Tempo Network Smart Contracts Deployment

Date: February 8, 2026
Network: Tempo Testnet (Moderato)
Chain ID: 42431
RPC URL: https://rpc.moderato.tempo.xyz
Block Explorer: https://explore.tempo.xyz

Wallet Information

- **Address:** `0x89B492505ec9785B45413EAA0D612749665e2Df0`
- **Total Transactions Executed:** 43+

Deployed Contracts

1. TempoPaymentSplitter (TIP-20 Version)

A contract for splitting TIP-20 token payments to multiple recipients in a single transaction. Supports adding/removing payees, setting split percentages, and batch distribution with memos.

Property	Value
Contract Address	`0xB0c73Af547dB09F817202e4B2d30Dae6478C7D26`
Deployment TX	`0x8e14d9ad2071e7dc255451a5bdeecf-b671f171be03888724e7e155da53006d7d`
Explorer Link	View on Explorer (https://explore.tempo.xyz/address/0xB0c73Af547d-B09F817202e4B2d30Dae6478C7D26)

Features:
- Create payment splits with multiple payees and custom share percentages
- Add/remove payees dynamically
- Update payee share allocations
- Distribute TIP-20 tokens proportionally to all payees
- Batch payments to multiple recipients
- Send payments with Tempo-style memos for reconciliation

2. TempoStreamingPayments (TIP-20 Version)

A contract for continuous TIP-20 payment streams (Sablier-style). Supports creating, withdrawing from, and canceling payment streams.

Property	Value
Contract Address	`0xd616458d15c9BDf2972A59b79E8168023c5f77ad`
Deployment TX	`0xa54b1d5d9f6846b0b56f-fe3d2245f8caa884a967bca28cb8d232e4c43b-f57c0a`
Explorer Link	View on Explorer (https://explore.tempo.xyz/address/0xd616458d15c9BD-f2972A59b79E8168023c5f77ad)

Features:

- Create continuous payment streams with custom duration
- Batch stream creation for multiple recipients
- Real-time balance calculation
- Withdraw accumulated funds at any time
- Cancel streams with proportional refunds
- Top up existing streams to extend duration
- Tempo-style memos for payment tracking

Token Information

Property	Value
Token Name	PathUSD
Token Symbol	PathUSD
Token Address	`0x20C0000000000000000000000000000000000000`
Decimals	6

Faucet Transactions

Initial funding via `cast rpc tempo_fundAddress` :

TX Hash
0x55a8171411a93d38ddb54361e232d0c29109237e00115adbd734ecfbd0a259b4
0xfe324e223347756720ded97a1b511f9e40f0ee1c5f1149ba31e1be3aea24fb9d
0x431c321c87c0f8b517219d3dfa11664144edd188168fe05d5b1290b9414e3f73
0xc780b7ac36b2bc8d94e42ce8cc74fa989e64d07d1f8a1fd3f4b3b27e59a01876

Contract Interactions (13+ Transactions)

Token Approvals

#	Action	TX Hash
1	Approve Splitter	0x5a0c684e6be4209a134f201a0bf620bc16c6e-b75208426d34641970a6676a32b
2	Approve Streaming	0x09a90b16e35b9ad5be3d59765256fa0a3d-b4ec4da537d5b31a8b919f85335bff

Payment Splitter Interactions

#	Action	Description	TX Hash
1	Create Split	Created split with 3 payees (50/30/20 shares)	`0x9ea0eaf21f2acfb-da842eab-d3ba526cf29eb694d-c0b4d165f048c-cee0f442511`
2	Add Payee	Added 4th payee with 25 shares	`0x735232073a60536e-b976a79a4aa7b1412e88 4e5bfd211a54a45d8b-b5c051a037`
3	Distribute	Q1 2026 Revenue Distribution (100 PathUSD)	`0x6c8327c1a7e6ddf-d0a62e8eae-a430d214c569-bea17f41e4694d553de5 6ae4c1c`
4	Send With Memo	Invoice #INV-2026-001 - Consulting Services	`0x151c5a96013e04feeb db218442cb4efd-f861bbdef43da8542f-d83974183ba4e7`
5	Create Split #2	Created split with 2 payees (60/40 shares)	`0xd8b7fcdfb-c1b7832c7d88b65dbd-b64251fca92ca62464ed b595ecfda1c9a4fef`
6	Batch Payment	February 2026 - Multi-vendor settlement	`0xf0c02ac-c5c47c8638f251779615 efe9115c0033100af680 ab16a8c0337d03c19`
7	Update Shares	Updated payee 1 shares from 50 to 75	`0x66379f2cff497b-b3cb65e1435da1e908d-da01e99bea9c-ab9333623eb685a5e35`
8	Distribute #2	Q1 2026 - Bonus Distribution (75 PathUSD)	`0x77f33c83f3c7a61060 81599df18d-b493b89369b8347d37-faf038e7f44648cce9`
9	Distribute #3	Split 2 - Partner Distribution Feb 2026	`0xd511835f99c-c16433d-d65923990505de12acf0`

#	Action	Description	TX Hash
			a371145a0be6d8b15f55e3aed8

Streaming Payments Interactions

#	Action	Description	TX Hash
1	Create Stream #1	Employee Salary Stream - Feb 2026 - Employee #001	`0xead-dce47ec802143441e40d0a73503ed4e9f95306243ae-a928891e77b0ca25b3`
2	Create Stream #2	Contractor Payment - Project Alpha Q1	`0x4fbefc895e4d-f0381865c5b-bea3feef0c2a6550acb-c7823c26fc9f57cd465602`
3	Top Up Stream	Extended Stream #1 with additional funds	`0xe01e2b4d06cacd5c0837522b878deb4f674d-c57e6b-b88ba08ede455189d-f0cca`
4	Create Stream #3	Vesting Stream - Token Grant Feb 2026	`0x415682a6543a7493b-dde7252804db2d-dc191d4d5997897041ebd7a552c4138aa`

Contract Statistics

TempoPaymentSplitter

- **Total Splits Created:** 2
- **Total Distributions:** 3
- **Total Batch Payments:** 1
- **Individual Payments with Memo:** 1

TempoStreamingPayments

- **Total Streams Created:** 3
- **Streams Topped Up:** 1

Important Notes

Tempo Network Specifics

- Tempo Network is optimized for stablecoin payments and **does not support native token transfers**
- All value transfers must use TIP-20 tokens (like PathUSD)
- Gas fees are paid in stablecoins (PathUSD on testnet)
- The network supports memos for payment reconciliation (Tempo Transaction feature)

Contract Design

Both contracts were designed to leverage Tempo's unique features:

- **Memo Support:** All payment functions include memo parameters for invoice/reference tracking
- **TIP-20 Integration:** Uses standard ERC20/TIP-20 interface for maximum compatibility
- **Batch Operations:** Optimized for Tempo's batch transaction capabilities
- **Gas Efficiency:** Designed with Tempo's payment-optimized gas model in mind

Verification Commands

```
# Check contract deployment
cast code 0xB0c73Af547dB09F817202e4B2d30Dae6478C7D26 --rpc-url https://
rpc.moderato.tempo.xyz

# Check split counter
cast call 0xB0c73Af547dB09F817202e4B2d30Dae6478C7D26 "splitCounter()" --rpc-url ht-
tps://rpc.moderato.tempo.xyz

# Check stream counter
cast call 0xd616458d15c9BDf2972A59b79E8168023c5f77ad "streamCounter()" --rpc-url ht-
tps://rpc.moderato.tempo.xyz

# Get faucet tokens
cast rpc tempo_fundAddress 0x89B492505ec9785B45413EAA0D612749665e2Df0 --rpc-url ht-
tps://rpc.moderato.tempo.xyz
```

Explorer Links

- **Wallet:** https://explore.tempo.xyz/address/0x89B492505ec9785B45413EAA0D612749665e2Df0
- **PaymentSplitter:** https://explore.tempo.xyz/address/0xB0c73Af547d-B09F817202e4B2d30Dae6478C7D26
- **StreamingPayments:** https://explore.tempo.xyz/address/0xd616458d15c9BD-f2972A59b79E8168023c5f77ad

Generated for Tempo Network Airdrop Eligibility Campaign - February 2026