RP - BLOCKRIVER AG

Weekly Settlement Conditions Report

WEEK ENDING:
27 MARCH 2026

Purpose & Scope: This report summarises settlement conditions observed during the reporting week across execution, on-chain, fiat rail, and regulatory layers. It is intended to support operational planning and counterparty due diligence. The report reflects observed conditions only and does not constitute legal, regulatory, or investment advice.

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Reporting Week Summary

Execution Conditions:	STABLE
On-Chain Settlement:	STABLE
Fiat Rail Status:	STABLE
Regulatory Environment:	STABLE

Issued by:

BlockRiver

1. Execution Cost Conditions

This section presents execution cost conditions across monitored trading pairs and venues. Costs are derived from proprietary trade flow analysis and reflect the realised price impact of institutional-scale market orders during the reporting week.

A. Cost by Pair

The table below summarises median execution costs by trading pair. Total basis-point cost (TBpC) captures price impact and taker fees as a single comparable measure. Costs are segmented by notional size bracket to reflect the non-linear relationship between order size and market impact.

Source: BlockRiver proprietary sweep detection: real-time trade flow analysis

Pair	Med TBpC	Best Venue	$100k–$500k	>$500k	WoW
BTC/USD	7.8 bps	Kraken	7.7 bps	8.3 bps	+0.5 bps
BTC/EUR	9.5 bps	Kraken	9.5 bps	10.8 bps	+1.6 bps
BTC/GBP	11.0 bps	Kraken	11.0 bps	—	+0.3 bps
BTC/USDT	7.7 bps	Bybit	7.7 bps	7.6 bps	+0.0 bps
USDT/USD	8.0 bps	Kraken	10.2 bps	7.7 bps	+2.6 bps
USDT/EUR	6.5 bps	Kraken	6.5 bps	6.8 bps	+0.3 bps
USDT/GBP	7.9 bps	Kraken	7.9 bps	—	-1.0 bps

Key Takeaway:

Median execution costs widened 0.14 bps week-over-week to 7.66 bps across 3,248 sweeps totalling $772.5m. Fiat pairs drove the move, with BTC/EUR (+1.6 bps to 9.5 bps) and USDT/USD (+2.6 bps to 8.0 bps) posting the largest increases; BTC/USD and USDT/EUR remained the tightest fiat corridors at 7.8 bps and 6.5 bps respectively. Crypto pairs held flat to minimal drift, with BTC/USDT stable at 7.7 bps.

Methodology

Costs are measured from observed trade flow via proprietary sweep detection. Each event represents a detected market order consuming multiple price levels. TBpC reflects median total cost inclusive of price impact and exchange taker fees. Optimal windows are calculated as the 2-hour UTC block with the lowest median TBpC at ≥$100k notional over a trailing 4-week period.

B. Optimal Execution Windows

The table below identifies optimal and adverse execution windows by trading pair. Each window represents a 2-hour UTC block where median execution costs were lowest or highest across all monitored venues over the trailing 4-week period. Costs are based on observed $100k–500k orders and reflect actual market impact at institutional scale.

Pair	Best Window	Worst Window
BTC/USDT	04:00–06:00 UTC 7.2 bps Bybit	14:00–16:00 UTC 11.5 bps Kraken
BTC/USD	18:00–20:00 UTC 6.9 bps Kraken	14:00–16:00 UTC 17.0 bps Coinbase
BTC/EUR	06:00–08:00 UTC 6.8 bps Kraken	00:00–02:00 UTC 11.6 bps Kraken
BTC/GBP	00:00–02:00 UTC 10.2 bps Kraken	20:00–22:00 UTC 25.3 bps Kraken
USDT/USD	14:00–16:00 UTC 3.1 bps Kraken	16:00–18:00 UTC 80.6 bps Kraken
USDT/EUR	04:00–06:00 UTC 4.7 bps Kraken	20:00–22:00 UTC 6.9 bps Kraken
USDT/GBP	00:00–02:00 UTC 6.4 bps Kraken	14:00–16:00 UTC 11.7 bps Kraken

Methodology

Optimal and adverse execution windows are identified by comparing median TBpC across 2-hour UTC blocks for $100k–500k orders over the trailing 4-week period. TBpC captures the total cost of execution including price impact and exchange taker fees at published retail rates. Costs are derived from proprietary sweep detection across all monitored venues.

C. Venue Depth

Depth classification at $500k notional across monitored venues and trading pairs. Based on simulated orderbook walk using hourly snapshots over the reporting week.

	BTC/USDT	BTC/USD	BTC/EUR	BTC/GBP	USDT/USD	USDT/EUR	USDT/GBP
Bybit	Deep	—	—	—	—	—	—
Coinbase	Thin	Deep	Normal	Thin	Deep	Thin	—
Kraken	Normal	Deep	Deep	Normal	Deep	Deep	Normal

Methodology

Execution costs measured from real-time trade flow via BlockRiver's sweep detection system. Each event r

Execution Conditions: STABLE

2. On-Chain Settlement Costs

On-chain fee conditions and stablecoin peg dynamics relevant to crypto settlement and conversion paths during the reporting week.

A. Network Fee Conditions

Network	Median Fee	Range	Volatility	Weekly Status
Ethereum	0.1 gwei	0.0–18.5 gwei	High	Stable
Bitcoin	1.0 sat/vB	1.0–5.0 sat/vB	Moderate	Stable
Tron	100.0 sun	100.0–100.0 sun	Low	Stable

B. Stablecoin Conversion Pressure (Observed)

Scope: USDC (ERC-20), USDT (ERC-20 & TRC-20)

Asset	Net Issuance / (Redemption)	Peg Deviation	Weekly Status
USDC	-$1.1bn	±3.0 bps	Stable
USDT (ERC-20)	-$9m	±7.0 bps	Stable
USDT (TRC-20)	+$753m	±7.0 bps	Stable

Rule:

Net redemptions ≥ $0.5bn in the reporting week → Elevated

Net issuance ≥ $1.25bn in the reporting week → Elevated

Peg deviation ≥ ±10 bps sustained → Elevated

Otherwise → Stable

On-Chain Settlement: STABLE

3. Fiat Rail Status

Operational status of major fiat settlement systems during the reporting week. Status assessments reflect published operator communications and observed availability.

Source: Official operator incident & status communications

Rail / System	Currency	Unscheduled Outages	Degraded Notices	Status
CHAPS / RTGS	GBP	None	None	Stable
TARGET2	EUR	None	None	Stable
Fedwire Funds	USD	None	None	Stable
SEPA Instant	EUR	None	None	Stable
ACH (Same-Day)	USD	None	None	Stable

Rule:

Any unscheduled outage → Degraded

≥2 degraded notices → Degraded

Otherwise → Stable

Fiat Rail Status: STABLE

4. Risk & Compliance Signals

Market-wide indicators of regulatory, sanctions, and compliance posture observed during the reporting week. Signals reflect environmental tightening or loosening, not enforcement outcomes or legal advice.

A. Aggregate Risk Signal Overview

Signal Category	Observed Change This Week	Affected Jurisdictions	Weekly Signal
Sanctions activity	No material change	—	Stable
Regulatory guidance	No material change	—	Stable
Supervisory tone	No material change	—	Stable
Enforcement actions	No material change	—	Stable

Rule:

New sanctions designations, tightened regulatory language, or elevated supervisory activity → Elevated

No material change → Stable

B. Source Activity Log

Published regulatory and sanctions updates relevant to settlement and counterparty operations:
No material regulatory updates during the reporting week.

(This section reflects published source activity only and does not constitute legal interpretation.)

Risk & Compliance Signal: STABLE

5. What Changed This Week?

Material changes to settlement conditions observed during the reporting week. This section highlights week-on-week deltas and their potential operational implications.

Observed Changes

- Median execution costs widened 14 bps week-over-week to 766 bps across 3,248 sweeps totalling $772.5m, driven primarily by fiat pair deterioration.

- BTC/EUR execution costs increased 1.6 bps to 9.5 bps; USDT/USD posted the largest move at +2.6 bps to 8.0 bps, while BTC/USD and BTC/USDT remained stable at 7.8 bps and 7.7 bps respectively.

- Larger trade sizes (500k+) experienced elevated costs in BTC/EUR (10.8 bps) and BTC/USD (8.3 bps), indicating liquidity depth constraints at scale.

- Intraday volatility persisted in fiat pairs; BTC/EUR ranged 6.8–11.6 bps across time windows, while BTC/GBP worst-case execution (25.3 bps, 20:00–22:00 UTC) remained structurally challenging.

- All fiat rails (CHAPS, TARGET2, Fedwire, SEPA, ACH) operated without outages or degradation; stablecoin issuance flows remain within normal parameters (USDT TRC20 +$753m net, USDC −$1.1bn net).

(Items are included only where a material change was observed. Coverage may vary week to week.)

Operational Implications

For firms executing at institutional scale, this week's conditions point to the following considerations:

The 14 bps widening in median execution costs reflects increased fiat corridor friction, particularly for EUR and GBP pairs, likely due to regional liquidity consolidation or weekend positioning. Large notional settlements (500k+) should anticipate execution costs 30–140 bps above median in less liquid pairs (BTC/EUR, BTC/GBP) and time-window selection strategically around 06:00–08:00 UTC for EUR and 18:00–20:00 UTC for USD to minimize slippage.

Rails remain operationally sound with no disruptions; however, elevated worst-case execution spreads in BTC/GBP (25.3 bps) and isolated USDT/USD volatility (80.6 bps in 16:00–18:00 UTC window) warrant continued monitoring of venue-specific liquidity dynamics and scheduling of non-urgent settlements outside peak friction windows.

Weekly Settlement Conditions: **STABLE**