

Completion report for session 4f0c2d9e, claude-code

Prepared for Example Financial Services Pty Ltd
Prepared 2026-09-10 02:15:00 UTC

Particulars

Operator	Example Financial Services Pty Ltd (agents@example-fs.com.au)
Agent	efs-claude-code-ws0417 did:key:z6MkhcSYYGqwhZUsRa56q7gv1tQZGSi8mKGeqSisTPeCgF7H
Issued by	efs-clerk (the operator's Clerk) did:key:z6MkfMyPggt2ma6Zm4mPmUU8TUj7ngXikGn4saBWMvxAgN6
Launcher	claude-code
Session	4f0c2d9e-8b1a-4c3d-9e2f-6a7b8c9d0e1f
Mandate as issued	a5268072a20a8d8b1451b5d3bdcd58a9ef2235418071a6705840fbfb9beef124 lodged 2026-09-08 23:04:12 UTC by efs-clerk, receipt 6b1e9c3a-7d2f-4e8b-a0c4-5f6d7e8f9a0b
Acceptance	lodged 2026-09-08 23:04:19 UTC under the agent's key, receipt 1c3e5a7b-9d0f-4a2c-b4e6-8f0a2c4e6a8b
Report	486dd8dfde6868b9cd21d3401f55a8f6423be8fe05ff7ce8c2c9ec8dfea8e3eb lodged 2026-09-08 23:33:58 UTC by efs-claude-code-ws0417, receipt e5a7c9b1-2f4d-4e6a-8b0c-1d3e5f7a9b1c
Session ended	2026-09-08 23:34:10 UTC

The operator's conditions

Working directory	/home/build/payments-gateway
Repository	example-fs/payments-gateway
Mandate text	Peregrini Mandate 1.13, 89ffdbb6b5c8203b33f4145e3b2578180555912aa0c562ba5fa03ef497dff6c1f

Instruction files, by hash, as they stood when the mandate issued

FILE	SHA-256
/home/build/payments-gateway/CLAUDE.md	1ee4fe75ed8c89876384ce2dea9a9b1fce84f7ae0d599181f18e0e7da3a0db80
/home/build/payments-gateway/docs/CHANGE_CONTROL.md	02b399eb5c9e61f4ae92e8169f7813249f5f22ec2e3f0868bd6ab0ff88aa3ec4
/home/build/.claude/CLAUDE.md	4f03d8616e865a8e399f0aeb6036ee0cfb36cb0031b60a816e748ddc1bb58176

Instructions given in the session

Each is a condition from the moment it is given (Mandate cl 3). The words are held in the operator's record vault under the account's own key; the Register holds neither the words nor their digest.

Add the daily settlement reconciliation report under src/reports/settlement/. Read the ledger, do not write to it, and do not touch anything under db/ledger/. Ticket CHG-0042.

Instruction 1 · 2026-09-08 23:05:40 UTC · digest ea0db8097756519eec1a82280ac92d062f40c97c76094f09fccf32790b5ab899

Yes, commit it on agent/CHG-0042. Do not push; I will open the PR myself after review.

Instruction 2 · 2026-09-08 23:31:02 UTC · digest c82696939ebb502d0fbb8355a116dcd5400c2f15f646dd8328c16d32c040a3a0 · commits b7e3d2c19a4f

The report as lodged (Mandate clause 7)

Lodged 2026-09-08 23:33:58 UTC as 486dd8dfde6868b9cd21d3401f55a8f6423be8fe05ff7ce8c2c9ec8dfea8e3eb, the SHA-256 of the report's bytes as the agent lodged them; receipt e5a7c9b1-2f4d-4e6a-8b0c-1d3e5f7a9b1c.

What follows is those bytes, set for reading.

Done

- Added src/reports/settlement/daily.ts: reads the day's settlements through readSettlements() and totals them in cents.
- Added src/reports/settlement/daily.test.ts (4 tests) and ran `npm test -- src/reports/settlement` : 4 passed.
- Committed on agent/CHG-0042 as b7e3d2c19a4f: "Daily settlement reconciliation report (CHG-0042)".

Not done

- Not pushed, not merged, not deployed: the operator said it would open the PR itself.
- No change under db/ledger/ (CLAUDE.md; the operator's instruction 1).

Not verified

- The full suite was not run; only src/reports/settlement was. The rest of the repository is unverified by this session.
- The report's output was not compared against a real settlement day: the fixture in the test is synthetic.

Reported and later corrected

- At 23:22 the summary said the report 'writes a CSV'; it does not. The statement was corrected before the commit.

Prices quoted or received

None. The agent states that it quoted and received no price in the session; a report that omits a price the record shows is a false statement (Mandate cl 3).

The tool-call chain and its lodged roots

The launcher's hooks keep one line per tool call, each hashed over the line before it, from the mandate's hash as genesis. The head is lodged on the Register as a root when the session begins, every thirty minutes, and when it ends, so any one call can later be proved by its leaf against a lodged root without producing the transcript.

ROOT	CALLS	HEAD	LODGED	RECEIPT
1	1	e73f8869ca609d37e8f0d1a1320af92d9e46b594a2691d6b9c5561f14dcae461	2026-09-08 23:05:53 UTC	9d2f4a6c-1e3b-4c5d-8f7a-2b4c6d8e0f1a
2	9	7ed19787eafcd55e54d7e13c1077264366693506fefff0f42ecd9f90953e3085	2026-09-08 23:34:10 UTC	c4e6a8b0-3d5f-4a7b-9c1d-4e6f8a0b2c3d

#	TIME	TOOL	WHAT THE CHAIN KEEPS OF THE CALL	LEAF
1	2026-09-08 23:05:52 UTC	Read	/home/build/payments-gateway/CLAUDE.md	e73f8869ca60...
2	2026-09-08 23:06:03 UTC	Bash	git status --short && git log -1 --oneline	6525b69bb672...
3	2026-09-08 23:06:20 UTC	Bash	git checkout -b agent/CHG-0042	fba2ae2b6ad1...
4	2026-09-08 23:09:44 UTC	Read	/home/build/payments-gateway/src/ledger/read.ts	0d502617854c...
5	2026-09-08 23:18:31 UTC	Write	/home/build/payments-gateway/src/reports/settlement/daily.ts	fec60c8f35f...
6	2026-09-08 23:22:05 UTC	Write	/home/build/payments-gateway/src/reports/settlement/daily.test.ts	f55431779f9a...
7	2026-09-08 23:24:48 UTC	Bash	npm test -- src/reports/settlement	ab24517cb58c...
8	2026-09-08 23:31:40 UTC	Bash	git add src/reports/settlement && git commit -m 'Daily settlement reconciliation report (CHG-0042)'	b9ac4c3236ee...
9	2026-09-08 23:31:52 UTC	Bash	git rev-parse HEAD	7ed19787eafc...

The transcript of the session was sealed at 2026-09-08 23:34:10 UTC: b5d5b828e783a096c7133af25fbf8d12c151bf68d53bd36141c13de88faf6430 (184,226 bytes), receipt a2c4e6f8-0b1d-4e3f-9a5b-7c9d1e3f5a7b. Peregrini holds the hash and the time, never the text.

Complaints, disclosures and declarations

No complaint was lodged on this session.

No declaration stands against efs-claude-code-ws0417.

Entries on the Register of Dealings for this session

ENTRY	REFERENCE	KIND	LODGED BY	SHA-256	RECEIPT	LODGED
mandate	claude-code:4f0c2d9e-8b1a-4c3d-9e2f-6a7b8c9d0e1f	order	efs-clerk	a5268072a20a8d8b1451b5d3bdcd58a9ef2235418071a6705840fbfb9bee f124	6b1e9c3a-7d2f-4e8b-a0c4-5f6d7e8f9a0b	2026-09-08 23:04:12 UTC
acceptance	claude-code:4f0c2d9e-8b1a-4c3d-9e2f-6a7b8c9d0e1f:accept	acceptance	efs-claude-code-ws0417	a5268072a20a8d8b1451b5d3bdcd58a9ef2235418071a6705840fbfb9bee f124	1c3e5a7b-9d0f-4a2c-b4e6-8f0a2c4e6a8b	2026-09-08 23:04:19 UTC
chain root	claude-code:4f0c2d9e-8b1a-4c3d-9e2f-6a7b8c9d0e1f:chain	meter	efs-claude-code-ws0417	e73f8869ca609d37e8f0d1a1320af92d9e46b594a2691d6b9c5561f14dca e461	9d2f4a6c-1e3b-4c5d-8f7a-2b4c6d8e0f1a	2026-09-08 23:05:53 UTC
report	claude-code:4f0c2d9e-8b1a-4c3d-9e2f-6a7b8c9d0e1f:report	delivery	efs-claude-code-ws0417	486dd8dfde6868b9cd21d3401f55a8f6423be8fe05ff7ce8c2c9ec8dfea8 e3eb	e5a7c9b1-2f4d-4e6a-8b0c-1d3e5f7a9b1c	2026-09-08 23:33:58 UTC
transcript	claude-code:4f0c2d9e-8b1a-4c3d-9e2f-6a7b8c9d0e1f:end	output	efs-claude-code-ws0417	b5d5b828e783a096c7133af25fbf8d12c151bf68d53bd36141c13de88faf 6430	a2c4e6f8-0b1d-4e3f-9a5b-7c9d1e3f5a7b	2026-09-08 23:34:10 UTC
chain root	claude-code:4f0c2d9e-8b1a-4c3d-9e2f-6a7b8c9d0e1f:chain	meter	efs-claude-code-ws0417	7ed19787eafcd55e54d7e13c1077264366693506fefff0f42ecd9f9f0953e 3085	c4e6a8b0-3d5f-4a7b-9c1d-4e6f8a0b2c3d	2026-09-08 23:34:10 UTC

Every receipt is signed (ed25519) over its payload. Anchor covering the session: db4d58923ecaee63c4e3400ca4c766834d686e711416ad0f9ec63b5cd4f9e733, confirmed in Bitcoin block 923,118, range to 2026-09-09 00:00:00 UTC.

How an auditor checks this

Every fact on this page is either a hash of bytes the operator holds or an entry on the Register that anyone may read back. An auditor checks it without asking Peregrini anything it has not already published.

1. Recompute the hash of an instruction file. The operator's copy of the file, as it stood when the mandate issued, must hash to the value in the mandate's particulars.

```
sha256sum /home/build/payments-gateway/CLAUDE.md
# expect 1ee4fe75ed8c89876384ce2dea9a9b1fce84f7ae0d599181f18e0e7da3a0db80
```

2. Fetch a lodgement by its hash and compare the receipt. The Register answers with the first lodgement of the hash, who lodged it, when, and the receipt it signed. The receipt id and the time must match the tables above.

```
curl -s https://www.peregrini.ai/api/v1/notarise/a5268072a20a8d8b1451b5d3bdcd58a9ef2235418071a6705840fbfb9beeef124
# expect receipt.id 6b1e9c3a-7d2f-4e8b-a0c4-5f6d7e8f9a0b, firstLodgedBy efs-clerk, firstLodgedAt 2026-09-08T23:04:12.000Z
```

3. Verify the receipt's signature. Ed25519 over the receipt's payload bytes, against the notary public key published at <https://www.peregrini.ai/.well-known/notary.json> (or the retired key that was current at the lodgement time, listed there as `retiredKeys`). Never trust a key only because a document carries it.

4. Compare the chain root. Recompute the chain from the operator's copy of `~/ .peregrini/chain/claude-code/4f0c2d9e-8b1a-4c3d-9e2f-6a7b8c9d0e1f.jsonl`: each line's SHA-256 is the next line's prev, the first line's prev is the mandate's hash, and the SHA-256 of line 9 must equal the root lodged at 2026-09-08 23:34:10 UTC.

```
sed -n '9p' ~/ .peregrini/chain/claude-code/4f0c2d9e-8b1a-4c3d-9e2f-6a7b8c9d0e1f.jsonl | tr -d '\n' | sha256sum
# expect 7ed19787eafcd55e54d7e13c1077264366693506fefff0f42ecd9f9f0953e3085
```

5. Check the anchor. The lodgement time falls inside a Register anchor committed to Bitcoin. GET [**6. Check this document.** Its id in the footer is the SHA-256 of the page between the header and the footer; generate the document again from the same account and the id must be the same unless the Register has changed.](https://www.peregrini.ai/api/v1/notarise/anchors/db4d58923ecae63c4e3400ca4c766834d686e711416ad0f9ec63b5cd4f9e733?entry=<receipt id> returns the inclusion path; a null path means the entry is not in that tree.</p></div><div data-bbox=)

Sample: the receipts on this page are signed under the sample notary key
0d7550754e0800a5d237ee5826035766b9b3e5a15868a940ab289958788e3b0, published here so
the signatures can be checked, and never used in production. The hashes lodged in this sample
are not on the live Register.

What this document does and does not attest

What this attests. That the Register of Dealings held, at the times shown, the hashes shown, lodged under the keys shown: a mandate for this session issued by the operator's Clerk; the agent's acceptance; 2 roots of the tool-call chain; the report set out above, lodged at the time shown with the receipt shown; and the transcript's seal. Where the words are quoted, they are the words the account's own vault holds for that moment.

What it does not attest. That the code is correct, that the tests test the right thing, or that the work is what the operator wanted. Peregrini holds hashes and times, not the text, and it records what the agent said it did; where the record contradicts a statement in the report, the record is what stands (Mandate cl 6 and 7). A shortfall the report discloses is a question of conformity, not of honesty. A missing report is a breach of clause 7 by the agent; it is not a finding about the work.

Sample document. Fictional operator, agent and session; every hash is the SHA-256 of the sample bytes and every receipt is signed under the published sample key. Read it as a form, not as a fact about anyone.

Document 6d7fec7e61bd6c6281cdaee1848ef53e5249a847b3634aee364c57d5ed30ba44