

December 08, 2024



# Stamps Protocol

Monthly Update. December 2024 Release

## Content

Key Takeaways	02
Stamps Protocol: Refresher	03
Key Stats	03
Network Fees and Layer 1 Usage of the Stamps Protocol	08
Recent Developments	12
Concluding Remarks	13
Provide Feedback	14
Disclaimer	14

**Note to Readers:** *This PDF report contains hyperlinks to various reference sources and additional reading material for your convenience and further education. We have carefully selected these sources, believing them to be credible and genuine in their content. Please take advantage of these links to expand your understanding of the subject matter.*

## Key Takeaways

- The total transaction count related to the Stamps Protocol surpassed 800,000 in November 2024. The predominant transaction type continues to be SRC-20. Notably, the SRC-101 was launched in the middle of the month.
- While there is a significant focus on a smaller number of SRC-20 token deployments for 'TRANSFER' operations, the increased interest in 'TRANSFER' activities is a positive development. However, it is essential to explore what is actually happening and what factors are driving this activity, as these are questions that warrant deep research.
- Regarding Stamps minting, the recent upgrade to Counterparty and the subsequent technical challenges may have contributed to the decrease in minting activity. It is also unclear whether the recent Bitcoin price action has affected this activity.
-

## Stamps Protocol: Refresher

Stamps is a blockchain protocol created by [MikelInSpace](#) that enables storing images on-chain on Bitcoin transaction outputs. It utilizes the Counterparty platform, a long-standing Bitcoin meta layer, to broadcast Stamping transactions to the Bitcoin Network. The protocol enables the creation of Bitcoin NFTs, especially low-resolution pixel art.

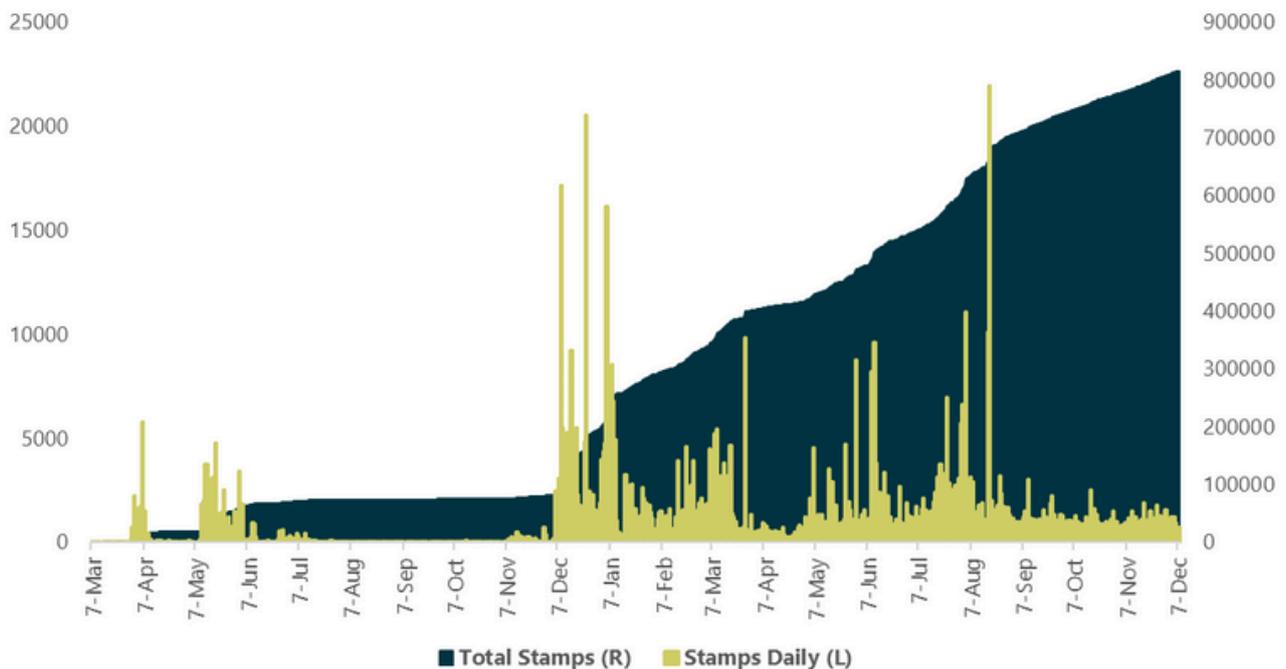
In our initial research paper, we dived into the details of the Stamps Protocol, accessible via this [link](#). We cordially recommend studying the comprehensive report.

Our monthly update reviews important milestones and developments in November 2024. If you missed our last reports, please visit this [link](#) to catch up.

## Key Stats

Stamps Protocol transactions were steady month-over-month at **32,763** in November. The monthly transaction count for Stamps has stabilized in the 30,000 range for three consecutive months. The total Stamps transactions count by the end of the month reached **807,826**.

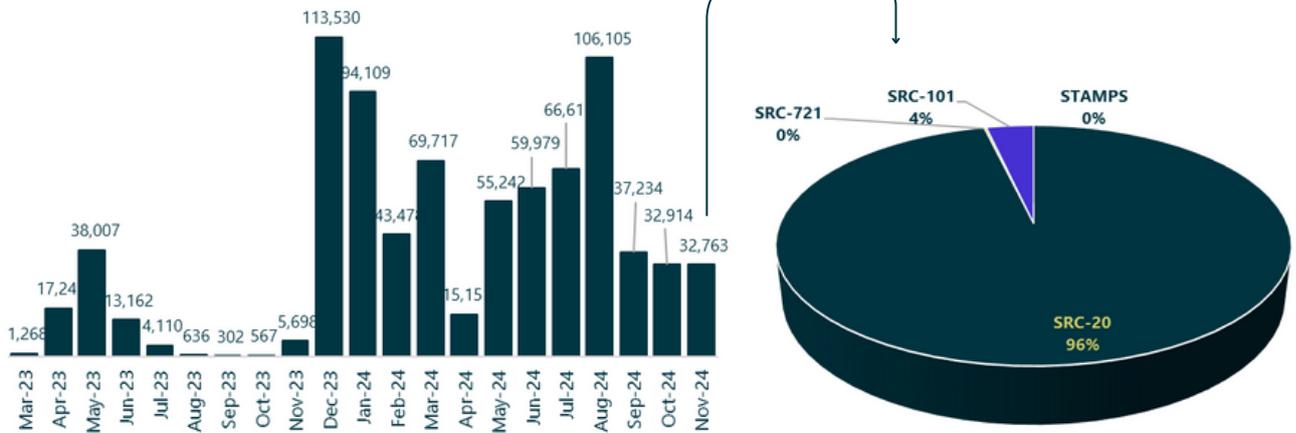
### Total Bitcoin Stamps Minted



Source: SQRR Research. Data: stampchain.io.  
Data as of 08 December 2024.

In November, Classic Stamps recorded a total of 62 transactions, with only one transaction involving SRC-721. We suspect that technical difficulties related to the frequent updates of the Counterparty software may have impacted these numbers. Transactions for SRC-101 started appearing on November 19th, with a total of 1,153 transactions. The majority occurred on November 20th and 21st.

## Minting Trend (monthly) & October 2024 Mint Types

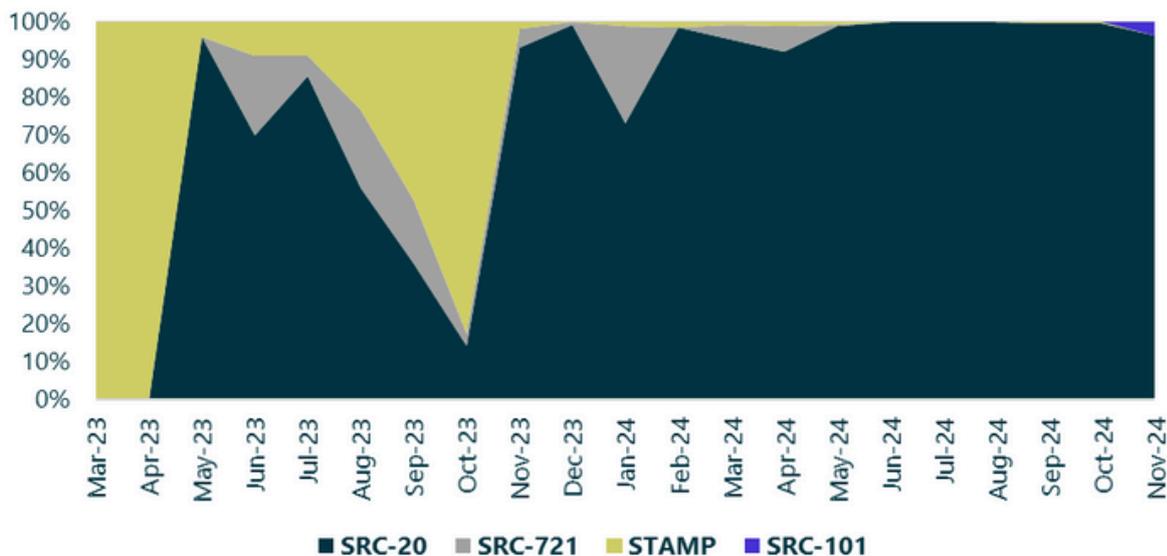


Source: SQRR Research. Data: stampchain.io.  
Data as of 30 November 2024.



In the past month, 'TRANSFER' operations dominated SRC-20 transactions, making up 96% of the total (31,547 SRC-20 transactions). A total of 96 tokens were involved in these 'TRANSFER' operations, with the five largest tokens representing 59.5% of all such transactions. Additionally, there were 33 new token deployments and 1,349 'MINT' transactions during the month.

## Minting Trend of Stamp Types



Source: SQRR Research. Data: stampchain.io.  
Data as of 30 November 2024.



The total number of SRC-20 token deployments reached 1,558 by the end of November 2024.

 **Bitcoin Stamps by Type**

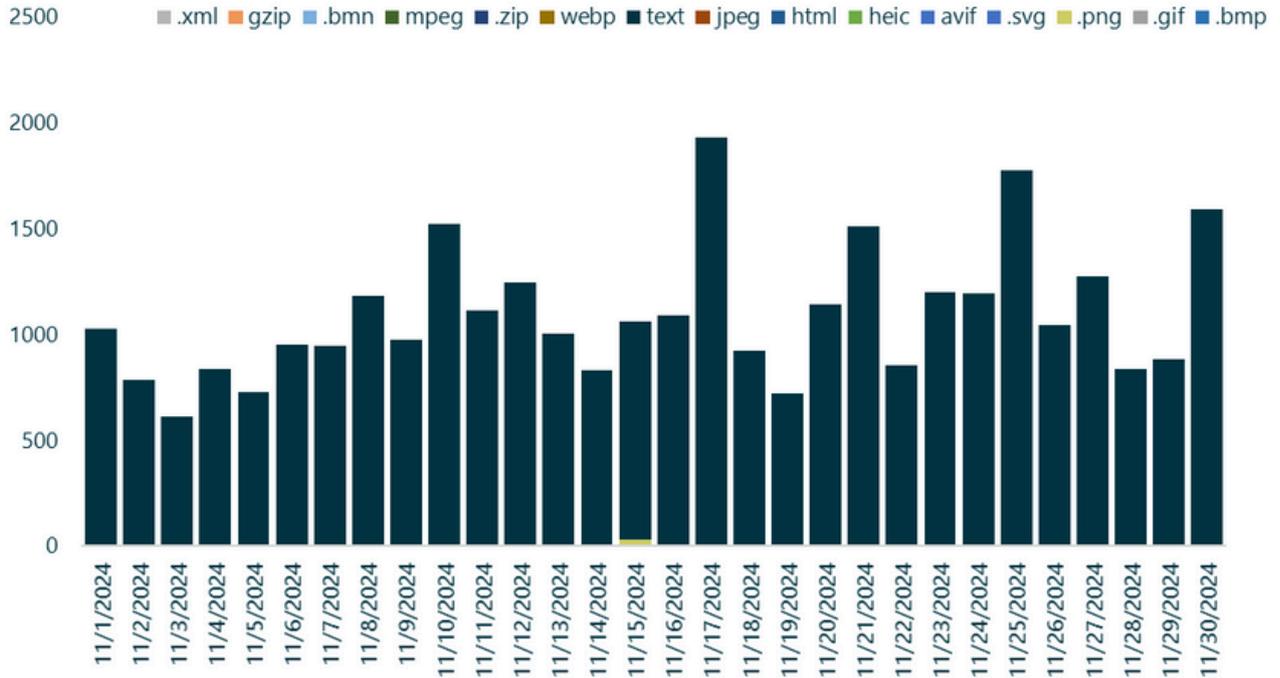
---

Source: SQRR Research. Data: stampchain.io.  
Data as of 08 December 2024.



All 63 Stamps were OLGA-Stamps, of which one Stamp was a SrC-721 specification. The total count of OLGA-Stamps reached 5,360 by the end of November 2024.

## Bitcoin Stamps by Type (overtime)

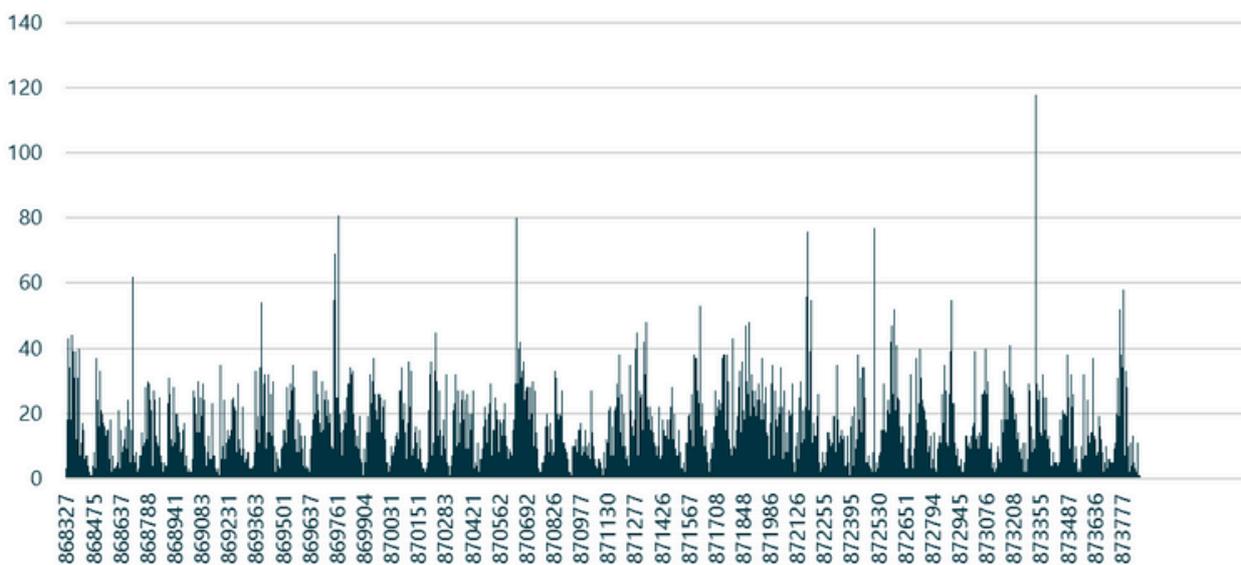


Source: SQRR Research. Data: stampchain.io.  
Data from 01 November to 30 November 2024.



The percentage of SRC-20 mints rose to 92.6% of the total Stamp transactions, while the percentages for SRC-721 and Classic Stamps type mints rose to 4.1% and 3.2%, respectively. There have been 25,720 Classic Stamps mints and 32,912 SRC-721 mints.

## Number of Stamps by Block



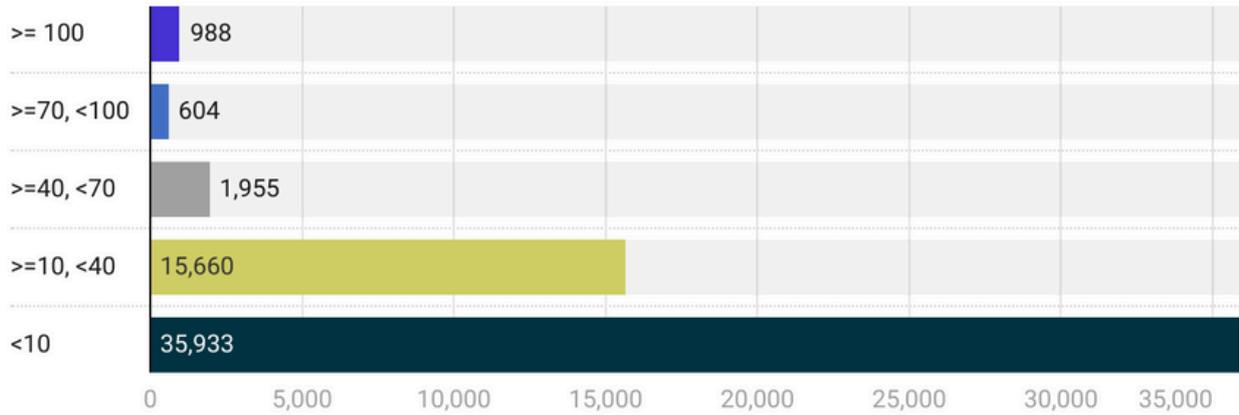
Source: SQRR Research. Data: stampchain.io.  
Data as from 01 November 2024 to 08 December 2024.



In November, Stamps transactions were identified in 3,476 blocks, with 2,201 blocks containing 1 to 9 Stamps transactions, while 1,239 blocks had 10 to 39 Stamps transactions. The highest recorded number of Stamps transactions in a single block is 975.



### Number of Blocks with Stamps (in Slabs)

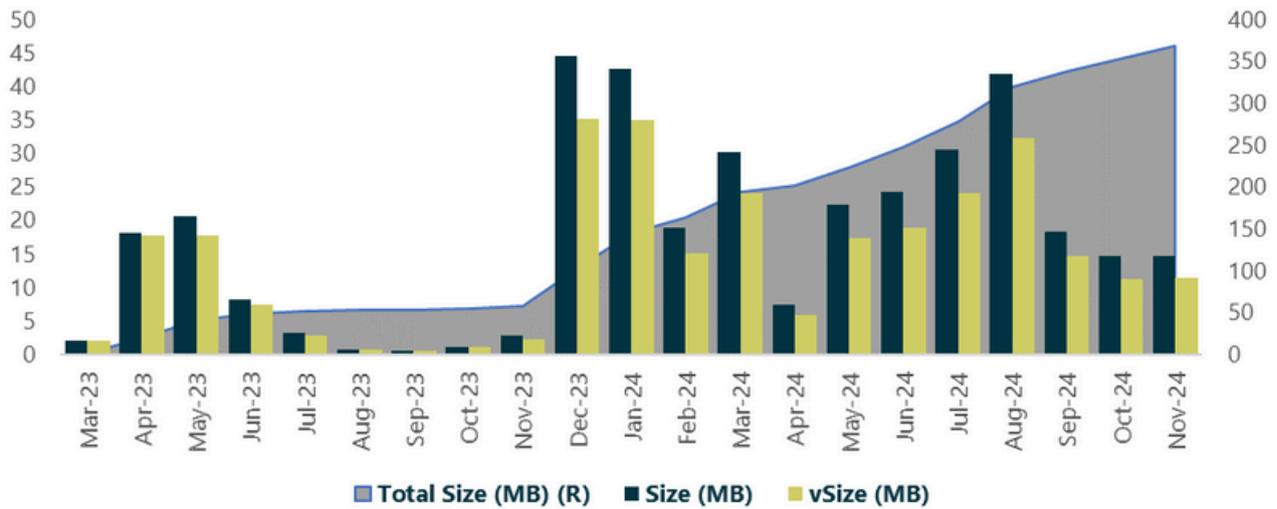


Source: SQRR Research. Data: stampchain.io. Created with: Datawrapper.  
Data as of 08 December 2024.

## Network Fees and Layer 1 Usage of the Stamps Protocol

By the end of November 2024, the Bitcoin blockchain had expanded by 7.15 GB, bringing its total size to 619.21 GB. The Stamps Protocol played a role in this growth, contributing 0.21% of the overall increase with an addition of 14.72 MB of data during the month. To date, Stamps has added a total of 0.3682 GB to the blockchain, representing approximately 0.06% of the entire network's size.

### Addition to the Blockchain Size (in Megabytes)

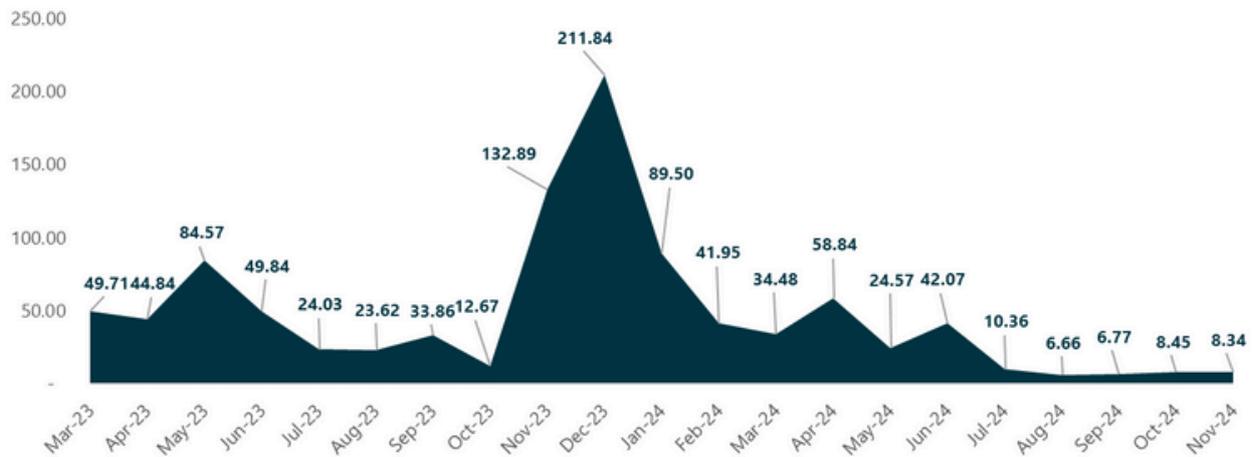


Source: SQRR Research. Data: stampchain.io, Flipsidecrypto.  
Data as of 30 November 2024.



The average transaction fee has remained consistently below double digits over the past few months, with the November figure recorded at 8.34 Sats/Byte. However, an increase in the number of Stamp transactions could drive the average fee higher, as has occurred in the past. Despite this, the current higher percentage of SRC-20 transactions overall has contributed to a lower average transaction fee per sat.

### Fee (Sats) per Byte



Source: SQRR Research. Data: stampchain.io, Flipsidecrypto.  
Data as of 30 November 2024.



Stamp ID 807211 required 84,936 bytes of data to mint across 1,972 scripts. The most expensive Stamp, ID 798710, incurred fees of \$757.19 to mint, while the scripts included \$360 worth of dust.

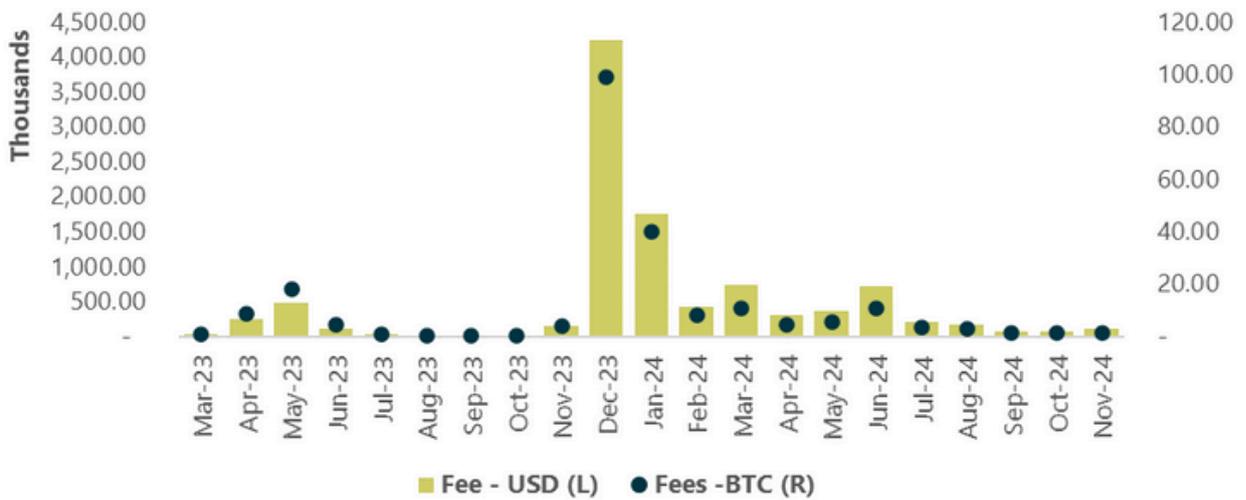
### Interesting Stamps (November 2024)

Item	Size (Bytes)	Fees (BTC)	Fees (\$)	Multi-sig Outputs	Dust (BTC)	Dust (\$)	Stamp ID
Largest Size	84,936	0.0022	215.00	1972*	0.0066	647.84	807211
Most Expensive	46,667	0.0077	757.19	1082*	0.0037	360.00	798710

Source: SQRR Research. Data: stampchain.io, Flipsidecrypto, Bitcoinvisuals. Data as of 30 November 2024. \* - An OLGA Stamp (UTXOs are not multi-sig.)

Miners earned 1.29 BTC in fees by including Stamps transactions in the network, marking the lowest monthly fees since December 2022. The total fees earned by miners rose to 368.16 BTC (10.3 million).

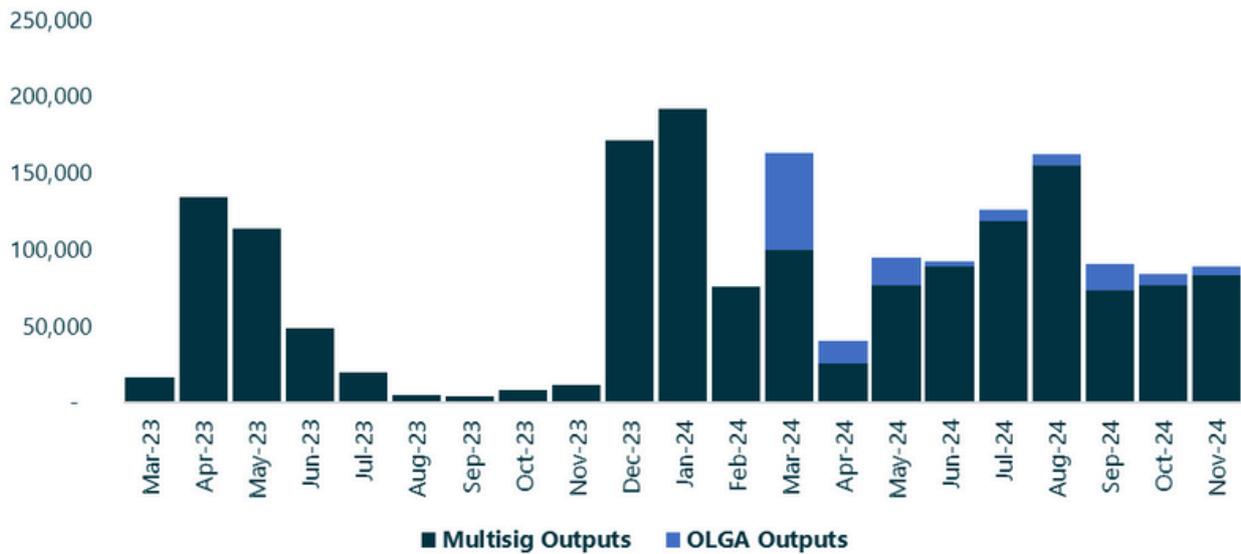
### Monthly Total Fees (in BTC and USD)



Source: SQRR Research. Data: stampchain.io, Flipsidecrypto, Bitcoinvisuals. Data as of 30 November 2024.

In the month, there were 83,530 stamps related scripts (P2WSH) and multi-sig outputs, which is a slight increase compared to the previous month. These outputs accounted for 0.49 BTC in dust, amounting to \$42,387.12. Meanwhile, the count of OLGA-Stamps related scripts decreased to 5,652, reflecting a drop in the overall OLGA-Stamps count for the month.

### UTXO expansion

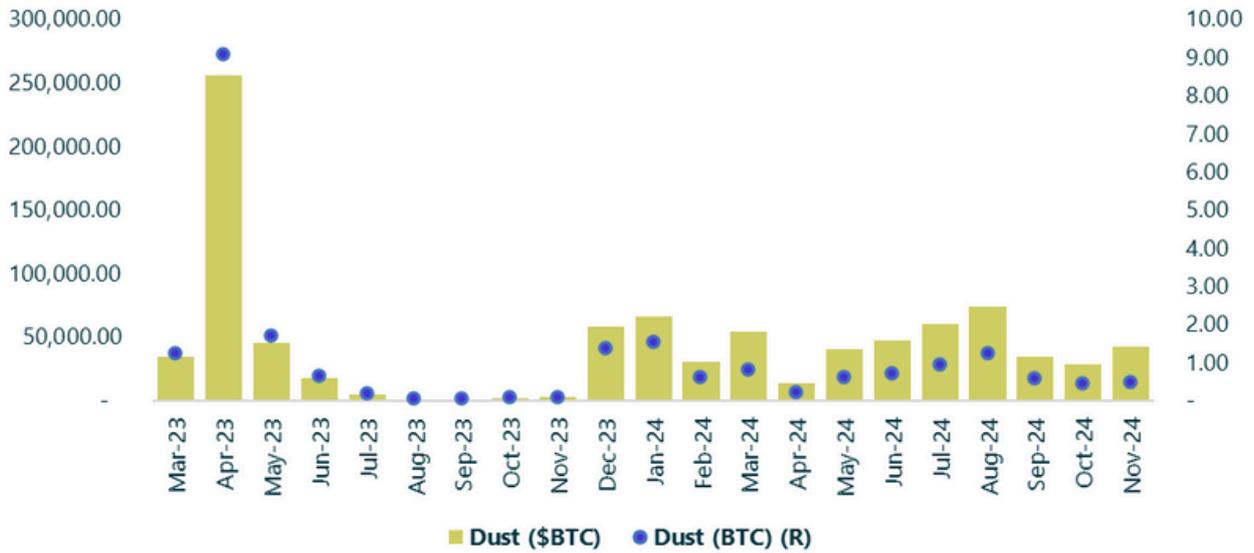


Source: SQRR Research. Data: stampchain.io, Flipside, Bitcoinvisuals, CoinGecko. Data as of 30 November 2024. Note: OLGA outputs include change outputs also.



The total dust contributions to outputs amounted to 22.59 BTC (\$0.92 million). The overall count of outputs was 1.6 million. By the end of November, OLGA-Stamps accounted for 144,380 outputs.

### Dust Used in Multi-Sig Outputs



Source: SQRR Research. Data: stampchain.io, Flipside, Bitcoinvisuals, CoinGecko. Data as of 30 November 2024.



The table below presents the multi-sig (and P2WSH used by SRC-20) and representative dust values up to December 08, 2024.

### UTXO expansion and Dust Used in Multi-Sig Outputs (Aggregate)

Item	Multi-sig Outputs	Dust (BTC)	Dust (\$)
Spendable	174,809	11.5484	324,726.37
Burn	1,448,805	11.1333	603,257.78
<b>Total</b>	<b>1,623,614</b>	<b>22.6818</b>	<b>927,984.14</b>

Source: SQRR Research. Data: stampchain.io, Flipside, Bitcoinvisuals, CoinGecko. Data as of 08 December 2024.



## Recent Developments

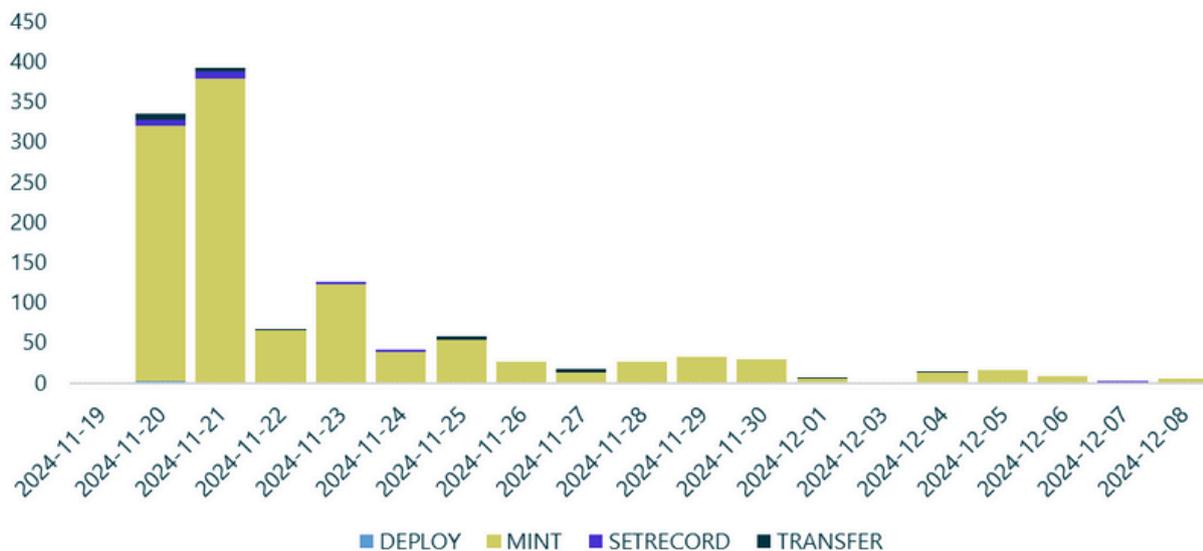
### The Stamps Development Fund

In the month, no change in the developer fund. The current balance of the Stamps Development Fund is 0.11833338 BTC (\$11,545.48). There were no major transactions in or out of the Fund.

### SRC-101 Goes Live

On November 19th, the SRC-101 transaction type (Bitname) went live on the network. By the end of the month, there were 4 'DEPLOY' operations and 1,106 'MINT' operations for SRC-101. Additionally, there were 22 'SETRECORD' operations and 21 'TRANSFER' operations.

### SRC-101 Transactions by Operation Type



Source: SQRR Research. Data: stampchain.io  
Data as of 08 December 2024.

## Concluding Remarks

The launch of SRC-101 marks an important milestone for the Stamps community, which is introducing new specifications that could have various future applications. However, we must remember that widespread adoption will depend on several factors, including community growth and infrastructure development. While the pace of growth is unpredictable, a natural progression could lead to sustainable development.

## Provide Feedback

We value your feedback and strive to enhance our content and offerings based on your suggestions. Let us know what you enjoyed about this report and if there is anything we may have overlooked. We're eager to receive feedback and encourage you to share your thoughts with us at [research@sqrr.xyz](mailto:research@sqrr.xyz).

## Disclaimer

The document generated by SQRR is for informational purposes only and should not be considered financial, investment, or legal advice, or an offer or the solicitation of an offer to buy or sell securities or other assets. The information in this report should be viewed alongside other professional evaluations and analyses as part of a comprehensive due diligence process. Readers should seek additional sources and consult professionals before making any decisions based on the information provided.

No guarantee is made for the accuracy or completeness of any information provided in the document. Any opinions, estimates, or recommendations expressed herein are subject to change without notice and constitute judgment as of the date of publication.

In this report, any mention of a particular project, commercial product, process, brand, or service, or the use of any trade, firm, or corporation name is solely for the purpose of providing information and convenience to the readers. It should not be interpreted as an endorsement, recommendation, or preference by SQRR.

