

PC-SAMPLE-ENG-01 / EN / V1.1

Engineering block delivery report

ILLUSTRATIVE SAMPLE · FICTIONAL SCENARIO

PREPARED FOR
PREPARED

Orivane Industrial Group
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Progress and decisions

This report presents an original fictional scenario. Orivane, its people, suppliers, systems, records and results are invented; established technology names identify the example stack only. No client material was used. Example hostnames use the reserved .example domain.

This report covers work carried out from 3 to 28 August under Orivane's 160-hour Nacre engineering block, agreement SOW-ORV-2608. Elias Moreno is the block owner; Nadia Bellerose approves changes to scope. The work limits who can deploy LedgerFlow, sets clear priorities for the Veyra and TernRoute connections, and adds alerts before credentials expire. The new account-approval process is built but still needs independent testing. Recovery testing is blocked by a missing sign-in permission.

Hours consumed and work accepted are reported separately. An investigation can be useful without producing an accepted change, and a merged change can still be awaiting operational evidence. The next allocation should finish verification and recovery dependencies before starting lower-priority enhancements.

BLOCK ACCOUNTING	HOURS
Prepaid allocation	160
Used in this ledger	112.5
Remaining	47.5

Management decisions

- Book Tessa Lin and the Orivane ID recovery substitute for REC-0903; confirm the LedgerFlow manifest before 1 September.
- Authorize the independent account-admission check before treating the new workflow as production-ready.
- Keep a reserve for unresolved findings instead of assigning every remaining hour to new features.

Delivery record and named ownership

Time ledger TL-0828 records 112.5 hours across six packages. The four accepted packages account for 78 hours; 22 hours await verification and 12.5 hours remain blocked. The unconsumed balance is 47.5 hours. All references below belong to Orivane's fictional engineering register at platform.orivane.example/nacre.

PACKAGE	CHANGE, EVIDENCE AND ACCEPTANCE
ENG-01	NCR-318 / MR-214 / EV-0807. LedgerFlow ReleaseDeploy trust; Maya Dufresne accepted 7 August after one approved release and 14 denied build-context probes.
ENG-02	NCR-322 / RP-17 / CAP-0812. Veyra preference 200, TernRoute 100; Jonah Patel accepted 12 August. Return-path asymmetry removed in 24 service probes.
ENG-03	NCR-327 / MR-219 / MON-0820. 63 credentials across 36 applications; 45/21/7-day expiry notices. Julien Voss accepted 20 August; three unowned records remain in OPS-341.
ENG-04	NCR-331 / MR-224 / ACF-242. Baseline nacre-1.4.1 prepared 24 August; Amira Chen's independent quarantine/retry checks scheduled for 1 September.
ENG-05	NCR-334 / REC-0825. LedgerFlow data restored; application validation blocked by missing Orivane ID test entitlement. Tessa Lin and Léa Mercier own REC-0903.
ENG-06	NCR-337 / HND-0827. Amira Chen repeated the accepted operating checks on 27 August; Elias Moreno accepted the handover record.

The checkpoint is 28 August, 16:00 UTC. Later work does not appear in this ledger. MR references identify reviewed change records in the scenario, not public repository links; evidence files contain synthetic data only.

Work ledger and acceptance state

ITEM	WORK PACKAGE	HOURS	STATE
ENG-01	LedgerFlow deployment access	28	ACCEPTED
ENG-02	Veyra/TernRoute preference	24	ACCEPTED
ENG-03	Orivane credential alerts	18	ACCEPTED
ENG-04	Nacre admission 1.4.1	22	TO VERIFY
ENG-05	LedgerFlow recovery	12.5	BLOCKED
ENG-06	Nacre operating handover	8	ACCEPTED

The ledger total is computed from the six entries above. It includes the investigation, implementation and review associated with each package. It excludes proposed future work. No financial rate or commercial payment term is implied by this illustrative allocation.

What each state means

STATE	MEANING
ACCEPTED	The fictional acceptance record contains an implementation reference, verification result and accountable owner.
TO VERIFY	Implementation exists, but a required independent or production-representative check has not been accepted.
BLOCKED	Engineering preparation is complete enough to rehearse, but a named dependency prevents proving the outcome.

Elias Moreno and Celia Hart reconcile TL-0828 every Friday at 15:00 UTC. If a request changes scope, record the new question, expected effort and approval before continuing. A broad request to “look into the platform” is not a permanent authorization for unrelated changes.

Effort, evidence and acceptance

The allocation chart separates time spent on accepted packages from time spent on work still open. These are hours charged to each package's current state, not a measure of percentage complete. The workflow below shows the checks required before work is accepted.



Figure 1 The full 160-hour allocation, computed from the work ledger.

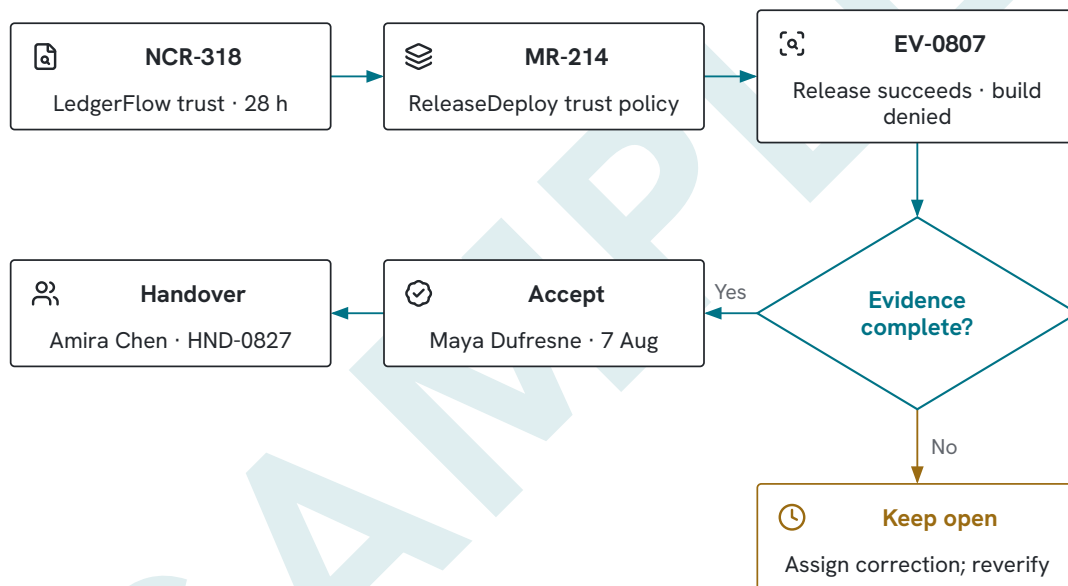


Figure 2 Acceptance follows verification; blocked work remains visible.

Required closeout evidence

- ✓ Requested outcome, reviewed change and verification result identify the same scope.
- ✓ The accepting owner and any residual dependency are recorded.
- ✓ The operating record can be used by a second engineer without author assistance.

Accepted changes: identity and networking

ENG-01 / Separate build and deployment permissions

NCR-318 asks whether orv-ci/BuildRunner needs LedgerFlow's production ReleaseDeploy role, following finding SEC-01. The EV-0807 investigation traces the actual release actions and finds that artifact creation and production deployment can use separate identities. The decision preserves automated delivery while removing the build context from production trust.

Changed artifacts comprise the role trust policy, release-workflow configuration and an access-decision note. Acceptance includes an approved release, a denied build-context attempt and an audit event linked to the change. The change reduces deployment permissions. Release maintainers still have sensitive access, and the release process must remain protected.

ENG-02 / Set clear backup route priorities

NCR-322 investigates LedgerFlow session drops during maintenance of Veyra circuit VF-MTL-4401. RP-16 gives Veyra and TernRoute equal local preference 100 even though stateful inspection expects a stable return path. The decision sets explicit primary and alternate preferences and documents the inspection dependency.

Acceptance records route state before and after change, bidirectional service tests and a controlled transport failure. A denied cross-segment test confirms that failover does not widen reach. In CAP-0812, backup routes settle in 8.4 seconds and 95% of LedgerFlow responses arrive within 620 ms. DIV-118 still lacks the IAD duct drawing; this does not invalidate the logical route correction. Repeating ping from the operator's laptop would not have been adequate acceptance.

Monitoring and account-admission work

ENG-03 / Credential expiry becomes owned work

NCR-327 covers 63 credential expiries across the 36 applications in ACC-036. Julien Voss receives notices 45, 21 and seven days before expiry. The MR-219 implementation inventories credential expiry, maps each application to an accountable owner and emits escalating notices through the existing alert destination. Records without an owner enter a separate remediation queue instead of disappearing from the report.

Acceptance uses synthetic credentials on both sides of each notice boundary and confirms delivery, deduplication and resolution after rotation. The runbook distinguishes an expired credential from a collector failure: a quiet dashboard with stale collection is not healthy. No credential value is collected or included in notifications.

ENG-04 / Account creation gains an admission gate

Request: stop treating successful infrastructure deployment as a ready-to-use account. The nacre-1.4.1 workflow now requires ownership, effective-policy checks, audit receipt and approved connectivity before admission. An incomplete account remains quarantined with a recorded reason and a safe retry path.

Implementation is ready for independent verification, but the package is not accepted. On 1 September, Amira Chen must fail ACF-242 audit delivery, retry CartonSpec without duplicate resources and prove that a manual inventory edit cannot bypass quarantine. The required evidence is attached to the account workflow version. Until then, the old reviewed admission procedure remains authoritative.

- **Next authorization**

Allocate verification time before adding more account-factory features. This closes a delivery claim already in progress.

Recovery, handover and residual risk

ENG-05 / Recovery preparation is not a proven restore

The recovery package identifies backup ownership, decryption authority, an isolated target and application dependencies. REC-0825 stops at 14:32 UTC after database restoration: identity lf-restore lacks the LedgerFlow test audience, so Tessa Lin cannot validate the 48,000-order manifest. Léa Mercier records the blocker in IAM-342. The result is recorded as blocked, not successful.

REC-0903 is booked for 3 September with Tessa Lin and Léa Mercier; Sofia Caron supplies the Orivane ID substitute. The targets are service restoration within 60 minutes (RTO) and no more than 15 minutes of lost data (RPO). It must validate business records and queued work, not just a database process that starts. The remaining exposure is uncertainty about usable recovery; the report does not convert that uncertainty into either a pass or an invented outage prediction.

ENG-06 / A second engineer can operate the changes

The handover covers the accepted identity, route and monitoring changes. In the fictional acceptance exercise, a second engineer locates the effective configuration, explains the alert route and performs a safe diagnostic action using the runbook. The open account-admission and recovery packages are listed separately so their incomplete state is not hidden by a general handover sign-off.

RESIDUAL ITEM	ACCOUNTABLE NEXT STEP
Release maintainers	Maya Dufresne reviews privileged membership and the emergency-release procedure.
Carrier diversity	Jonah Patel obtains evidence of physical and upstream independence.
Admission gate	Elias Moreno schedules independent positive and negative tests.
Recovery usability	Tessa Lin supplies business validation and dependency coverage.

Next allocation and change control

There are 47.5 hours remaining. The allocation below is a proposal, not consumed time or authorization to begin. It prioritizes closure of existing work, then reserves capacity for the next agreed investigation. Each estimate must be revisited if its prerequisites are not met.

PROPOSED USE	HOURS	PREREQUISITE
Independent admission verification	12	Amira Chen; CartonSpec ACF-242; 1 September.
Recovery exercise and evidence	16	Tessa Lin, Sofia Caron; REC-0903; 3 September.
MillWatch EX-019 retirement	10	Marc Bellamy confirms connector scope by 4 September.
Unallocated contingency	9.5	Block-owner approval before allocation.

At the next checkpoint

Review accepted outcomes, consumed hours, blockers and remaining capacity together. If recovery requires application redesign rather than the planned exercise, stop and rescope before using the reserve. If verification finds a defect in delivered work, record it distinctly from a new request so the commercial treatment can follow the governing agreement.

The block is a way to allocate engineering effort to changing priorities. It is not an unlimited backlog, a guaranteed resolution time or a substitute for incident coverage. The shared record makes changes in priority and acceptance visible before they become a dispute about where the hours went.

Evidence index and completion criteria

PACKAGE	RECORD THAT SUPPORTS ACCEPTANCE
ENG-01	Approved permission decision, reviewed trust change, allowed release and denied build-context evidence.
ENG-02	Effective route comparison, bidirectional service tests and controlled transport-failure record.
ENG-03	Synthetic expiry fixtures, owner mapping, notice delivery, deduplication and collector-health evidence.
ENG-04	Versioned admission workflow and pending independent test plan; acceptance remains open.
ENG-05	Recovery dependency map, partial rehearsal record and named missing validation inputs.
ENG-06	Operating runbooks and second-engineer exercise for the accepted packages only.

Closeout rules

Each record identifies the requested outcome, approved scope, change reference, verification context, result and accepting role. Evidence is retained in the owner's working system with appropriate access controls. The SOW-ORV-2608 ledger, Orivane names, MR references, tickets and results are invented for this sample; they do not represent a consulting engagement.

At block close, reconcile the ledger, identify accepted artifacts, transfer open items with their remaining dependencies and record the disposition of unused time under the governing agreement. Open work remains open even if the hours are exhausted. A tidy invoice is not technical acceptance.