writing
Purpose	write each process so that any reader knows what starts it, who does each step, who decides, what passes between steps, and what happens when it goes wrong
Trigger	T3 passed; processes are written in the decided order
Inputs	per process: its architecture entry; the release elements it carries; the pack's atoms for it
Outputs	the process record (Annex A.3); for a critical process, two locked drafts and the difference register; the policy register (Annex A.4), compiled by code
Performed by	the First Process Author ([ORG]CELL-PFPA); for a critical process also the Second Process Author ([ORG]CELL-PSPA) and the Process Reconciler ([ORG]CELL-PPR); in the Process Writing Pod ([ORG]POD-PPW)
Done when	T4 (§5.0)
Field	**Content**
Rules	1. **Lanes are roles.** Each step sits in one lane, and a lane is a role of the role register (positions come at S5). 2. **Things pass, not activities.** Each step has an input and an output that name a thing (a request, a record, a decision, a payment instruction). Each step's output is the next step's input, or an output of the process. 3. **One accountable role per step.** 4. **One decider per decision.** Each decision uses one notation: one role decides; others recommend, must agree, give input or carry out. A decision with no decider or with two fails. A decision the release gives to a role is kept with that role; a conflict is a return (contradiction found). 5. **Exceptions.** Each exception names its trigger, what happens, and the escalation route to a role with authority over it. 6. **Measures.** Each measure has its definition, its unit and its source, or is a decision row. None is invented. 7.

Field	Content
	Volumes and times. Each step carries its volume per period and its time per occurrence, from a source, or as an assumption with its basis, put to decision. 8. **Policies are named, not written.** Each rule a step applies cites a policy. The policy register lists each policy with its owner role and its source; a policy with no source is listed needed. This AIOC never writes the text of a policy. 9. **Two authors for a critical process.** Both authors write blind to each other, on engines of two families; code compares the locked drafts; the Process Reconciler disposes every material difference on the sources, or keeps only what both share and puts the rest to decision (TOM Annex G, carried). A non-critical process has one author and the same review. 10. **No filler.** A step is done by a role. It never says what fills the role. 11. **What each step must also say.** Its done_when: a property of its output that a reader can check. Its worst error, and whether that error can be undone (yes, partly, no). The kinds of act it is, from a fixed list: decide, approve, sign, pay or commit money, communicate outside, physical, record, check, calculate, write. Where its input comes from (own record, outside party, system, request of a position) and how far it is trusted (verified, unverified). The confidentiality class of what it handles, from the organisation's classification. Each has a source, or is an assumption put to decision. 12. **Risk, control and record.** Each step names its risks (what can go wrong, starting from its worst error), the controls that answer them, and the record it leaves. A step whose worst error cannot be undone, or whose act is to sign, to pay or commit money, or to communicate outside, carries at least one control, or the gap is a decision row. A control is designed from the sources or proposed for decision; it never claims that the organisation complies with anything. Code compiles the controls catalogue (Annex A.11) from the process records. 13. **Measures of three kinds.** Each process has measures of quality, of time and of cost, each with its definition, unit and source; a missing kind is a decision row. Each target is a decision, or reads not set. From S6, each measure names the forum that reviews it. 14. **Variants.** One process may carry variants for an entity, a site or a product. A variant names what it applies to, the steps where it differs and its reason; it changes no other step. 15. **Modelling conventions.** The conventions of modelling_conventions run by code on every record. A convention marked error blocks T4; one marked warning is reported. Rules 1 to 5 and 11 are always error. 16. **End-to-end time.** Code computes each process's

Field	Content
	end-to-end time along its main path, from its step times and the waiting time before each step, each from a source or a decided assumption. A missing term marks the figure incomplete.

Process (SOP)

1. **First Process Author** (and, for a critical process, **Second Process Author**, blind): write the process record → locked draft(s) (evidence: draft hashes).
2. **Chief of Staff**: for a critical process, run the compare code step → difference register (evidence: the register).
3. **Process Reconciler**: reconcile into one record, disposing every material difference with its reason → reconciled record (evidence: the dispositions).
4. **Chief of Staff**: run the process checks and the modelling conventions by code (rules 2 to 4, 6, 7, 11 to 16), and compute the end-to-end time, then RP4 → settled review (evidence: the RP4 record; the convention results).
5. **Chief of Staff**: compile the policy register and the controls catalogue from the process records → policy register; controls catalogue (evidence: each re-compiles byte-identical).
6. **Chief of Staff**: send assumption, contradiction, control-gap and target rows for decision → decided rows (evidence: decision references).

Role card

Field	Content
Name	First Process Author; Second Process Author; Process Reconciler
Position and seat	each its own position; accountable seat: the PPD Design Lead
Performed by	agents ([ORG]CELL-PFPA, [ORG]CELL-PSPA, [ORG]CELL-PPR)
Purpose	authors: write a process record from the release and the sources; reconciler: make one record from two
Authority limits	alone: write within the process record's fields; never: see the other author's draft before both are locked; settle a difference by choice; invent a figure; write a policy's text; ask a person
Write location	the run record
Reports to	Chief of Staff
Escalation	to the Chief of Staff; a defect in the release is a return draft
Tools and access	the Input Pack only; a fresh context per dispatch; author engines of two families (Annex E)
Fixed test and score	TEST-PPD-PFPA v3, TEST-PPD-PSPA v3, TEST-PPD-PPR v3 (§9)
Card version and status	v0.3.0 · draft

Fixed test

TEST-PPD-PPW v3 and the tests of its Cells · result NOT_RUN

5.5 Position Shaping Definition

Field	Content
Name	Position Shaping
Purpose	shape the positions that carry the processes, each built from what it holds
Trigger	T4 passed for every process of the slice
Inputs	the written processes; the role register
Outputs	the position register (Annex A.5); the job descriptions (Annex A.6); the decision-rights register and the authority matrix (Annex A.7)
Performed by	the Position Builder ([ORG]CELL-PPB) in the Position Shaping Pod ([ORG]POD-PPS); the generated parts by the Chief of Staff's code steps
Done when	T5 (§5.0)
Field	**Content**
Rules	1. **From the steps.** The Position Builder groups the steps and decisions of each role into positions. Every step and decision sits in exactly one position; every position holds at least one. 2. **One role.** Every position belongs to exactly one role of the role register. Work that fits no role is a return (cannot use), never a new role. 3. **Why this grouping.** Each grouping records its reason: the same expertise, the same counterpart, the same location, the same decision chain, or the release's own grouping. 4. **Separation.** A position that both takes a decision and checks that same decision fails, unless the Requesting Authority accepts it as a known defect. 5. **Generated, never written.** Each job description is generated by code from what the position holds: its purpose (from its processes' purposes), its accountabilities (its steps), its decisions and their limits, the positions it works with (its lane hand-offs), its measures and its reporting line (after S6). A field that does not trace to the position's steps and decisions fails the lint. 6. **Decision rights.**

Field	Content
	The decision-rights register lists every decision with its decider position, the others' parts and its limit. A limit with no source is a decision row. The authority matrix is generated from it. 7. **Positions only.** A job description names positions by code and title. It never names a person or a pay amount, and never says what fills the position. 8. **Job families and levels.** Each position carries its job family and its level when a source gives them or the Requesting Authority decides them. With neither, each field reads not given and the position goes on without it. They are never invented. Pay stays outside this AIOC (H-07). 9. **Segregation of duties.** Code checks every position against the segregation-of-duties rules of the controls catalogue (Annex A.11), for example one position both starting and approving the same payment, or both keeping an asset and recording it. Rule 4 is one of these rules. Each breach is listed with any compensating control and put to decision. A rule with no source is a decision row. 10. **Competence profile.** For each step and decision a position holds, the Position Builder states the knowledge and skill it needs, from the organisation's competence framework when a source gives one. The job description lists them as the position's competence profile. A competence that traces to no step or decision fails the lint. It never names a course, a provider or a person. 11. **The objectives cascade.** Code links each one-year goal and each critical number of the release's decided strategy frame (TOM Annex H.1; for a release that carries no strategy frame, each goal a source gives) to the measures of its value streams, then of its processes, then of the steps each position holds (Annex A.12). A goal with no measure under it, or a measure that serves no goal, is a finding. A goal the strategy frame marks not given makes no row; it is listed in the Decision Package, and no goal is written in its place.

Process (SOP)

1. **Position Builder**: propose the positions, with their reasons → position register, draft (evidence: every step and decision placed once).
2. **Chief of Staff**: run the placement and segregation checks by code (rules 1, 2, 4, 9) → check record (evidence: the record).

3. **Chief of Staff**: generate the job descriptions with their competence profiles, the decision-rights register, the authority matrix and the objectives cascade → generated parts (evidence: re-generated byte-identical).
4. **Chief of Staff**: run RP5, then send position rows, limit rows, segregation rules with no source and separation breaches for decision → decided rows (evidence: decision references).

Role card

Field	Content
Name	Position Builder
Position and seat	Position Builder; accountable seat: the PPD Design Lead
Performed by	an agent ([ORG]CELL-PPB, full name PPD Position Builder)
Purpose	group steps and decisions into positions, with reasons
Authority limits	alone: propose positions; never: write a job description, add a role, set a limit, name what fills a position, ask a person
Write location	the run record
Reports to	Chief of Staff
Escalation	to the Chief of Staff; work that fits no role is a return draft
Tools and access	the written processes and the role register only; a fresh context per dispatch
Fixed test and score	TEST-PPD-PPB v3 (§9)
Card version and status	v0.3.0 · draft

Fixed test

TEST-PPD-PPS v3 and TEST-PPD-PPB v3 · result NOT_RUN

5.6 Structure Definition

Field	Content
Name	Structure
Purpose	group the positions into units, set who each position reports to, where positions meet, and how today's organisation maps to the target
Trigger	T5 passed
Inputs	the position register; the release's parts and governance skeleton; the pack's sources of the current organisation
Outputs	the unit register and the unit charters (Annex A.15); reporting lines; organisation charts (generated by code); the forum register with charters; the crosswalk (Annex A.8)
Performed by	the Structure Designer ([ORG]CELL-PSD) in the Structure Pod ([ORG]POD-PS)
Done when	T6 (§5.0)
Field	**Content**
Rules	0. **Units first.** The Structure Designer groups the positions into units under each part of the release: teams, sections, departments, named in the organisation's own words. Each grouping records its reason: the same process or value stream, the same expertise, the same counterpart, the same location, or the release's own grouping. Every position belongs to exactly one unit; every unit holds at least one position, has one head position from among its own positions and one parent unit (the top units of a part sit under the part), and no unit tree forms a loop. Each unit's charter is generated by code from what its positions hold: its mandate (the processes and decisions it is accountable for), its head, its member positions, its forums, its measures and its result line; a charter line that traces to nothing fails the lint. 1. **One line.** Every position has one reporting line, within its part of the release, unless the release's governance places it elsewhere. By default a position reports to its unit's

Field	Content
	head, and a unit's head to the head of the parent unit; a line that departs from the units is a decision row. No line forms a loop. 2. **Spans and layers are checks.** They are reported against span_range and layers_max. A value outside the range is a finding for decision, never an automatic change. 3. **Forums.** Each standing forum the processes need (a committee, a board, a review meeting) has a charter: its purpose, the decisions it takes or advises on, its member positions, its chair position, its cadence, its inputs and its outputs. A forum takes only decisions the decision-rights register gives it. 4. **The crosswalk.** Every current unit, position and process named in the sources is mapped to a target element, or marked retired or not mapped, each with its reason. A retired row is a decision row. 5. **Charts are generated** from the reporting lines, never drawn by hand. 6. **Tiers and the review calendar.** Each forum carries its tier: daily, weekly, monthly, quarterly or annual. Code generates the review calendar from the forum register and the measures each forum reviews. A measure that no forum reviews, or a tier the processes need that no forum holds, is a finding for decision. 7. **The result line.** Each part of the release names the line of the organisation's results it moves most (for example revenue, cost, cash or risk), from a source or a decision. 8. **Structure scenarios.** When structure_scenarios is above one, the Structure Designer proposes that many structures. Code shows them side by side on the same measures: positions, management positions, spans, layers and cost. Cost appears only where the organisation gives cost rates per job family and level as a source; with none, it reads not given. The Requesting Authority chooses one; this AIOC never chooses.

Process (SOP)

1. **Structure Designer**: propose the units with their heads and reasons, the reporting lines and the forums, and draft the crosswalk → structure draft (evidence: one row per unit, position, forum and current element).
2. **Chief of Staff**: run the unit and line checks, the span and layer report, and generate the unit charters, the charts, the review calendar and, with scenarios, the side-by-side view → check record; charts; review calendar; scenario view (evidence: re-generated byte-identical).

3. **Chief of Staff**: run RP6, then send the rows for decision → decided rows (evidence: decision references).

Role card

Field	Content
Name	Structure Designer
Position and seat	Structure Designer; accountable seat: the PPD Design Lead
Performed by	an agent ([ORG]CELL-PSD, full name PPD Structure Designer)
Purpose	units, reporting lines, forums and the crosswalk
Authority limits	alone: propose; never: change a position's steps, move a position out of its role, write a unit charter by hand, change a span or layer to fit a range, retire a current element without a decision, ask a person
Write location	the run record
Reports to	Chief of Staff
Escalation	to the Chief of Staff
Tools and access	the position register, the release and the pack; a fresh context per dispatch
Fixed test and score	TEST-PPD-PSD v3 (§9)
Card version and status	v0.3.0 · draft

Fixed test

TEST-PPD-PS v3 and TEST-PPD-PSD v3 · result NOT_RUN

5.7 Workload Definition

Field	Content
Name	Workload
Purpose	show the work each position carries, traced to its processes
Trigger	T6 passed
Inputs	the volumes and step times of the written processes; the position register; the time available per position per workload_period, from a source or a decision
Outputs	the workload register (Annex A.9), generated by code
Performed by	the Workload Analyst ([ORG]CELL-PWA) in the Structure Pod ([ORG]POD-PS) checks the inputs; the Chief of Staff's code step computes
Done when	T7 (§5.0)

Field	Content
Rules	1. **The sum.** A position's workload for the period is the sum, over the steps it holds, of volume times step time. 2. **Traced.** Every figure names the steps it sums and the source or decided assumption of each input. 3. **Time, not anything else.** The register shows time per period against the time available. It draws no other conclusion. 4. **Gaps stay visible.** A step with no volume or no time is listed as a gap, and its position's figure is marked incomplete. 5. **Peak load.** Where a source gives a peak period and its volume, code computes each position's time needed in that period against its time available (Annex A.14). A peak above the time available is a finding for decision, never a change to a position. 6. **End-to-end time of a value stream.** Code adds the end-to-end times of the processes along each value stream (§5.4, rule 16). A missing term marks it incomplete. 7. **How the work runs today** (**New** in v0.5.0; TOM Annex H.8). The release's current-state activity profile is today's reading of the work, by role-type and process. It may be cited, by its atoms, as the basis of a volume or a step time of a process that replaces a process it names; and code shows today's figure beside the designed one, per process, in the workload register. It is never about a person, and it changes no position. Where it reads no observation, nothing stands in its place.

Process (SOP)

1. **Workload Analyst**: check every input's source or assumption; raise needs candidates for gaps → input check (evidence: one row per step).
2. **Chief of Staff**: compute the register, the peak-load check and the value-stream times by code → workload register; peak-load check (evidence: re-computed byte-identical).
3. **Chief of Staff**: run RP7, then send the time-available row, the assumptions and the peak findings for decision → decided rows (evidence: decision references).

Role card

Field	Content
Name	Workload Analyst
Position and seat	Workload Analyst; accountable seat: the PPD Design Lead
Performed by	an agent ([ORG]CELL-PWA, full name PPD Workload Analyst)
Purpose	make sure every workload input has a source or a decision
Authority limits	alone: check inputs and raise needs candidates; never: estimate a figure, change a position, ask a person
Write location	the run record
Reports to	Chief of Staff
Escalation	to the Chief of Staff
Tools and access	the written processes and the position register; a fresh context per dispatch
Fixed test and score	TEST-PPD-PWA v3 (§9)
Card version and status	v0.3.0 · draft

Fixed test

TEST-PPD-PWA v3 · result NOT_RUN

5.8 Operational Walkthrough

Definition

As in the TOM blueprint v0.5.0 §5.7, carried, read with "processes, positions and decisions" for "operating model". The Situation Author writes situations blind to the design, from a blind brief compiled by code (the parts of the release in scope, the roles, the hand-offs; never the process records). The set is sealed before the walk. The Situation Walker walks each situation through the processes, positions, decisions and forums, and records where it holds and where it breaks: a step with no position, a decision with no decider, a hand-off that ends nowhere, an exception with no escalation, a forum asked to decide what it may not. Done when: T8 (§5.0).

Process (SOP)

As carried: compile the walk input and the blind brief; author; seal; walk; classify; RP8; route each finding (fix upstream, or put to decision).

Role card

Situation Author ([ORG]CELL-PSA) and Situation Walker ([ORG]CELL-PSW), in the Walkthrough Pod ([ORG]POD-PW); as carried, with their own tests.

Fixed test

TEST-PPD-PW v3, TEST-PPD-PSA v3, TEST-PPD-PSW v3 · result NOT_RUN

5.9 Independent Review

Definition

The Review Panel rule of the TOM blueprint v0.5.0 §5.8, carried whole: three to five engines from two or more families review each locked output, alone first, then in a short debate held to quotes; code settles; the PPD Design Lead rules only on what stays contested; at the full level no engine is of an author's family (its rule 4); the Chief of Staff never rules, dismisses, downgrades or lowers. This AIOC's review points: RP0 (P0), RP1 (release-reading record and return drafts), RP2 (architecture), RP3 (critical-process choice), RP4 (each process record), RP5 (positions and generated parts), RP6 (structure), RP7 (workload), RP8 (walk findings), RP9 (the release, before filing), and RPa (each needs pass). Done when: as carried.

Process (SOP)

As carried.

Role card

Blind Reviewers A to E ([ORG]CELL-PBRA to [ORG]CELL-PBRE), in the Review Pod ([ORG]POD-PR); as carried.

Fixed test

TEST-PPD-PR v3 and the tests of its Cells · result NOT_RUN

5.10 Decision Package and Release Definition

Field	Content
Name	Decision Package and Release
Purpose	put every element to the organisation's decision, then freeze, file and hand over the decided design
Trigger	T8 passed
Inputs	every reviewed part of S1 to S8, by hash; the settled review records
Outputs	the quality checks; the Decision Package (Annex A.10); the PPD Release manifest and its parts; the filing receipt; the release notice to [ORG]AIOC-DI (contracts/release-notice.schema.json)
Performed by	the Chief of Staff, by code steps; the PPD Design Lead attests the method
Done when	T9 and T10 (§5.0)

Field	Content
Rules	1. **Every element is decided.** The Decision Package puts each element to the Requesting Authority: ACCEPT, CORRECT or REJECT; then the final status. Silence, or approval of a whole pass, decides nothing (TOM blueprint v0.5.0, docs/CARRIED-RULES.md §5, carried). 2. **Plain words.** The Decision Package states the unknowns, the assumptions and the open returns in plain words. 3. **Frozen and content-addressed.** The manifest lists every part by hash, every pack version, the TOM release it was designed from (ID and manifest hash) and every return sent. 4. **The release lint.** The release holds processes and positions only: no person's name, no pay, nothing on what fills a position, no text of a policy. 5. **Filed and handed over.** The release is filed into Source Lifecycle as a source of origin kind process and position design and read back by hash. Then a release notice goes to [ORG]AIOC-DI (Protocol §20, item 9): the PPD Release ID, version and manifest hash, the TOM Release it rests on, the filed reference, the final-status decision reference, the release it supersedes and the returns it answers; never release text. It is sent once, after the read-back. Where the connection is not signed, it waits on the Panel and nothing of the run waits for it. 6. **Returned to us.** [ORG]AIOC-DI returns defects to this AIOC under the same contract, and each ends by §5.11. A change is a new run whose release supersedes this one. 7. **Approval and re-approval.** Each decided process carries its owner position, the decision that approved it, and its re-approval date, set from re_approval_period. The release lists every process with its date; the stage that runs the organisation raises the review when it falls due. 8. **Set-aside returns are visible.** Every element carried forward on a set-aside return (Annex B.1, rule 5) is listed in the Decision Package in plain words and in the manifest, with its basis and the decision. 9. **Priority carried** (**New** in v0.5.0; TOM Annex H.7). Each process and each position carries the highest decided priority of the release elements it carries; the Decision Package orders its rows by it, and the release states it, so that the stage after this one rolls out in that order.

Process (SOP)

1. **Chief of Staff**: generate the quality checks and the Decision Package; obtain the Design Lead's attestation of T0 to T8 → Decision Package (evidence: hashes).
2. **Chief of Staff**: run RP9; send the element rows and the final status for decision → decided rows (evidence: decision references).
3. **Chief of Staff**: freeze the manifest, run the release lint, file into [ORG]AIOC-SL, read back, send the release notice to [ORG]AIOC-DI → filed PPD Release; release notice (evidence: the filing receipt, the read-back hash, and the notice's hash).

Role card

Performed by the Chief of Staff (§4.2); the attestation by the PPD Design Lead (§13, H-12).

Fixed test

TEST-PPD-COSPPD v3 (cases 64 to 67, 99 and 100) · result NOT_RUN

5.11 Returns from Delivery and Implementation

New in v0.4.0 (decisions/DR-0004). The receiving end of the Library's design return contract for the stage after this one, as the TOM blueprint v0.5.0 §5.10 is for the stage before (carried, Annex E).

Definition

Field	Content
Name	Returns from Delivery and Implementation
Purpose	no defect DI finds in a PPD Release is lost, and none is left open: each ends, so that DI can deliver
Trigger	a return arrives on the connection of [ORG]AIOC-DI; a round's deadline passes; a decision on a return row is recorded; a PPD Release that answers a return is filed
Inputs	a return (Library design return contract, pinned in contracts/PINS.json); its filed copy in Source Lifecycle, by reference; the PPD Release it names
Outputs	the returns log (as TOM Annex E.21, with sender [ORG]AIOC-DI); the return brief and its rows (as TOM Annex E.22); the return at each next version (the return answer); the PPD Design Lead's classification
Performed by	the Chief of Staff, by code steps; the PPD Design Lead classifies
Done when	the return has ended (answered by release, answered by decision, set aside by decision with its carried_forward_on, or withdrawn by DI); the ended return is sent back to DI; the PPD Design Lead has classified it

Field	Content
Rules	1. **Admission.** Admitted only if it validates against the pinned contract, names a PPD Release this AIOC filed with the same manifest hash, has a filed copy that reads back with the same hash, and came on DI's connection; otherwise refused back with the reason, never edited. 2. **Never a change to the release.** A filed PPD Release is never edited; a return is answered only by a new decided PPD Release (a new run that cites the filed return) or by a decision of the Requesting Authority. 3. **accepted asks nothing.** It is recorded and ends at once, answered by release, by the release it names. 4. **A brief made by code; one decision per row.** Three rows, each decided alone: open a new run naming the processes, positions or units to change; answer by decision; or set aside and carry forward as a known defect or a decided assumption. No row names a person; silence decides nothing. 5. **Rounds.** Round 1 opens on receipt, with the deadline return_round_deadline; an answer by release opens the next round when DI returns the same elements again. 6. **Escalation.** Past a deadline, or at return_rounds_max, the return goes to the Requesting Authority with two rows only (answer by decision, or set aside), is raised to the Cell carrying [ORG]HOAC-TM, and is red on both Panels until decided. 7. **A defect of TOM is passed on, never answered here.** Where the defect lies in the TOM Release that the PPD Release rests on, DI returns it to TOM itself (Protocol §20, item 3); this AIOC answers only for its own release. 8. **Classified, never self-graded.** Each ended return is classified by the PPD Design Lead, never by the Chief of Staff, as a defect of this AIOC or normal discovery; a defect becomes a lesson in §12 and a proposed test case.

Process (SOP)

1. **Chief of Staff**: admit or refuse the return by rule 1; record it; show it on the Panel with its age; end an accepted return at once → recorded return (evidence: the returns log, with the return's hash).
2. **Chief of Staff (runs the return-brief code step)**: generate the brief and its rows → return brief (evidence: hash).
3. **Chief of Staff**: send the rows as decision needs requests through [ORG]AIOC-SL (§5.2) → decision rows (evidence: the needs log).

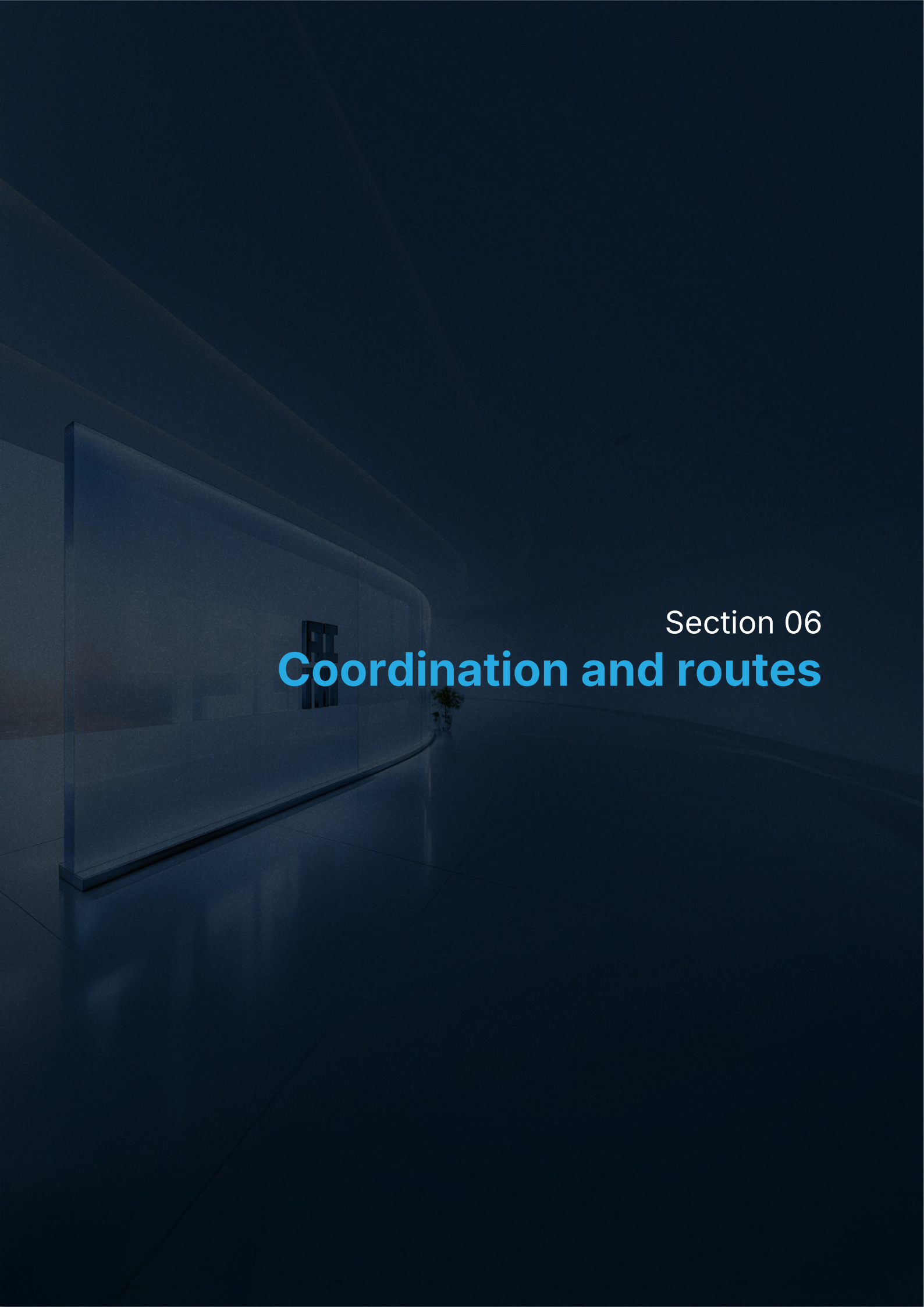
4. **Requesting Authority** (in Source Lifecycle): decide one row → decision reference.
5. **Chief of Staff**: record the decision on the return as its next version; on a new PPD Release that answers it, mark it answered by release; send the answer back to DI on its connection → return answer (evidence: the return's version, valid against the pinned contract).
6. **Chief of Staff**: on DI's next round, repeat 1 to 5; past a deadline, or at return_rounds_max, escalate by rule 6 → escalated return (evidence: the returns log).
7. **PPD Design Lead**: classify each ended return by rule 8 → classification record (evidence: run record, live sign-in).

Role card

Performed by the Chief of Staff (§4.2); the classification by the PPD Design Lead (§13, H-19).

Fixed test

TEST-PPD-COSPPD v3 (cases 101 to 104) and TEST-PPD-PDL v3 (PDL-6) · result NOT_RUN



Section 06

Coordination and routes

- **[ORG]AIOC-TOM.** The operating model source, linked directly (Protocol §17, items 2 and 3).
  - **Routes.** Release notices arrive through the Input socket. Returns leave as Work Items through the output port, each also filed into Source Lifecycle.
  - **The connection.** Signed by the [ORG]HOAC-ACS position over [ORG]AIOC-TOM as connect-external-port, with two scopes: read its decided releases; send returns. A wider scope is grant-or-widen-access. A revocation cuts it at the gateway at once and holds the run.
  - **Loops.** A return is a Work Item to TOM. TOM answers it on that Work Item (and, for an answer by release, with a new release notice); it never opens a new item back to this AIOC, so the chain never loops (Protocol §4.6, item 2). Every return ends (Annex B.1).
- **[ORG]AIOC-SL.** The source of record, and the only route to any person in the organisation.
  - **The connection.** Signed by the [ORG]HOAC-ACS position over [ORG]AIOC-SL as connect-external-port (Protocol §13, item 5), with three scopes: read; needs requests; write only this AIOC's own releases and design reports (its returns).
  - **Needs requests** are sub-items of the run, with chain depth 1.
- **[ORG]AIOC-DI, the next stage, linked directly** (Protocol §20, item 9). **New** in v0.4.0.
  - **Routes.** On every filing of a decided PPD Release, a release notice leaves through the output port (§5.10, rule 5). DI reads the release from Source Lifecycle, by the reference in the notice. DI's returns arrive at the Chief of Staff's port and end by §5.11.
  - **The connection.** One connection with two scopes: release notices to DI; returns from DI and their answers. Signed by the [ORG]HOAC-ACS position over this AIOC, the PPD Design Lead's, as connect-external-port (H-16). A revocation cuts it at the gateway at once; notices and answers wait, shown on the Panel. This AIOC stands alone without it.
  - **Loops.** A return is a Work Item from DI; this AIOC answers it on that Work Item and never opens a new item back.

- **Work Items.**
  - **The run.** One Work Item, opened by the Requesting Authority's Cell through the HU input port. Requested output: a PPD Release (Annex A). Acceptance test: the Requesting Authority's (T9 decided; the manifest valid; the filed reference reads back). Sources: the TOM Release reference and, optionally, the children in scope.
- **[ORG]AIOC-OCO.** It installs, fixes and upgrades this AIOC through the front door. Every proposal, correction or critique of this AIOC's AIs is a design-proposal Work Item to OCO.
- **Routing rows this AIOC contributes.** return → [ORG]AIOC-TOM; return filing → [ORG]AIOC-SL; needs request → [ORG]AIOC-SL; missing report → [ORG]AIOC-SL; PPD Release filing → [ORG]AIOC-SL; release notice → [ORG]AIOC-DI; return answer → [ORG]AIOC-DI.



Section 07

Records and where things live

Record	Home	Source rule
This blueprint, its contracts, tests, decisions and cards	the writing repository <org>aioc-ppd	one home for each thing
The code steps of this blueprint and the PRD	the code project <org>aioc-ppd	one home for each thing
An organisation's run records: Input Pack versions, drafts, difference registers, review records, ruling sheets, traces	<org>aioc-ppd-records; -records-restricted for any run record that touches a Strictly confidential source	append-only; referenced from the release manifest by hash
The organisation's sources, the needs answers, the decisions, the filed PPD Release and the filed returns	[ORG]AIOC-SL	Source Lifecycle is the only home of a source
The TOM Release	[ORG]AIOC-TOM, filed in [ORG]AIOC-SL	read by reference and hash, never copied
The link between positions and whoever holds them	not here: the organisation's own mechanism, outside the system (Standard §1.1, item 9)	never in this AIOC
Work Items	the shared queue	Protocol §2

- **References, not copies.** Atom text and release text are held only in the run workspace. Records store IDs and hashes.
- **Revocation or reclassification.** On a notice from Source Lifecycle or TOM, the run is held and its workspace copies are sealed.
- **Engine ceilings.** No atom or release part is sent to an engine whose confidentiality ceiling is below its level (TOM blueprint v0.5.0 §5.8, rule 17, carried).



Section 08

Tools and the shared AI gateway

Tool	Existing shared tool, or new	If new: asked of the builder as
The TOM connection (release notice in, returns out, answers in)	made on the TOM side in the TOM blueprint v0.5.0	—
The DI connection (release notice out, returns in, answers out)	new on this side; DI's side is in its blueprint (upstream/PROPOSALS.md of <org>aioc-di, item 1)	build items in the code project
The Source Lifecycle connection (output socket, needs requests, filing)	existing in [ORG]AIOC-SL, with the proposed additions already asked by [ORG]AIOC-TOM; the origin kind process and position design is new	a change to [ORG]AIOC-SL proposed through OCO (upstream/PROPOSALS.md, item 2)
The code steps: the socket and the release check; the release-reading check; process checks; draft compare; policy-register compile; placement checks; job-description, decision-rights and authority-matrix generators; line checks, span and layer report, chart generator; workload compute; walk-input compile and blind-brief extract; review code steps (carried); quality checks; release lint	new in this AIOC's code project, one build item per step, each with its tests	build items in the code project

Tool	Existing shared tool, or new	If new: asked of the builder as
The schemas of Annex A, the release notice and the return contract	the release notice is in contracts/; the return contract is the Library's, pinned in contracts/PINS.json; the others are field lists in Annex A, made into schemas before the first run	build items in the code project
Engine calls	through the tool gateway, bound per call from the engine register	—

- **Metering.** Every engine call goes through the tool gateway of the [ORG]AION, metered for this AIOC (Standard §4.4, item 11).
- **Null default.** Every AI Cell runs with no tools, no outside access, no memory and a fresh context for each dispatch.
- **Tests stay hidden from the runners.** No Cell under test sees TEST-PPD, its fixtures or §9.

Tool role	Connector	Access managed in	Part card version
operating model source	[ORG]AIOC-TOM release port	Panel; the grant is signed at the tool gateway as connect-external-port	49GAION Target Operating Model, v1
source of record	[ORG]AIOC-SL output socket	Panel; as above	49GAION Source Lifecycle, v1
next design stage	[ORG]AIOC-DI input port: release notices out, returns in	Panel; signed by the [ORG]HOAC-ACS position over this AIOC (H-16)	49GAION Delivery and Implementation, v1

Mechanism register. Read on 15 October 2026. A row is never deleted.

ID	Mechanism	What it does	Where it lives	Today	Target
M-01	Release check	admits only a decided release whose hash matches its filed copy	—	decided, not built	build

ID	Mechanism	What it does	Where it lives	Today	Target
M-02	Return path to TOM	sends returns, holds touched elements, re-opens on a new release	—	decided, not built	build (with the TOM change)
M-03	Process checks	one accountable role per step; one decider per decision; matched hand-offs	—	decided, not built	build
M-04	Generators	job descriptions, decision-rights register, authority matrix, charts, workload	—	decided, not built	build
M-05	Release lint	keeps the release to processes and positions	—	decided, not built	build
M-06	Review Panel rule	as carried from [ORG]AIOC-TOM	[ORG]AIOC-TOM code project, when built	decided, not built	reuse
M-07	Release notice to DI	announces each filed PPD Release by reference	—	decided, not built	build
M-08	Returns from DI	admission, brief, rounds, escalation and the answer, as TOM's §5.10	[ORG]AIOC-TOM code project, when built	decided, not built	reuse

Reserve.

ID	Idea	Why held	Reconsider when
R-01	Job families and levels in the position register	taken up on 15 October 2026 (§13, H-07); kept here as a record	—
R-02	A shared review service for every design stage, instead of each stage carrying the TOM rule	one more part to build before the first run	a third design stage needs the same rule



Section 09

Fixed tests: index, triggers and scores

The cases are written in tests/TEST-PPD.md (v3). Cases 1 to 22 are the Library's TEST-PROCESS-AND-POSITION-DESIGN v1, cases 1 to 22, unchanged. Cases 23 to 111 are this AIOC's own; case 27 is struck in v2 and replaced by case 98. The Design Lead's seat test is PDL-1 to PDL-6. The Library's TEST-PROCESS-AND-POSITION-DESIGN v2 numbers its added cases 23 to 34 in its own series; they are covered here as follows: 23 → 78 to 81; 24 → 82; 25 → 83, 84; 26 → 95, 96; 27 → 97; 28 → 86; 29 → 87; 30 → 88; 31 → 89, 90; 32 → 85, 94; 33 → 93; 34 → 98, 104. The owner of every part's test is the PPD Design Lead; the owner of the AIOC's whole test, and of the Design Lead's own seat test, is the Cell carrying [ORG]HOAC-TM.

Part	Test ID and version	Cases of TEST-PPD v3	Evidence level	Last run	Result
[ORG]AIOC-PPD (whole)	TEST-PPD v3	all (1–111; 27 struck)	MEASURED	—	NOT_RUN
[ORG]CELL-PDL PPD Design Lead	TEST-PPD-PDL v3	PDL-1 to PDL-6	MEASURED	—	NOT_RUN

Part	Test ID and version	Cases of TEST-PPD v3	Evidence level	Last run	Result
[ORG]CELL-COSPPD Chief of Staff (with Office, Input socket, Needs Requests, Decision Package and Release)	TEST-PPD-COSPPD v3	1–4, 8, 13, 18, 19, 21–26, 29–34, 48, 51, 62, 64–67, 73–75, 83, 84, 86, 87, 90, 92, 94, 96, 98–105, 108, 110	MEASURED	—	NOT_RUN
Panel	default Panel test	—	MEASURED	—	NOT_RUN
[ORG]POD-PRI Release Intake	TEST-PPD-PRI v3	3, 5, 6, 7, 28, 30, 47, 111	MEASURED	—	NOT_RUN
[ORG]CELL-PRR Release Reader	TEST-PPD-PRR v3	3, 5, 28, 30, 47, 111	MEASURED	—	NOT_RUN

Part	Test ID and version	Cases of TEST-PPD v3	Evidence level	Last run	Result
[ORG]POD-PA Architecture	TEST-PPD-PA v3	9, 10, 35–38, 93, 106–109	MEASURED	—	NOT_RUN
[ORG]CELL-PPA Process Architect	TEST-PPD-PPA v3	9, 10, 35–37, 93, 106, 107	MEASURED	—	NOT_RUN
[ORG]POD-PPW Process Writing	TEST-PPD-PPW v3	11, 16, 39–45, 78–82, 86, 91	MEASURED	—	NOT_RUN
[ORG]CELL-PFPA First Process Author	TEST-PPD-PFPA v3	11, 16, 40–45, 78–82, 86, 91	MEASURED	—	NOT_RUN
[ORG]CELL-PSPA Second Process Author	TEST-PPD-PSPA v3	11, 16, 39–45, 78–82, 86, 91	MEASURED	—	NOT_RUN

Part	Test ID and version	Cases of TEST-PPD v3	Evidence level	Last run	Result
[ORG]CELL-PPR Process Reconciler	TEST-PPD-PPR v3	39, 41	MEASURED	—	NOT_RUN
[ORG]POD-PPS Position Shaping	TEST-PPD-PPS v3	12, 13, 20, 46–52, 77, 84, 85, 105	MEASURED	—	NOT_RUN
[ORG]CELL-PPB Position Builder	TEST-PPD-PPB v3	12, 20, 46, 47, 52, 77, 85	MEASURED	—	NOT_RUN
[ORG]POD-PS Structure	TEST-PPD-PS v3	14, 15, 53–58, 87–90, 95–97, 110	MEASURED	—	NOT_RUN
[ORG]CELL-PSD Structure Designer	TEST-PPD-PSD v3	14, 53–56, 87, 88, 95, 97	MEASURED	—	NOT_RUN

Part	Test ID and version	Cases of TEST-PPD v3	Evidence level	Last run	Result
[ORG]CELL-PWA Workload Analyst	TEST-PPD-PWA v3	15, 16, 57, 58, 89, 90, 110	MEASURED	—	NOT_RUN
[ORG]POD-PW Walkthrough	TEST-PPD-PW v3	17, 59, 60	MEASURED	—	NOT_RUN
[ORG]CELL-PSA Situation Author	TEST-PPD-PSA v3	59	MEASURED	—	NOT_RUN
[ORG]CELL-PSW Situation Walker	TEST-PPD-PSW v3	17, 60	MEASURED	—	NOT_RUN
[ORG]POD-PR Review	TEST-PPD-PR v3	22, 61–63	MEASURED	—	NOT_RUN

Part	Test ID and version	Cases of TEST-PPD v3	Evidence level	Last run	Result
[ORG]CELL-PBRA to [ORG]CELL-PBRE Blind Reviewers	TEST-PPD-PBRA v3 to TEST-PPD-PBRE v3	22, 61, 63	MEASURED	—	NOT_RUN
Type (Specialised)	TEST-PPD v3, case 76	76	MEASURED	—	NOT_RUN

- **Re-run triggers.** The template defaults, plus any change to the pin of the Library's design return contract, to the release notice contract, to the TOM release or notice format, to the Source Lifecycle output socket, or to the release lint's word list.
- **Complete** only when every part'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
Outbound name check: no person's name in any return, needs request or release part	router	each outbound message	none	the message

Process and Position Design

Check	Placement	Budget per item	Degradation order	Blocks only for
Release lint	as evidence on the verdict record of RP9	each release	none	the filing
Re-generation check: every generated part re-generates by te-identical	inside the producer's loop, at most 2 fix rounds	each generated part	none	the stage's gate
Return reconciliation: every return sent has a filed copy with the same hash	after completion	daily	none; a failure opens a defect	nothing; it flags
Return clock: every open return, both ways, shows its round and deadline; a return past its deadline is escalated	the router	each return	none	nothing; it raises



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 names this file's commit
Back office	§4.2 role card and SOP (instruction); §4 to §5 (knowledge)	the back office records the commit it was built from
Card in the protocol AIOC's map	§1	the register links this file
Cards of the Pods and Cells, and the bot identity cards	§17	cards/, by tools/make_cards.py
The validators of the release notice and of this AIOC's return examples	contracts/release-notice.schema.json; the Library's design return contract at the commit pinned in contracts/PINS.json	tools/check_contracts.py

Delivery path: definition change → tests → Panel and Back office update → one-click rollback to the previous commit.



Section 11

Exceptions

1. **The Chief of Staff never asks the organisation's people anything.** It reaches the organisation only through the Chief of Staff of [ORG]AIOC-SL. Reason: as for [ORG]AIOC-TOM (its §11, item 1); a design rests on recorded sources, never on words spoken to the designer.
2. **The Back office does not converse with humans** (converses_with_humans: false). Reason: as in item 1.
3. **Two operating sources.** The template's Input socket takes sources. This one also takes a design release directly from another AIOC, by reference and hash, and returns defects to it. Reason: the direction of the governing seat that this AIOC is linked to the TOM itself (decisions/DR-0001; Protocol §17, items 2 and 3).
4. **Rules carried by reference.** The Review Panel rule, the two-author rule, labels, decision rules and the receiving end of returns are carried from the TOM blueprint v0.6.0 by section, not restated. A change there reaches this AIOC only when this blueprint pins the new version (Annex E).



Section 12

Lessons and proposals to the mother

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

1. 2026-10-15 · The stage after the operating model was first framed as positions alone. Leading design practice designs processes and decision rights with the roles, processes first. Test question added: case 12 (no position without a step or decision). This text is the mother.
2. 2026-10-15 · A stage that reads a design release must be able to send defects back to the stage that made it, without a person relaying them. Test question added: cases 5 to 7. Proposed: the TOM changes in upstream/PROPOSALS.md, item 1.
3. 2026-10-15 · Fifteen products that design, launch or run organisations were taken apart from public material, and each useful feature was placed in the stage where it truly belongs. Those that belong here: the facts of each step, controls and segregation of duties, the objectives cascade, measures of three kinds, structure scenarios, peak load, variants, modelling conventions, forum tiers, end-to-end time and re-approval. Anything that rates or watches a person was not taken. Test questions added: cases 78 to 94 (decisions/DR-0002). Proposed: upstream/PROPOSALS.md, item 5.
4. 2026-10-15 · A review of what launching an organisation needs after this stage found three small additions that belong here: a competence profile in each job description; risk, control and record per step; measure definitions and the review calendar beside the forums. Test questions added: cases 82, 85 and 87 (decisions/DR-0002).
5. 2026-10-15 · Positions alone do not make an organisation that can launch: they must be grouped into units, each with a head and a mandate, and that grouping belongs in the same stage as the positions. Test questions added: cases 95 to 97 (decisions/DR-0003).
6. 2026-10-16 · A return that can only wait does not end, and a stage that is never told of a release learns of it late. Returns, both ways, now follow the Library's contract and always end; the stage after this one is told of each release directly. Test questions added: cases 98 to 104 (decisions/DR-0004; 49GAION/DR-0016, DR-0018).

7. 2026-10-16 · The stage before this one now states what this stage needs to start: the strategy, how each capability is delivered, which streams are critical, each outside party's journey, a priority per element, and how the work runs today. This stage reads them and never fills them. Test questions added: cases 105 to 111 (decisions/DR-0005).



Section 13

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

Every decision that only a human seat can take is listed here once. Silence decides nothing; a general approval decides no row.

ID	Decision	Seat	Default
H-01	Name the Requesting Authority's Cell: the GOV Cell itself, or a human Cell to which it delegates the design decisions (delegate-authority)	GOV	none: T0 fails
H-02	**The organisation's own mechanism.** Who holds the PPD Design Lead position and any HOAC position added to this AIOC, 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 AIOC does not join
H-03	Install [ORG]AIOC-PPD (create-or-install-unit); its change-parent; its restart-stopped-unit	the Cell carrying [ORG]HOAC-TM	none
H-04	Accept the TOM changes that let this AIOC read releases directly and send returns (upstream/PROPOSALS.md, item 1; made in the TOM blueprint v0.5.0)	the Cell carrying [ORG]HOAC-TM, made through OCO	required before joining
H-05	Accept the Source Lifecycle origin kind process and position design and this AIOC's filing scope (upstream/PROPOSALS.md, item 2)	the Cell carrying [ORG]HOAC-TM, made through OCO	required before joining

ID	Decision	Seat	Default
H-06	The connection grants to TOM and to Source Lifecycle (connect-external-port), their widening and revocation	the [ORG]HOAC-ACS positions over [ORG]AIOC-TOM and [ORG]AIOC-SL	none: T0 fails
H-07	**People.** Job families and levels in the position register. **Decided by GOV, 15 October 2026** (decisions/DR-0001, item 8): carried, from a source or a decision of the Requesting Authority; not given when neither gives them; never invented. Pay stays outside this AIOC in every case	GOV (decided); the Requesting Authority for each value with no source	carried
H-08	review_budget_per_run, reduced_review_permitted and the AIOC's budget_cap	the Cell carrying [ORG]HOAC-TM	none: must be set; reduced review no
H-09	span_range, layers_max, workload_period, re_approval_period and structure_scenarios	the Cell carrying [ORG]HOAC-TM	none: must be set; structure_scenarios 1
H-10	Open the run; name the children in scope	Requesting Authority	none: no run

ID	Decision	Seat	Default
H-11	The rows of S1 to S9: architecture; critical choice and order; assumptions; contradictions; control gaps; measure targets; positions; units and their heads; decision limits; job families and levels with no source; segregation rules with no source; separation breaches; reporting lines; forums; span and layer findings; result lines with no source; the structure scenario; crosswalk rows marked retired; time available; peak findings; walk notices; each element and the final status	Requesting Authority	undecided
H-12	Inside a run: rule on contested MATERIAL findings; accept a reduced level within H-08; approve a second run; attest T0 to T8	the PPD Design Lead	none taken; the step waits
H-13	Create <org>aioc-ppd-records and -records-restricted, recorded first (Naming Standard R9)	the Cell carrying [ORG]HOAC-TM	before the first run
H-14	Send the drafts of upstream/ to 49GAION or to the parts they concern	GOV	after this blueprint is approved
H-15	Approve this blueprint v0.5.3 as the design of [ORG]AIOC-PPD	the human hub	it stays a draft; nothing is installed

ID	Decision	Seat	Default
H-16	The connection with [ORG]AIOC-DI (release notices out; returns in, and their answers) (connect-external-port), its widening (grant-or-widen-access) and its revocation	the [ORG]HOAC-ACS position over this AIOC (the PPD Design Lead's)	none: no notice is sent and no return is received; this AIOC stands alone
H-17	return_round_deadline and return_rounds_max (§15)	the Cell carrying [ORG]HOAC-TM	none: must be set; until set, every admitted return from DI goes straight to the Requesting Authority with two rows
H-18	Each row on a return, both ways: for a return from DI (§5.11), open a new run, answer by decision, or set aside on a stated basis; for a return this AIOC sent to TOM, the same rows reach the Requesting Authority through TOM	Requesting Authority	undecided; past its deadline, escalated
H-19	Classify each ended return from DI: a defect of this AIOC, or normal discovery (§5.11, rule 8)	the PPD Design Lead	none taken; the classification waits, shown on the Panel

Money: the budget cap and the review budget (H-08). **People:** H-07 (decided); this AIOC designs positions, never who fills them. **Legal:** none decided here.



Section 14

Change log

Blueprint version	Date	Change	Template version	Commit
v0.1.0	2026-10-15	First blueprint of [ORG]AIOC-PPD, the mother text of the Library part 49GAION Process and Position Design (Protocol §17, proposed): ten stages, processes first; the direct link to [ORG]AIOC-TOM, with returns; positions only; TEST-PPD v1	v1.5.0 at e89ed1d	this commit
v0.2.0	2026-10-15	The additions of decisions/DR-0002, from the study of fifteen rival products and the launch-readiness review: the facts of each step; risk, control and record per step, the controls catalogue and segregation of duties; competence profiles; the objectives cascade and measures of three kinds; forum tiers and the review calendar; structure scenarios; the peak-load check and end-to-end times; variants; modelling conventions; reference models as methods; approval and re-approval. Release parts A.11 to A.14; TEST-PPD v1, cases 78 to 94. Supersedes v0.1.0	v1.5.0 at e89ed1d	65403ae (pull request #2)
v0.3.0	2026-10-15	Units in this stage (decisions/DR-0003): positions grouped into units, each with its head position and a charter generated by code; reporting lines follow the units unless decided otherwise; release part A.15; TEST-PPD v1, cases 95 to 97. Supersedes v0.2.0	v1.5.0 at e89ed1d	this pull request
v0.4.0	2026-10-16	Connects the chain on both sides (decisions/DR-0004; 49GAION/DR-0016, DR-0017, DR-0018): returns to TOM follow the Library's design return contract, pinned in contracts/PINS.json, count their rounds and always end, and an element of a return set aside goes forward on its stated basis, listed in the release (§5.1; Annex B.1); this AIOC's own release-return contract is superseded by the Library's; each decided PPD Release is announced to [ORG]AIOC-DI by a release notice (contracts/release-notice.schema.json); DI's returns are received and carried to an end (§5.11, new); slots return_round_deadline and return_rounds_max; H-16 to H-19; the mother is part card v2; the TOM rules are carried from the TOM blueprint v0.5.0. TEST-PPD v2: cases 98 to 104 and PDL-6, case 27 struck; the Library's v2 cases mapped (§9). Supersedes v0.3.0	v1.5.0 at e89ed1d	this pull request

Blueprint version	Date	Change	Template version	Commit
v0.5.0	2026-10-16	Reads what the TOM release now also states (decisions/DR-0005; TOM blueprint v0.6.0, Annex H); removes nothing. The release-reading record covers the strategy frame, journeys, value case and activity profile (§5.1 rule 2); critical value streams join the critical-process proposal and priority orders it (§5.3 rule 5); a capability delivered outside becomes a hand-off with oversight steps (§5.3 rule 8); journeys and maturity checked (§5.3 rules 9, 10); the objectives cascade starts from the strategy frame (§5.5 rule 11; A.12); today's activity profile beside the designed workload (§5.7 rule 7; A.9); priority carried into the release (§5.10 rule 9; A.2); Annex D items 20 and 21; Annex E pins TOM v0.6.0. TEST-PPD v3 (cases 105–111)	v1.5.0	this pull request
v0.5.1	2026-10-19	The Chief of Staff takes its COS code: [ORG]CELL-PCS → [ORG]CELL-COSPPD (Naming Standard R16, 49GAION/DR-0028; decisions/DR-0006). The old code is retired and kept in the card's lineage; the part test is renamed; nothing else changes	v1.5.0	this repository's pull request for this version
v0.5.2	2026-10-29	Released on the governing seat's word (decisions/DR-0009): it carries the records since v0.5.1, decisions/DR-0007, decisions/DR-0008; positions only (49GAION/DR-0048, DR-0049). Every card takes v0.5.2; the Protocol pin moves to the Operating Protocol v2.1.0. No other rule changes.		
v0.5.3	2026-10-29	Corrections under 49GAION/DR-0052 (decisions/DR-0010): the rules carried from the Target Operating Model cite v0.6.0, as Annex E pins; the gateway runs as code beside the core. Every card takes v0.5.3. The Protocol pin moves to the Operating Protocol v2.2.0. No rule of this part is added or dropped.		



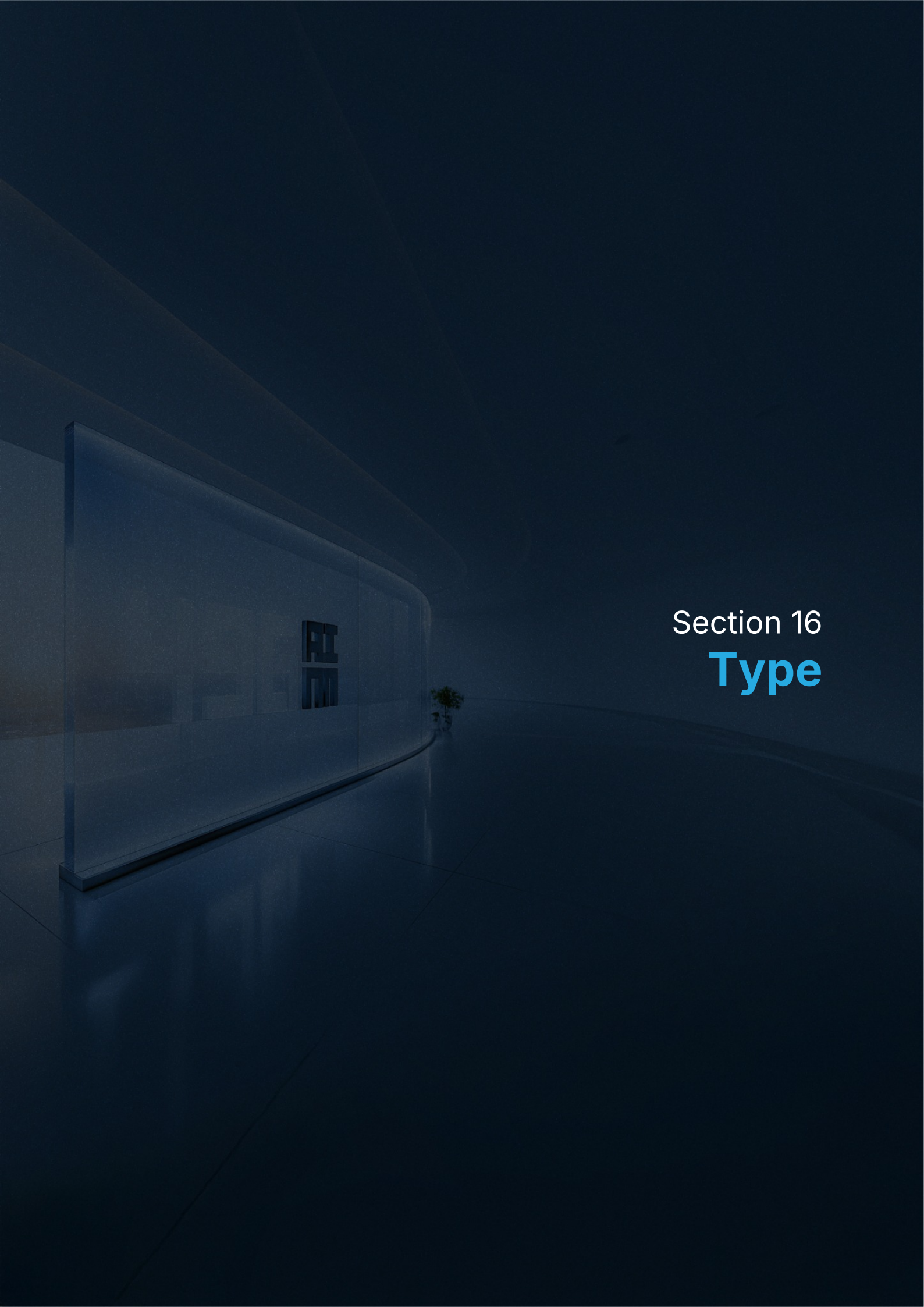
Section 15

Configuration

The template's slots, all none: must be set until the organisation sets them (Protocol §11), plus these slots of this AIOC:

Slot	Card key	Default offered	Allowed values	Set by
Requesting Authority Cell	requesting_authority_cell	none: must be set	the Cell carrying [ORG]HOAC-GOV, or a human Cell it delegated the design decisions to	the Cell carrying [ORG]HOAC-GOV
Rows per needs pass	rows_per_pass	12	1–12	PPD Design Lead
Passes past their deadline before a non-response stop	non_response_passes	none: must be set	≥ 1	the Cell carrying [ORG]HOAC-TM
Engines per review point	review_engines	3	3–5	PPD Design Lead, within the review budget
Families per review	review_families_min	2	2–3	PPD Design Lead
Reduced review permitted	reduced_review_permitted	no	yes, no	the Cell carrying [ORG]HOAC-TM (never this AIOC's own [ORG]HOAC-ACS position)
Review budget per run	review_budget_per_run	none: must be set	within budget_cap	the Cell carrying [ORG]HOAC-TM
Span range	span_range	none: must be set	a lower and an upper bound	the Cell carrying [ORG]HOAC-TM
Most layers	layers_max	none: must be set	≥ 1	the Cell carrying [ORG]HOAC-TM
Return round deadline	return_round_deadline	none: must be set	a period	the Cell carrying [ORG]HOAC-TM
Most rounds of a return	return_rounds_max	none: must be set	≥ 1	the Cell carrying [ORG]HOAC-TM

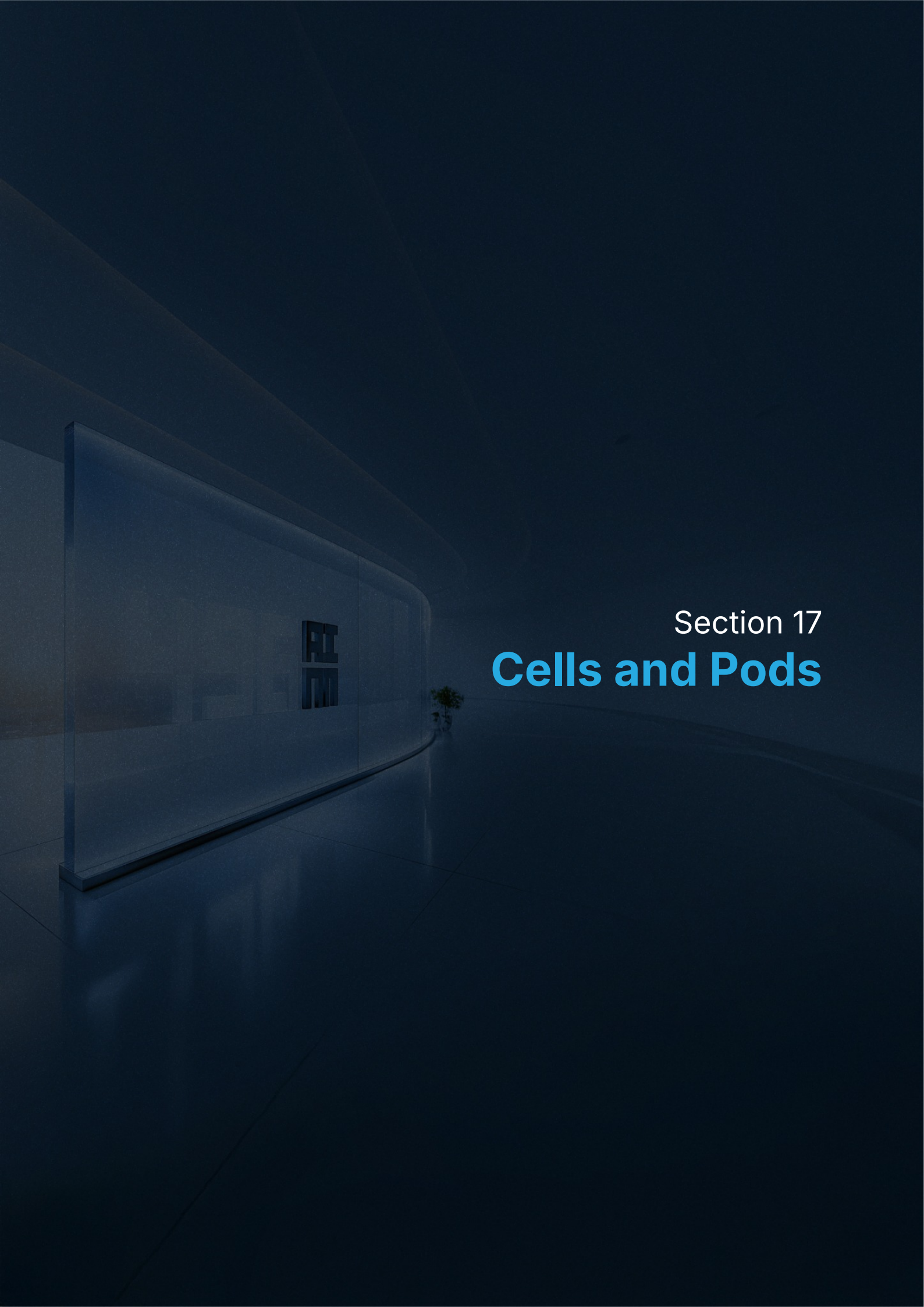
Slot	Card key	Default offered	Allowed values	Set by
Workload period	workload_period	none: must be set	a week, a month or a year	PPD Design Lead
Re-approval period	re_approval_period	none: must be set	a period, for example twelve months	the Cell carrying [ORG]HOAC-TM
Structure scenarios	structure_scenarios	1	1–3	the Cell carrying [ORG]HOAC-TM
Modelling conventions	modelling_conventions	the base set: §5.4 rules 1 to 5 and 11 as error; naming and layout rules as warning	the base set plus the organisation's own rules, each error or warning; the base set is never lowered	PPD Design Lead
Template slots	office_accountable_human, central_head, discussion_limits, waiting_deadlines, bounce_limit, chain_depth (at least 1), halt_request_priority (immediate), budget_cap, unattended_action (read-record-triage), and the v1.6.0 rows	as the template	—	as the template



Section 16

Type

- **Type:** Specialised.
- **Why this AIOC exists:** an organisation needs its processes and positions designed from its decided operating model, traced to it and decided by its own authority.
- **Type-specific test:** TEST-PPD v3, case 76 · 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 PPD Design Lead. Every field that points to a human takes a position code only.

Code	Kind	Type	Filler kind	HOAC label	Parent	Fixed test (owner)	External ports
[ORG]CELL-PDL	CELL	Human Seat	human	[ORG]HOAC-ACS	[ORG]AIOC-PPD	TEST-PPD-PDL v3 (the Cell carrying [ORG]HOAC-TM)	none
[ORG]CELL-COSPPD	CELL	AI Chief of Staff	ai	none	[ORG]AIOC-PPD	TEST-PPD-COSPPD v3 ([ORG]CELL-PDL)	tom-in, tom-out, sl-in, sl-out, di-in, di-out
[ORG]POD-PRI	POD	AI Pod	—	none	[ORG]AIOC-PPD	TEST-PPD-PRI v3 ([ORG]CELL-PDL)	—
[ORG]CELL-PRR	CELL	AI Agent	ai	none	[ORG]POD-PRI	TEST-PPD-PRR v3 ([ORG]CELL-PDL)	none
[ORG]POD-PA	POD	AI Pod	—	none	[ORG]AIOC-PPD	TEST-PPD-PA v3 ([ORG]CELL-PDL)	—
[ORG]CELL-PPA	CELL	AI Agent	ai	none	[ORG]POD-PA	TEST-PPD-PPA v3 ([ORG]CELL-PDL)	none
[ORG]POD-PPW	POD	AI Pod	—	none	[ORG]AIOC-PPD	TEST-PPD-PPW v3 ([ORG]CELL-PDL)	—
[ORG]CELL-PFPA	CELL	AI Agent	ai	none	[ORG]POD-PPW	TEST-PPD-PFPA v3 ([ORG]CELL-PDL)	none

Code	Kind	Type	Filler kind	HOAC label	Parent	Fixed test (owner)	External ports
[ORG]CELL-PSPA	CELL	AI Agent	ai	none	[ORG]POD-PPW	TEST-PPD-PSPA v3 ([ORG]CELL-PDL)	none
[ORG]CELL-PPR	CELL	AI Agent	ai	none	[ORG]POD-PPW	TEST-PPD-PPR v3 ([ORG]CELL-PDL)	none
[ORG]POD-PPS	POD	AI Pod	—	none	[ORG]AIOC-PPD	TEST-PPD-PPS v3 ([ORG]CELL-PDL)	—
[ORG]CELL-PPB	CELL	AI Agent	ai	none	[ORG]POD-PPS	TEST-PPD-PPB v3 ([ORG]CELL-PDL)	none
[ORG]POD-PS	POD	AI Pod	—	none	[ORG]AIOC-PPD	TEST-PPD-PS v3 ([ORG]CELL-PDL)	—
[ORG]CELL-PSD	CELL	AI Agent	ai	none	[ORG]POD-PS	TEST-PPD-PSD v3 ([ORG]CELL-PDL)	none
[ORG]CELL-PWA	CELL	AI Agent	ai	none	[ORG]POD-PS	TEST-PPD-PWA v3 ([ORG]CELL-PDL)	none
[ORG]POD-PW	POD	AI Pod	—	none	[ORG]AIOC-PPD	TEST-PPD-PW v3 ([ORG]CELL-PDL)	—
[ORG]CELL-PSA	CELL	AI Agent	ai	none	[ORG]POD-PW	TEST-PPD-PSA v3 ([ORG]CELL-PDL)	none
[ORG]CELL-PSW	CELL	AI Agent	ai	none	[ORG]POD-PW	TEST-PPD-PSW v3 ([ORG]CELL-PDL)	none

Code	Kind	Type	Filler kind	HOAC label	Parent	Fixed test (owner)	External ports
[ORG]POD-PR	POD	AI Pod	—	none	[ORG]AIOC-PPD	TEST-PPD-PR v3 ([ORG]CELL-PDL)	—
[ORG]CELL-PBRA … [ORG]CELL-PBRE	CELL	AI Agent	ai	none	[ORG]POD-PR	TEST-PPD-PBRA v3 … TEST-PPD-PBRE v3 ([ORG]CELL-PDL)	none

The card data (the blueprint governs). tools/make_cards.py expands the block below into the complete unit cards and bot identity cards, writes them into cards/, and checks them against the schemas of 49GAION-protocol, the code rules of its tests/cards/check_cards.py, Naming Standard R15 and R16, and this blueprint.

```
parts:
  defaults:
    accountable_to: "[ORG]CELL-PDL"
    card_version: "v0.5.3"
    version: "0.3.0"
    lifecycle_state: "designed"
    test_version: "v3"
    test_owner: "[ORG]CELL-PDL"
    audit_trail: "the run record of [ORG]AIOC-PPD"
    hu_in: ["run control and configuration from the PPD Design Lead (never a source)"]
    hu_out: ["run report to the PPD Design Lead"]
  cells:
    - code: "[ORG]CELL-PDL"
      full_name: "PPD Design Lead"
      parent: "[ORG]AIOC-PPD"
      type: "Human Seat"
      filler_kind: "human"
      hoac: "[ORG]HOAC-ACS"
```

```
      accountable_to: "[ORG]CELL-TMS"       # example code of the Cell carrying [OR
G]HOAC-TM
      entity: "<entity>"
      authority_scope:
        decision_types: ["change-fixed-test-or-threshold", "create-or-install-unit"
, "change-filler", "retire-unit", "restart-stopped-unit"]
        entity: "<entity>"
        expires: "2027-10-15"               # placeholder; each organisation sets
it
        authority: "delegated"
      test: { id: "TEST-PPD-PDL", cases: "PDL-1 to PDL-6", owner: "[ORG]CELL-TMS" }
      ai_in: ["run brief", "ruling sheets for contested MATERIAL findings", "releas
e notice", "ended returns from DI to classify"]
      ai_out: ["run control and configuration"]
      hu_in: ["direction from the Cell carrying [ORG]HOAC-TM"]
      hu_out: ["rulings, attestations, reduced-level acceptances and the classifica
tion of ended returns, under live sign-in", "report to the Cell carrying [ORG]HOAC-
TM"]
    - code: "[ORG]CELL-COSPPD"
      code_rule: "R16"                     # 49GAION/DR-0028; replaces [ORG]CELL-PC
S (retired, R5)
      lineage: { id: "[ORG]CELL-PCS", version: "0.3.0", relation: "derived" }
      full_name: "PPD Chief of Staff"
      role: "Chief of Staff"
      parent: "[ORG]AIOC-PPD"
      type: "AI Chief of Staff"
      filler_kind: "ai"
      cell_kind: "chief-of-staff-cell"
      test: { id: "TEST-PPD-COSPPD", cases: "1-4, 8, 13, 18, 19, 21-26, 29-34, 48,
51, 62, 64-67, 73-75, 83, 84, 86, 87, 90, 92, 94, 96, 98-104" }
      ai_in: ["release notice", "return answer", "return", "source reference", "nee
ds answer", "needs status", "needs candidate", "return draft", "locked outputs of t
he Pods", "settled review records"]
      ai_out: ["Input Pack version", "dispatch to a Pod", "review packet", "return"
, "needs request", "missing report", "generated parts", "PPD Release filing", "rele
ase notice", "return brief", "return answer"]
```

```
      hu_out: ["run brief to the PPD Design Lead", "ruling sheets to the PPD Design
 Lead", "release notice to the Requesting Authority's Cell"]

      external_ports:

        - { port: "tom-in", direction: "input", accepted_content: ["release notice"
, "return answer"], authority_limit: "the read scope signed under connect-external-
port over [ORG]AIOC-TOM", audit_trail: "unit register connected and disconnected ev
ents; serve log of [ORG]AIOC-TOM" }

        - { port: "tom-out", direction: "output", accepted_content: ["return"], aut
hority_limit: "returns only, under the scope signed over [ORG]AIOC-TOM", audit_trai
l: "unit register; the Work Item record" }

        - { port: "sl-in", direction: "input", accepted_content: ["source reference
", "needs answer", "needs status"], authority_limit: "the read scope signed under c
onnect-external-port over [ORG]AIOC-SL", audit_trail: "unit register; serve log of
[ORG]AIOC-SL" }

        - { port: "sl-out", direction: "output", accepted_content: ["needs request"
, "missing report", "return filing", "PPD Release filing"], authority_limit: "the r
equest and write scope signed over [ORG]AIOC-SL: this AIOC's own releases and desig
n reports only", audit_trail: "unit register; serve log of [ORG]AIOC-SL" }

        - { port: "di-out", direction: "output", accepted_content: ["release notice
", "return answer"], authority_limit: "notices and answers by reference only, under
 the scope signed under connect-external-port over this AIOC", audit_trail: "unit r
egister; the Work Item record" }

        - { port: "di-in", direction: "input", accepted_content: ["return"], author
ity_limit: "returns only, under the scope signed under connect-external-port over t
his AIOC", audit_trail: "unit register; the Work Item record" }

      bot:

        allowed_actions: ["dispatch Cells of this AIOC", "build Input Pack versions
 through the code steps", "lock outputs and run code steps", "draw review engines a
nd run the review code steps", "write the run record", "send reviewed returns to [O
RG]AIOC-TOM and file them in [ORG]AIOC-SL", "send needs requests and Missing Report
s to [ORG]AIOC-SL", "generate job descriptions, registers, charts and workload thro
ugh the code steps", "file a release whose elements are decided", "send release not
ices to [ORG]AIOC-DI after filing", "admit or refuse a return from [ORG]AIOC-DI by
the pinned contract and record it", "generate return briefs through the code step a
nd send their rows to [ORG]AIOC-SL", "send return answers to [ORG]AIOC-DI"]

        ask_first_actions: ["a second run in parallel", "a budget above the cap", "
a reduced review level", "any change to configuration", "anything outside its role
card"]

    - { code: "[ORG]CELL-PRR", full_name: "PPD Release Reader", role: "Release Read
er", parent: "[ORG]POD-PRI", type: "AI Agent", filler_kind: "ai", test: { id: "TEST
-PPD-PRR", cases: "3, 5, 28, 30, 47" }, ai_in: ["Input Pack version", "the TOM rele
ase, role register first"], ai_out: ["release-reading record", "return draft"], bot
: { allowed_actions: ["read and account for every element of the release", "draft r
```

eturns with their evidence"], ask_first_actions: ["anything outside its role card"] } }

- { code: "[ORG]CELL-PPA", full_name: "PPD Process Architect", role: "Process Architect", parent: "[ORG]POD-PA", type: "AI Agent", filler_kind: "ai", test: { id: "TEST-PPD-PPA", cases: "9, 10, 35-37, 93" }, ai_in: ["release-reading record", "Input Pack version"], ai_out: ["process architecture draft", "critical-process proposal", "return draft", "needs candidate"], bot: { allowed_actions: ["draft the process architecture with its trace", "propose the critical processes and their order"], ask_first_actions: ["anything outside its role card"] } }

- { code: "[ORG]CELL-PFPA", full_name: "PPD First Process Author", role: "First Process Author", parent: "[ORG]POD-PPW", type: "AI Agent", filler_kind: "ai", test: { id: "TEST-PPD-PFPA", cases: "11, 16, 40-45, 78-82, 86, 91" }, ai_in: ["architecture entry", "release elements", "Input Pack atoms"], ai_out: ["process record draft", "return draft", "needs candidate"], bot: { allowed_actions: ["write a process record, blind to the other author"], ask_first_actions: ["anything outside its role card"] } }

- { code: "[ORG]CELL-PSPA", full_name: "PPD Second Process Author", role: "Second Process Author", parent: "[ORG]POD-PPW", type: "AI Agent", filler_kind: "ai", test: { id: "TEST-PPD-PSPA", cases: "11, 16, 39-45, 78-82, 86, 91" }, ai_in: ["architecture entry", "release elements", "Input Pack atoms"], ai_out: ["process record draft", "return draft", "needs candidate"], bot: { allowed_actions: ["write a process record, blind to the other author"], ask_first_actions: ["anything outside its role card"] } }

- { code: "[ORG]CELL-PPR", full_name: "PPD Process Reconciler", role: "Process Reconciler", parent: "[ORG]POD-PPW", type: "AI Agent", filler_kind: "ai", test: { id: "TEST-PPD-PPR", cases: "39, 41" }, ai_in: ["two locked drafts", "difference register", "the atoms and elements the drafts cite"], ai_out: ["reconciled process record", "the dispositions of the difference register"], bot: { allowed_actions: ["reconcile two locked drafts, disposing each difference with its reason"], ask_first_actions: ["anything outside its role card"] } }

- { code: "[ORG]CELL-PPB", full_name: "PPD Position Builder", role: "Position Builder", parent: "[ORG]POD-PPS", type: "AI Agent", filler_kind: "ai", test: { id: "TEST-PPD-PPB", cases: "12, 20, 46, 47, 52, 77, 85" }, ai_in: ["written processes", "role register"], ai_out: ["position register draft", "return draft"], bot: { allowed_actions: ["group steps and decisions into positions, with reasons"], ask_first_actions: ["anything outside its role card"] } }

- { code: "[ORG]CELL-PSD", full_name: "PPD Structure Designer", role: "Structure Designer", parent: "[ORG]POD-PS", type: "AI Agent", filler_kind: "ai", test: { id: "TEST-PPD-PSD", cases: "14, 53-56, 87, 88, 95, 97" }, ai_in: ["position register", "release parts and governance", "Input Pack atoms"], ai_out: ["unit register", "reporting lines", "forum register", "crosswalk"], bot: { allowed_actions: ["propose units, reporting lines and forums", "draft the crosswalk"], ask_first_actions: ["anything outside its role card"] } }

- { code: "[ORG]CELL-PWA", full_name: "PPD Workload Analyst", role: "Workload Analyst", parent: "[ORG]POD-PS", type: "AI Agent", filler_kind: "ai", test: { id: "T

EST-PPD-PWA", cases: "15, 16, 57, 58, 89, 90" }, ai_in: ["written processes", "posi
tion register"], ai_out: ["workload input check", "needs candidate"], bot: { allowe
d_actions: ["check each workload input's source or assumption", "raise needs candid
ates for gaps"], ask_first_actions: ["anything outside its role card"] } }

    - { code: "[ORG]CELL-PSA", full_name: "PPD Situation Author", role: "Situation
Author", parent: "[ORG]POD-PW", type: "AI Agent", filler_kind: "ai", test: { id: "T
EST-PPD-PSA", cases: "59" }, ai_in: ["blind brief"], ai_out: ["blind situation pack
"], bot: { allowed_actions: ["write the blind situation pack"], ask_first_actions:
["anything outside its role card"] } }

    - { code: "[ORG]CELL-PSW", full_name: "PPD Situation Walker", role: "Situation
Walker", parent: "[ORG]POD-PW", type: "AI Agent", filler_kind: "ai", test: { id: "T
EST-PPD-PSW", cases: "17, 60" }, ai_in: ["sealed situation set", "walk input"], ai_
out: ["trace", "finding register"], bot: { allowed_actions: ["walk sealed situation
s", "classify findings"], ask_first_actions: ["anything outside its role card"] } }

    - { code: "[ORG]CELL-PBRA", full_name: "PPD Blind Reviewer A", role: "Blind Rev
iewer A", parent: "[ORG]POD-PR", type: "AI Agent", filler_kind: "ai", test: { id: "
TEST-PPD-PBRA", cases: "22, 61, 63" }, ai_in: ["review packet", "collated findings
of its review"], ai_out: ["review card", "positions on findings"], bot: { allowed_a
ctions: ["write its own review card", "state its own positions on the findings of i
ts review"], ask_first_actions: ["anything outside its role card"] } }

    - { code: "[ORG]CELL-PBRB", full_name: "PPD Blind Reviewer B", role: "Blind Rev
iewer B", parent: "[ORG]POD-PR", type: "AI Agent", filler_kind: "ai", test: { id: "
TEST-PPD-PBRB", cases: "22, 61, 63" }, ai_in: ["review packet", "collated findings
of its review"], ai_out: ["review card", "positions on findings"], bot: { allowed_a
ctions: ["write its own review card", "state its own positions on the findings of i
ts review"], ask_first_actions: ["anything outside its role card"] } }

    - { code: "[ORG]CELL-PBRC", full_name: "PPD Blind Reviewer C", role: "Blind Rev
iewer C", parent: "[ORG]POD-PR", type: "AI Agent", filler_kind: "ai", test: { id: "
TEST-PPD-PBRC", cases: "22, 61, 63" }, ai_in: ["review packet", "collated findings
of its review"], ai_out: ["review card", "positions on findings"], bot: { allowed_a
ctions: ["write its own review card", "state its own positions on the findings of i
ts review"], ask_first_actions: ["anything outside its role card"] } }

    - { code: "[ORG]CELL-PBRD", full_name: "PPD Blind Reviewer D", role: "Blind Rev
iewer D", parent: "[ORG]POD-PR", type: "AI Agent", filler_kind: "ai", test: { id: "
TEST-PPD-PBRD", cases: "22, 61, 63" }, ai_in: ["review packet", "collated findings
of its review"], ai_out: ["review card", "positions on findings"], bot: { allowed_a
ctions: ["write its own review card", "state its own positions on the findings of i
ts review"], ask_first_actions: ["anything outside its role card"] } }

    - { code: "[ORG]CELL-PBRE", full_name: "PPD Blind Reviewer E", role: "Blind Rev
iewer E", parent: "[ORG]POD-PR", type: "AI Agent", filler_kind: "ai", test: { id: "
TEST-PPD-PBRE", cases: "22, 61, 63" }, ai_in: ["review packet", "collated findings
of its review"], ai_out: ["review card", "positions on findings"], bot: { allowed_a
ctions: ["write its own review card", "state its own positions on the findings of i
ts review"], ask_first_actions: ["anything outside its role card"] } }

  pods:

```
    - { code: "[ORG]POD-PRI", full_name: "PPD Release Intake", type: "AI Pod", inne
r_units: ["[ORG]CELL-PRR"], top_cell: "[ORG]CELL-PRR", test: { id: "TEST-PPD-PRI",
cases: "3, 5-7, 28, 30, 47" }, ai_in: ["Input Pack version", "release notice"], ai_
out: ["release-reading record", "return draft"] }

    - { code: "[ORG]POD-PA", full_name: "PPD Architecture", type: "AI Pod", inner_u
nits: ["[ORG]CELL-PPA"], top_cell: "[ORG]CELL-PPA", test: { id: "TEST-PPD-PA", case
s: "9, 10, 35-38, 93" }, ai_in: ["release-reading record"], ai_out: ["process archi
tecture", "critical-process proposal"] }

    - { code: "[ORG]POD-PPW", full_name: "PPD Process Writing", type: "AI Pod", inn
er_units: ["[ORG]CELL-PFPA", "[ORG]CELL-PSPA", "[ORG]CELL-PPR"], top_cell: "[ORG]CE
LL-PFPA", test: { id: "TEST-PPD-PPW", cases: "11, 16, 39-45, 78-82, 86, 91" }, ai_i
n: ["decided architecture", "Input Pack atoms"], ai_out: ["process records"] }

    - { code: "[ORG]POD-PPS", full_name: "PPD Position Shaping", type: "AI Pod", in
ner_units: ["[ORG]CELL-PPB"], top_cell: "[ORG]CELL-PPB", test: { id: "TEST-PPD-PPS"
, cases: "12, 13, 20, 46-52, 77, 84, 85" }, ai_in: ["written processes", "role regi
ster"], ai_out: ["position register"] }

    - { code: "[ORG]POD-PS", full_name: "PPD Structure", type: "AI Pod", inner_unit
s: ["[ORG]CELL-PSD", "[ORG]CELL-PWA"], top_cell: "[ORG]CELL-PSD", test: { id: "TEST
-PPD-PS", cases: "14, 15, 53-58, 87-90, 95-97" }, ai_in: ["position register", "wri
tten processes"], ai_out: ["unit register", "reporting lines", "forum register", "c
rosswalk", "workload input check"] }

    - { code: "[ORG]POD-PW", full_name: "PPD Walkthrough", type: "AI Pod", inner_un
its: ["[ORG]CELL-PSA", "[ORG]CELL-PSW"], top_cell: "[ORG]CELL-PSW", test: { id: "TE
ST-PPD-PW", cases: "17, 59, 60" }, ai_in: ["walk input", "blind brief"], ai_out: ["
walkthrough report"] }

    - { code: "[ORG]POD-PR", full_name: "PPD Review", type: "AI Pod", inner_units:
["[ORG]CELL-PBRA", "[ORG]CELL-PBRB", "[ORG]CELL-PBRC", "[ORG]CELL-PBRD", "[ORG]CELL
-PBRE"], top_cell: "[ORG]CELL-PBRA", test: { id: "TEST-PPD-PR", cases: "22, 61-63"
}, ai_in: ["review packet"], ai_out: ["review cards and positions"] }
```

- **Accountability.** Every Pod and Cell of this AIOC is accountable_to [ORG]CELL-PDL. The AIOC itself and the Design Lead are accountable_to the Cell carrying [ORG]HOAC-TM.
- **Adding a HOAC position.** The organisation may add HOAC positions to this AIOC in its own design, each a human Cell with a HOAC label and its own fixed test, through OCO (create-or-install-unit).
- **Bots.** Each AI Cell's bot (sixteen) has its own identity card, 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 Requesting Authority, the Chief of Staff of [ORG]AIOC-SL and the Cells of [ORG]AIOC-TOM are not Cells of this AIOC.

Code checks (Naming Standard R15, R16 and §5), recorded on 15 October 2026; the Chief of Staff's COS code on 19 October 2026. Each organisation repeats the check of §5.2 against its own register before first use.

Code	Initials of the full name (R15)	§5.1	§5.2: no match among this blueprint's codes, nor with [ORG]AIOC-PPD	§5.3
[ORG]CELL-PDL	**P**PD **D**esign **L**ead	pass	pass	pass
[ORG]CELL-COSPPD	R16, item 2 (49GAION/DR-0028): COS and the initials of [ORG]AIOC-PPD → COSPPD. It replaces [ORG]CELL-PCS, retired at v0.5.1 (R5) and kept in the card's lineage	pass	pass (distinct from the COS codes of the other mothers: COSSL, COSOER, COSPC, COSDI, COSTOM, COSCH)	pass
[ORG]POD-PRI / [ORG]CELL-PRR	PPD Release Intake / PPD Release Reader	pass	pass	pass
[ORG]POD-PA / [ORG]CELL-PPA	PPD Architecture / PPD Process Architect	pass	pass	pass
[ORG]POD-PPW / [ORG]CELL-PFPA, -PSPA, -PPR	PPD Process Writing / First Process Author, Second Process Author, Process Reconciler	pass	pass	pass
[ORG]POD-PPS / [ORG]CELL-PPB	PPD Position Shaping / PPD Position Builder	pass	pass	pass
[ORG]POD-PS / [ORG]CELL-PSD, -PWA	PPD Structure / Structure Designer, Workload Analyst	pass	pass	pass
[ORG]POD-PW / [ORG]CELL-PSA, -PSW	PPD Walkthrough / Situation Author, Situation Walker	pass	pass	pass
[ORG]POD-PR / [ORG]CELL-PBRA to -PBRE	PPD Review / Blind Reviewer A to E	pass	pass	pass

No code of this blueprint uses the suffix PPD, so no part can be read as the AIOC itself.



Annex A

The PPD Release: its parts and their field lists

Every part is a versioned, content-addressed object. Every element carries an ID, its provenance (stated, inferred, unresolved or assumed, as in TOM Annex B, carried), its basis (release element IDs and source atom IDs, at least one) and, after T9, its decision reference. JSON Schemas are made from these lists before the first run and may add nothing.

A.1 Release-reading record (run record). One row per element of the release in scope: element_id (ROLE-n, HO-n, CPR-n, JNY-n, VC-n, a capability, a value-stream phase, a decision domain, an element of the strategy frame, or the activity profile), part, child, state (used, returned, out of scope), used_by (process IDs, after S2), return_id (when returned), reason (when out of scope).

A.2 Process architecture (release part). Per entry: id (L1-n, L2-n or PRC-n), level (1, 2, 3), name, parent, traces_to (release element IDs; at least one for level 1), owner_role (ROLE-n, level 3), owner_position (POS-n, level 3, after S5), carries (HO-n and CPR-n), critical (yes or no, with reason, among them critical value stream), priority (the highest decided priority of the release elements it carries), delivery (the delivery model of the capability it serves: in-house, shared service, outsourced, partner or not decided), order, current (the current processes from the sources it replaces, for the crosswalk).

A.3 Process record (one per process; release part "process book"). process_id; purpose; trigger; end; lanes (roles); steps[]: {step_id, lane, action, input, output, accountable_role, decision_id (or none), volume {value, unit, per, basis, peak {value, period, basis} or none}, step_time {value, unit, basis}, wait_before {value, unit, basis}, done_when, worst_error {description, reversible (yes, partly, no), basis}, act_kinds (from the fixed list of §5.4, rule 11), input_source {kind, trust (verified, unverified), basis}, confidentiality (a class of the organisation's classification), risks (risk IDs), controls (control IDs), record {name, basis}}; decisions[]: {decision_id, question, decides (one role), recommends, must_agree, gives_input, carries_out, limit {value, basis}}; exceptions[]: {trigger, handling, escalates_to (role)}; risks[]: {risk_id, what, at_steps, basis}; measures[]: {name, kind (quality, time, cost, volume), definition, unit, basis, target (a decision reference, or not set), reviewed_by (forum ID, after S6)}; variants[]: {variant_id, applies_to (an entity, a site or a product), differs_at (step IDs), reason}; end_to_end_time {value, unit, path (step IDs), complete}; conventions (the modelling conventions in force and their results); method_refs (reference models used as methods, never as evidence);

policies[] (policy IDs); hand_offs (HO-n, CPR-n, and the lane hand-offs inside the process); authors (one, or two with the difference register's ID); after T9: owner_position, approved_by (decision reference), re_approval_due.

A.4 Policy register (release part; compiled by code). Per policy: policy_id, name, applied_at (step IDs), owner_role, basis (source atom), state (held, or needed when no source holds it). No policy text.

A.5 Position register (release part). Per position: position_id (POS-n), title, role (one ROLE-n), part and child, holds_steps, holds_decisions, grouping_reason (same expertise, same counterpart, same location, same decision chain, or the release's own grouping), job_family and level (each with its basis, or not given), reports_to (POS-n, after S6), forums (after S6). Never: a person, a pay amount, or what fills the position.

A.6 Job descriptions (release part; generated by code, one per position). position_id; title; job_family and level (as in A.5); purpose (from its processes' purposes); accountabilities (from its steps); decisions (with their limits); works_with (positions at its lane hand-offs); measures (from its processes' measures for its steps); competences (each a knowledge or skill, with the steps and decisions it serves); reports_to; trace (every line to a step or decision). The release lint fails any field that does not trace.

A.7 Decision-rights register and authority matrix (release parts; generated by code). Register: one row per decision: decision_id, process_id, decider (POS-n), the other parts by position, limit, basis. Matrix: positions by decision class, each cell the part the position plays, generated from the register.

A.8 Structure (release parts). **Reporting lines**: position_id, reports_to. **Organisation charts**: generated from the units and the lines, one per part of the release. **Span and layer report**: per manager position, its span; per part, its layers; each value against the configured range, with findings. **Forum register**: per forum, forum_id, purpose, decides and advises (decision IDs), members and chair (POS-n), tier, cadence, reviews (measure names), inputs, outputs. **Review calendar** (generated): per forum and period, the measures it reviews. **Result lines**: per part, result_line, with its basis. **Crosswalk**: per current unit, position or process named in the sources: current_ref (source atom), maps_to (target IDs), or state retired or not mapped, with reason.

A.9 Workload register (release part; generated by code). Per position: position_id, period, time_needed (sum of volume × step time over its steps), time_available (with its basis), steps (the terms of the sum), complete (no when any term is a gap), gaps. Per process (**New** in v0.5.0): today (the activity-profile lines of the processes it replaces, with their atoms and date, or no observation) beside its designed volume and time.

A.10 Decision Package (release part). A plain summary; the elements for decision, each with its row; the unknowns, the assumptions and the open returns, in plain words; the control gaps and the separation breaches; the span and layer findings; the structure scenarios side by side, when there are any; the peak findings; the walk's findings and their choices; the quality checks.

A.11 Controls catalogue and segregation-of-duties rules (release part; compiled by code). Per control: control_id, objective (the risk IDs it answers), kind (preventive, detective), at_steps, performed_by (POS-n, after S5), evidence (the record it leaves), frequency, basis. Per rule: rule_id, conflict (two classes of step or decision one position may not hold together, for example start and approve, keep and record, record and reconcile), basis (a source or a decision). Check, after S5: per position, each rule it breaks, with any compensating control and the decision reference.

A.12 Objectives cascade (release part; generated by code). Per goal: goal (a one-year goal or a critical number of the release's strategy frame, by its reference; for a release with no strategy frame, a goal a source gives), value_stream_measures, process_measures, position_measures (by POS-n), each link traced. Findings: a goal with nothing under it; a measure that serves no goal.

A.13 Structure scenarios (release part, when structure_scenarios is above one). Per scenario: scenario_id, its reporting lines, and side by side: positions, management positions, spans, layers, cost (not given without the organisation's cost rates); chosen (the decision reference of the one chosen).

A.14 Peak-load check and value-stream times (release part; generated by code). Per position: peak_period, time_needed_at_peak, time_available, terms, complete, findings. Per value stream: end_to_end_time, processes, complete.

A.15 Unit register and unit charters (release parts; charters generated by code). Per unit: unit_id (UNIT-n), name, kind (the organisation's own word:

team, section, department), part (the release part), parent_unit, head_position (POS-n, one of its positions), positions, grouping_reason, forums, measures, result_line. Charter, one per unit: mandate (its processes and decisions, from its positions' steps and decisions), head_position, positions, works_with (units at its hand-offs), forums, measures, result_line, trace (every line to a step, decision or forum). Never a person.

The manifest. release_id (PPDREL- + SHA-256 of the manifest body); run_id; tom_release {release_id, manifest_sha256}; parts[] {name, sha256}; input_packs[]; returns[] (return IDs with their states, both ways); set_aside[] (per element carried forward on a set-aside return: return_id, element_id, carried_forward_on, decision); decided_at; final_status.



Annex B

Returns, both ways

Returns follow the Library's design return contract, library/contracts/design-return.schema.json of 49GAION-protocol (Standard §3.1, item 6; Protocol §17, item 11; 49GAION/DR-0018), pinned by commit and hash in contracts/PINS.json. This AIOC keeps no copy of it. (v0.4.0: supersedes this AIOC's own contracts/release-return.schema.json v0.1, which had no rounds and no set-aside end.)

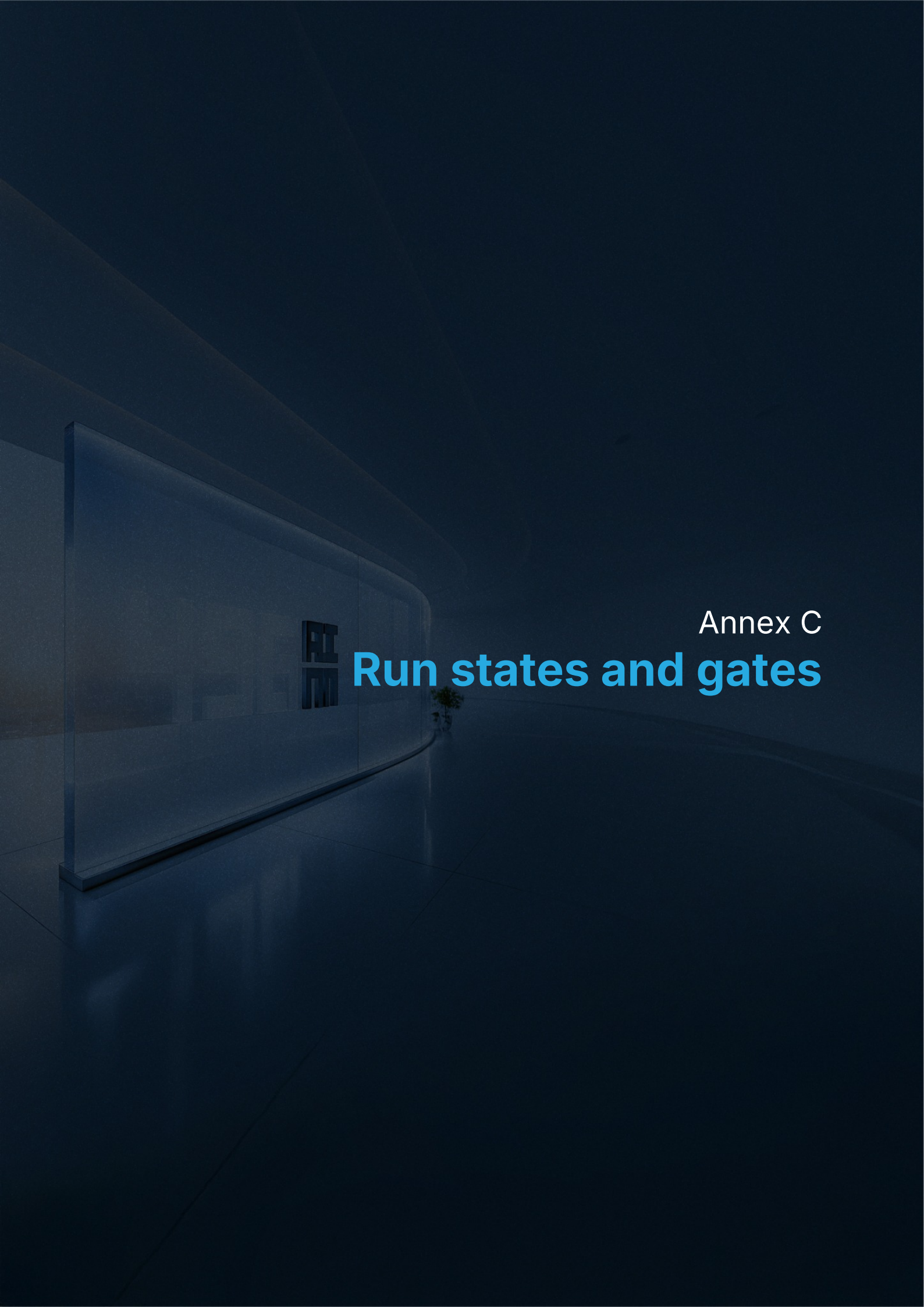
Field	Meaning here
return_id	PPDR- and a number, for a return this AIOC sends; the sender's prefix for a return it receives (DIR- from DI)
run_id	the sending stage's run
release	the release ID and its manifest hash: a TOM Release for PPDR; a PPD Release (PPDREL-) for DIR
kind	accepted, cannot use, contradiction found, assumption invalid, request kind unsupported
missing	for cannot use: what is missing, as a fact-type or an element, never a person
elements	the release parts and element IDs the return concerns; for accepted, the whole release
evidence	release element IDs and source atom IDs, with span hashes; never text
held_here	the sender's elements held until the return ends
round	the round of the loop; each answer that does not end the return opens the next
filed_ref	the reference of its filed copy in [ORG]AIOC-SL
status	open, answered by release, answered by decision, set aside by decision, withdrawn
answered_by	the answering release ID, or the decision reference
carried_forward_on	for set aside by decision: known defect or decided assumption

B.1 Returns this AIOC sends to [ORG]AIOC-TOM.

1. A return goes to [ORG]AIOC-TOM directly, through the gateway, and its copy is filed into Source Lifecycle as a design report with the same hash.
2. A return never changes the release. It asks TOM to answer.
3. TOM answers with a new decided release (a continuation run), or the Requesting Authority answers by decision. If a new release still does not answer it, the same return is sent again, under the same return_id, in its next round. TOM counts the rounds, holds the deadlines and escalates (TOM blueprint v0.5.0, §5.10). Silence answers nothing.
4. When the whole release is used without defect, the run sends one accepted return; TOM ends it at once.
5. **Set aside.** A return set aside by the Requesting Authority's decision lets its touched elements go forward on the stated basis. Each is marked in this AIOC's work and in the PPD Release as a known defect or a decided assumption, with the decision reference; it is listed in the Decision Package in plain words and in the manifest (set_aside[]).
6. A return for something TOM should have obtained is a defect of TOM; a return for something only this stage could find is normal (TOM blueprint v0.5.0, docs/CARRIED-RULES.md §4.4, items 2 and 3). TOM's Design Lead classifies it.

B.2 Returns this AIOC receives from [ORG]AIOC-DI. Under the same contract, ended by §5.11. A defect DI finds in the TOM Release that a PPD Release rests on is DI's to return to TOM (§5.11, rule 7).

Done when. Each return validates against the pinned contract; it is sent and filed with one hash; its touched elements show held: return open until it ends; it ends in a status other than open.

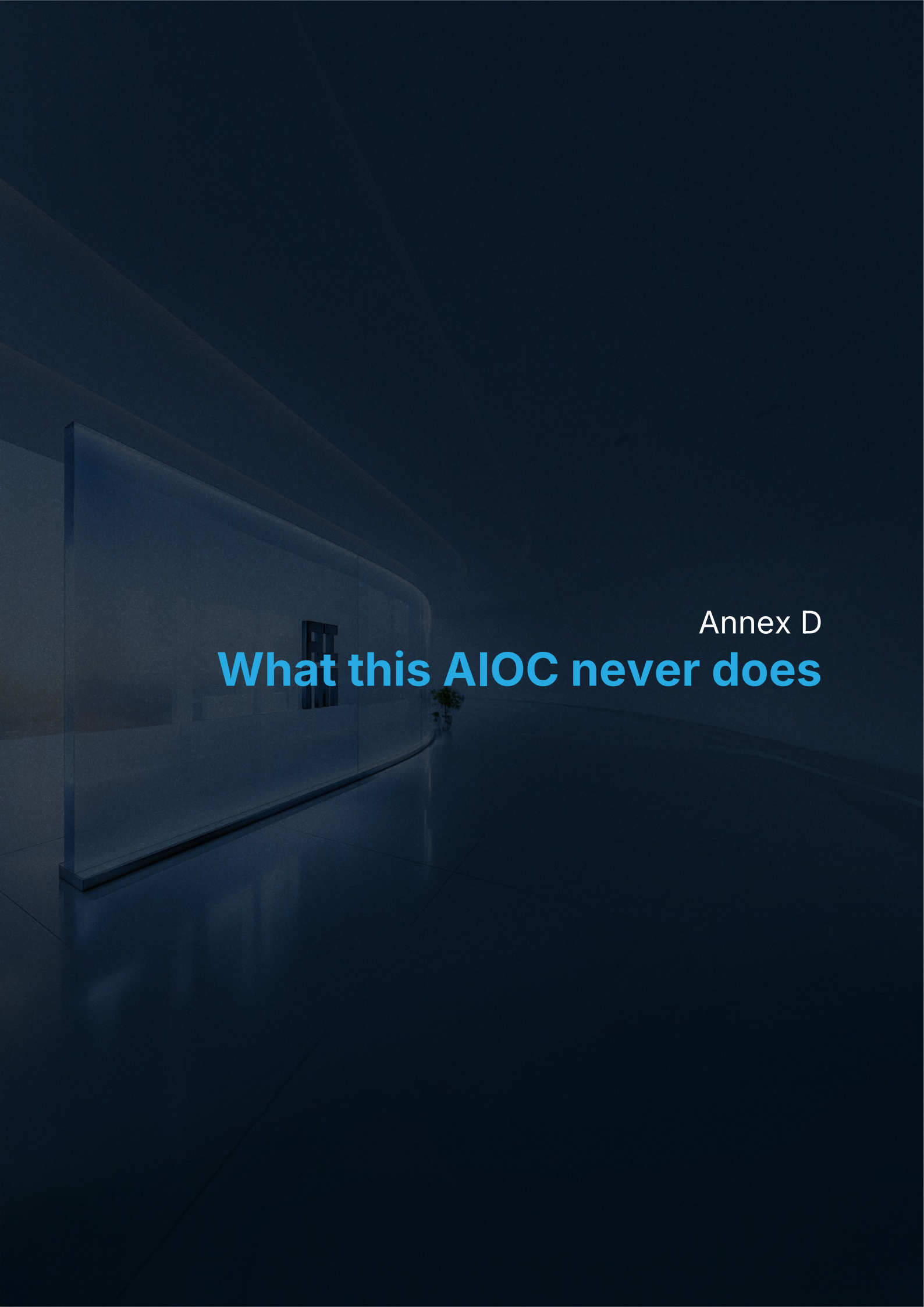


Annex C

Run states and gates

C.1 Run states. As §5.0. Endings other than a release: closed: not admitted (T0 failed, with each failed condition named); closed: non-response; closed: rejected; closed: withdrawn by the Requesting Authority. Flags on any state, each with its age: waiting; waiting: ruling; held: return open (on the touched elements only); held: material finding; held: connection revoked; held: no reviewers; held: review budget. No flag releases the run slot; every ending releases it. A return from DI is not a run state: it lives on its own Work Item, with the states of the contract (§5.11), and holds no run.

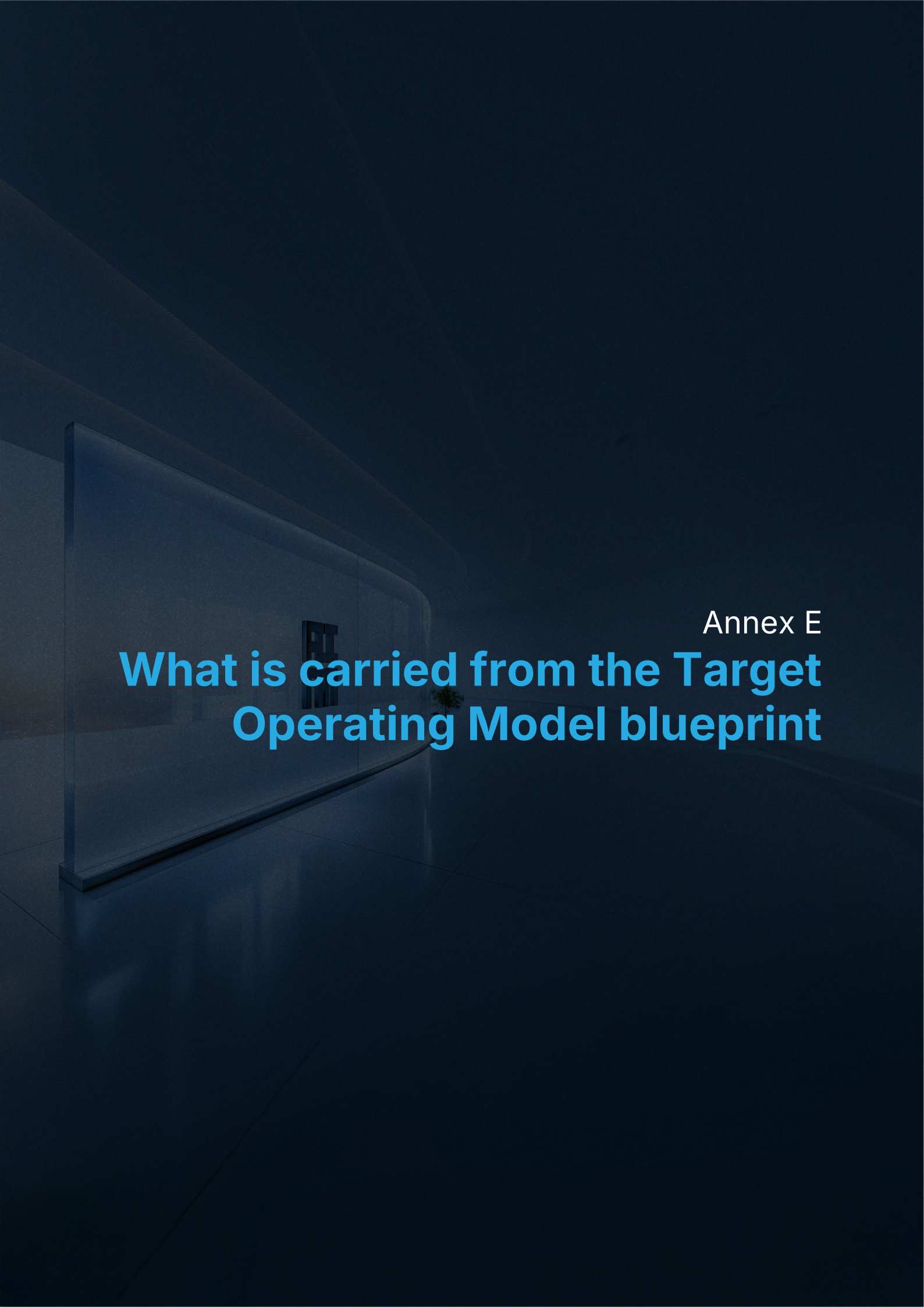
C.2 The gates. T0 to T10 as in §5.0. A gate passes only on its settled review (§5.9) and its done-test. T0 has these conditions: (a) the run request carries references only; (b) the release check passes (§4.3, part 3); (c) the TOM connection is signed and in scope; (d) the Source Lifecycle connection is signed and in scope; (e) the engine register holds eligible engines for the highest confidentiality level in scope, and two author families; (f) requesting_authority_cell is set; (g) RP0 is settled.



Annex D

What this AIOC never does

1. Change, merge, split or drop an element of the TOM release.
2. Ask any person anything about the organisation, or send a request that names a person.
3. Name a person, or read who occupies a position.
4. Say what fills a position.
5. Set pay.
6. Write the text of a policy.
7. Invent a measure, a volume, a time or a limit.
8. Write a job description by hand.
9. Add a role that the role register does not hold.
10. Change a reporting line, span or layer to fit a range.
11. Decide anything for the organisation, or take silence as a decision.
12. Grade its own work: no Cell reviews its own output, and the Chief of Staff rules on nothing.
13. Set or propose a cost rate, or choose a structure scenario.
14. Use a reference model, a taxonomy or a measure library as evidence.
15. Claim that the organisation complies with a law or a standard.
16. Edit a filed PPD Release in answer to a return; decide, answer or classify a return in the Chief of Staff; or write a return brief by hand.
17. Leave a return, either way, without its round and its deadline, count silence as its answer, or let it end other than in one of the contract's four ends.
18. Carry an element forward on a set-aside return without marking its basis in the release.
19. Send a release notice before the filing reads back, or put release text into a notice.
20. Fill what the release states as not given, not decided, not set, unknown or no observation; or write a goal of its own (TOM Annex H).
21. Design an in-house process for work the release delivers outside, or use today's activity profile to say anything about a person.



Annex E

What is carried from the Target Operating Model blueprint

This AIOC carries these rules from the blueprint of [ORG]AIOC-TOM v0.6.0 (its writing repository, <org>aioc-tom), by section, not by copy. A change there reaches this AIOC only when this annex pins the new version.

Rule	TOM section	Read here with
Labels and the honesty ceiling	Annex B	atoms of the organisation's sources; release elements keep their own provenance
Patterns are methods, never evidence	Annex B.5	—
The Input Pack, its versions and its trace	§4.3, parts 1 to 3 and 6 to 8	§4.3 of this blueprint
Needs requests, passes and the Missing Report	§5.2	§5.2 of this blueprint
Decision rules: one decision per row; global assent is never approval; "don't know"; the weak-approval signal; delegated, not decided	docs/CARRIED-RULES.md §5	—
The return vocabulary	docs/CARRIED-RULES.md §4.4	Annex B of this blueprint
The receiving end of returns: admission, the brief made by code, rounds, escalation, ends, classification	§5.10; Annex E.21 and E.22	§5.11 of this blueprint; "PPD Design Lead" for "TOM Design Lead"; "PPD Release" for "release"
The release notice	§5.9 step 8a; Annex E.20	contracts/release-notice.schema.json of this AIOC, with the TOM Release it rests on

Rule	TOM section	Read here with
The operational walkthrough	§5.7	"processes, positions and decisions" for "operating model"
The Review Panel rule	§5.8, rules 1 to 20	the review points of §5.9 of this blueprint; "PPD Design Lead" for "TOM Design Lead"
Two authors	Annex G	"process" for "child"; "process record" for "design ledger"
The engine register	Annex E.12	—
What the release also states: the strategy frame, delivery model and maturity, critical streams, journeys, value case, priority, activity profile; the values not given, not decided, not set, unknown, no observation	Annex H	§5.1 rule 2; §5.3 rules 5, 8 to 10; §5.5 rule 11; §5.7 rule 7; §5.10 rule 9 of this blueprint

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