

BITSHARES COLLECTED FEES THROUGH OCTOBER 2017

Taconator |

1 Introduction

The BitShares 2.0 blockchain has been collecting fees for various operations since its inception on October 13, 2015. There are 45 types of operations available on the blockchain including account operations, asset operations, transfers operations, market operations, etc.

This document reports on the various fees that have been collected on the blockchain since the blockchain's inception through October 2017. Note that these collected fees are subsequently distributed to different stakeholders during maintenance intervals. Furthermore, these fees are distributed according to dynamic parameters that are specified by stakeholders, committee members, asset issuers, and the type of account that is paying for the operational fee. To reiterate, the fees reported in this document are merely the fees collected by the blockchain network and which are later distributed to various accounts. These fees are a superset of the fees that are ultimately distributed to the blockchain's reserve pool. In addition, this document does not report on the volume of activities on the blockchain; rather it is focused on the fees collected as a result of the activities. Finally, this document does not report on the subsequent distribution of the collected fees to entities such as the network, witnesses, worker proposals, asset issuers, referrers, nor lifetime member accounts.

Every operation that occurs on the network has an associated fee that may be paid for with any asset that is available on the network.¹ The quantities that are reported in this document are all reported in terms of the asset units that were specified for fee payment (e.g. BTS, bitGold, etc.) and are not expressed in terms of any common asset unit.

2 Summary

During October 2017, the BitShares network collected fees in 607 assets (see [Fees Collected During 2017-09](#)) across 7,891,183 operations (see [Appendix C](#)). The fees collected in the BTS asset alone amounted to 2,306,625. The distribution of operations contributing towards those BTS fees are shown in Table 1. The top two sources of collected fees were asset creation, and account upgrades (e.g. from standard membership to lifetime membership).

Table 1. The distribution of collected BTS fees across the leading types of operations during 2017-10 (rounded to the nearest integer)

Operation	Total (BTS)
Asset Create	80%
Account Upgrade	14%
Account Create	2%
Limit Order Create	2%
Transfer	1%

From October 2015 through October 2017, the BitShares network collected fees in 1,114 assets across 74,982,730 operations. The total fees collected in the core asset, BTS, were 60,215,462 BTS. The monthly fees paid in BTS are plotted in Fig. 1.

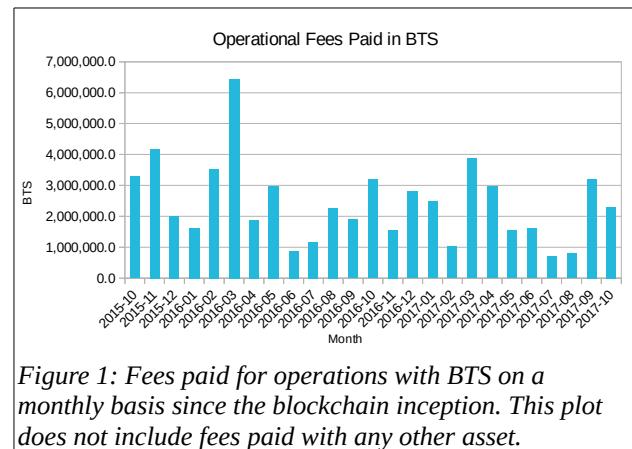


Figure 1: Fees paid for operations with BTS on a monthly basis since the blockchain inception. This plot does not include fees paid with any other asset.

The distribution of operations contributing towards those BTS fees are shown in Table 1. The top three sources of generated fees are asset creation, account upgrades (e.g. from standard membership to lifetime membership), and account creation.

Table 1. The distribution of collected BTS fees across the leading types of operations from 2015-10 through 2017-10 (rounded to the nearest integer)

Operation	Total (BTS)
Asset Create	52%
Account Upgrades	24%
Account Create	15%
Limit Order Create	4%
Transfer Operation	2%
Witness Create	1%
Vesting Balance Withdrawal	1%

¹ However, it has been observed that most fees are paid with the blockchain's core asset, BTS.

The monthly quantity of transaction and operations are plotted in Fig. 2.

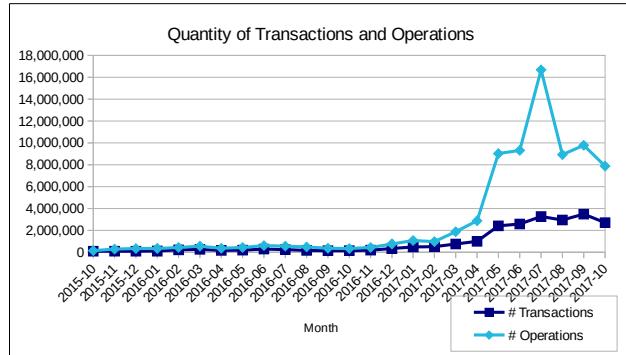


Figure 2: Quantity of transactions and operations on a monthly basis since the blockchain inception.

The various values that were observed on the BitShares blockchain from October 2017 through October 2017 are reported in the Appendices. [Appendix A](#) lists the fees for every operation as a percentage of the total fees collected in each asset. This appendix can be helpful for quickly identifying the distribution of fees across operation types. [Appendix B](#) lists the nominal fees collected for every operation type. This appendix contains the detailed fees from which the percentage values in Appendix A are determined. [Appendix C](#) lists the quantities of transactions and operations. [Appendix D](#) lists the fee schedule per operation. [Appendix E](#) lists the blockchain advisors who have the authority to change the fees schedule.

3 Acknowledgments

Any possible errors in this document are those of the author alone.



Appendix A: Fees Collected in Percentage Terms

This appendix reports on the same fees presented in percentage terms of the total fees collected for an asset. This format can be helpful for inspecting the distribution of fees across all operation types.

Fees Collected During 2015-10

Table 2. Fees collected by blockchain during 2015-10 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.

Fees Collected During 2015-11

Table 3. Fees collected by blockchain during 2015-11 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.

Fees Collected During 2015-12

Table 4. Fees collected by blockchain during 2015-12 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.

Asset ID	Symbol	Quantity																	
		Transfer %																	
		Limit Order Create %																	
1.3.734	TCNY	14.2	44	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.742	CRAPCOIN	2,499.9	14	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.744	SPERM	52.1	62	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.745	BLOCKCHA INFUND	148.1	61	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.746	ANTSHARE	50.4	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.747	BOSEG	120.0	75	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.749	QUANT	33.0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.751	IOU.ANS	0.4	76	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.753	OSCAR	0.0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.758	GAMEBET	96.3	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.770	FALLOUT	10.0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.771	BOTTLECAPS	20.0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.776	OPENPOS	2.9	45	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.777	MERRY.CHRISTMAS	64.2	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.781	ABTSLA	9.0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Fees Collected During 2016-01

Table 5. Fees collected by blockchain during 2016-01 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.

Asset ID	Symbol	Quantity																	
		Transfer %																	
		Limit Order Create %																	
1.3.0	BTS	1,624,237.4	12	9	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0
1.3.103	BTC	0.0	4	96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.105	SILVER	0.1	22	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.106	GOLD	0.0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.113	CNY	73.2	26	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.118	GBP	0.0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.120	EUR	4.1	17	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.121	USD	15.7	17	83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.130	HLP	0.0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.350	TRADE.BTC	0.0	9	91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.397	ALTFUND	0.5	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.422	AWCOIN	4,734.2	96	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.472	METAFEEES	0.2	12	88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.541	AIWCNY	18.0	40	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.552	TIPSHARES	1,900.0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.557	QWERTY	251.1	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.569	OPENBTC	0.1	10	90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.577	OPENLTC	0.1	60	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.578	OPENDOGE	3,666.7	27	73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.579	OPENDASH	0.1	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.585	QBITS	5,000.0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.587	FRESH	1.0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.590	OPENMUSE	11,880.5	4	96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.592	METAEX.BTC	0.0	28	72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.599	TRADE.MUSE	1,548.4	42	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.607	PERKS	59.2	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.609	IOU.CNY	0.6	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0





Fees Collected During 2016-02

Table 6. Fees collected by blockchain during 2016-02 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.



Fees Collected During 2016-03

Table 7. Fees collected by blockchain during 2016-03 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.





Fees Collected During 2016-04

Table 8. Fees collected by blockchain during 2016-04 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.



Asset ID	Symbol	Quantity																	
1.3.921	CASH.USD	2.6	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.933	MKR	0.1	74	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.938	REPUTATION	0.0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.946	KITTY	688.3	79	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.950	CAYMAN	1.1	98	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.956	BTSPLUS	0.0	0	97	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.966	MILLIONTDD	1.2	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.972	TOYOTA	0.1	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.973	OPEN.STEEM	3.0	95	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.975	LISKICO	0.4	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.977	OPEN.LISK	1.0	0	99	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.979	OPEN.DGD	9.1	1	99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.981	DUPCOIN	3,421.1	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.983	WORTHLESS	102,732.3	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.984	WORTHMORE	0.0	99	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.986	TRUMP	0.3	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.987	CLINTON	73,380.9	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.988	SANDERS	1,486.9	1	99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.989	WASHINGTON	0.3	1	99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.990	FRANKLIN	146,760.0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.991	FREEDOM	293,520.0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.992	UNITEDSTATES	0.0	30	60	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.993	EUROPE	0.0	37	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.996	YASHA	3.7	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.998	WETSTOCK	0.3	94	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.999	DRYSTOCK	0.1	82	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Fees Collected During 2016-05

Table 9. Fees collected by blockchain during 2016-05 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.

Asset ID	Symbol	Quantity																	
1.3.0	BTS	2,983,720.2	1	0	0	0	0	2	0	0	19	0	76	0	0	0	0	0	0
1.3.103	BTC	0.0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.105	SILVER	0.0	37	53	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.106	GOLD	0.0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.113	CNY	2.7	95	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.120	EUR	0.4	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.121	USD	0.4	93	6	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
1.3.349	TRADE.LTC	0.0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.350	TRADE.BTC	0.0	99	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.422	AWCOIN	114.2	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.554	ELECTROTAXI	16.1	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.555	HRYVNA	1.5	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.562	OBITS	11.7	93	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



Fees Collected During 2016-06

Table 10. Fees collected by blockchain during 2016-06 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.



Fees Collected During 2016-07

Table 11. Fees collected by blockchain during 2016-07 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.



Asset ID	Symbol	Quantity																	
		Transfer %																	
		Limit Order Create %																	
		Limit Order Cancel %																	
		Call Order Update %																	
		Fill Order %																	
		Account Create %																	
		Account Whitelisting %																	
		Account Upgrade %																	
		Account Transfer %																	
		Asset Create %																	
		Asset Update %																	
		Asset Update BitAsset %																	
		Asset Update Feed Producers %																	
		Asset Issue %																	
		Asset Reserve %																	
		Asset Fund Fee Pool %																	
		Asset Settle %																	
		Asset Publish Feed																	
		Witness Create %																	
		Proposal Create %																	
		Proposal Update %																	
		Proposal Deletion %																	
		Withdraw Permission Create %																	
		Withdraw Permission Update %																	
		Withdraw Permission Claim %																	
		Withdraw Permission Delete %																	
		Committee Member Create %																	
		Committee Member Update %																	
		Com. Mem. Update Global Parameters %																	
		Vesting Balance Create %																	
		Vesting Balance Withdraw %																	
		Worker Create %																	
		Custom %																	
		Assert %																	
		Balance Claim %																	
		Override Transfer %																	
		Transfer to Blind %																	
		Blind Transfer %																	
		Transfer from Blind %																	
		Asset Settle Cancel %																	
		Asset Claim Fees %																	
		FBA Distribution %																	

Fees Collected During 2016-08

Table 12. Fees collected by blockchain during 2016-08 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.

Asset ID	Symbol	Quantity																	
		Transfer %																	
		Limit Order Create %																	
</tr



Fees Collected During 2016-09

Table 13. Fees collected by blockchain during 2016-09 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.





Fees Collected During 2016-10

Table 14. Fees collected by blockchain during 2016-10 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.

Fees Collected During 2016-11

Table 15. Fees collected by blockchain during 2016-11 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.





Fees Collected During 2016-12

Table 16. Fees collected by blockchain during 2016-12 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.





Fees Collected During 2017-01

Table 17. Fees collected by blockchain during 2017-01 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.





Fees Collected During 2017-02

Table 18. Fees collected by blockchain during 2017-02 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.



Fees Collected During 2017-03

Table 19. Fees collected by blockchain during 2017-03 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.





Fees Collected During 2017-04

Table 20. Fees collected by blockchain during 2017-04 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.







Asset ID	Symbol	Quantity										Limit Order Create %														
		Transfer %					Limit Order Cancel %					Call Order Update %					Fill Order %					Account Create %				
1.3.1325	RUBLE	3.5	58	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1327	LEOBUZZ	3,669.2	15	85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1331	IOU.BCS	3,685.5	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1345	TRUMPSUCKS	10.8	99	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1347	EVETAB	4.3	0	98	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1352	QORA	6.0	70	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1353	OPEN.EXCL	0.2	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Fees Collected During 2017-05

Table 21. Fees collected by blockchain during 2017-05 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.

Asset ID	Symbol	Quantity										Limit Order Create %										Fill Order %										Account Create %																																																																																																																												
		Transfer %					Limit Order Cancel %					Call Order Update %					Fill Order %					Account Update %					Account Whitelisting %					Account Upgrade %					Account Transfer %					Asset Create %					Asset Update %					Asset Whitelisting %					Asset Upgrade %					Asset Transfer %					Asset Create %					Asset Update %					Asset BitAsset %					Asset Update Feed Producers %					Asset Issue %					Asset Reserve %					Asset Fund Fee Pool %					Asset Settle %					Asset Global Settle %					Asset Publish Feed					Witness Create %					Witness Update %					Proposal Create %					Proposal Update %					Proposal Delete %					Withdraw Permission Create %					Withdraw Permission Update %					Withdraw Permission Claim %				





Fees Collected During 2017-06

Table 22. Fees collected by blockchain during 2017-06 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.







Fees Collected During 2017-07

Table 23. Fees collected by blockchain during 2017-07 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.





Fees Collected During 2017-08

Table 24. Fees collected by blockchain during 2017-08 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.





Fees Collected During 2017-09

Table 25. Fees collected by blockchain during 2017-09 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.







Fees Collected During 2017-10

Table 26. Fees collected by blockchain during 2017-10 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.







Fees Collected All-Time

Table 27. Fees collected by the blockchain from 2015-10 through 2017-10 for the different operation types. The fees are presented in percentage terms of the total fees collected for an asset.

















Asset ID	Symbol	Quantity	Operations & Metrics																				
			Order Book			Market Data			Trade Flow			Risk Management			Compliance			Audit & Reporting			Operational Health		
Buy/Sell			Depth			Volume			Price			Margin			Liquidity			Audit Log			System Status		
1.3.1937	IMAGE	303.5	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1938	STYLE	303.5	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1939	CLEAR	303.5	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1940	FILES	303.5	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1941	ALIAS	303.5	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1942	DOMAIN	303.5	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1943	FRAME	303.5	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1944	GROUP	303.0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1945	BEIJING	303.4	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1946	PEKING	303.4	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1947	BCH	48,558.7	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1948	WITBTC	303.4	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1949	BOND	12,139.7	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1950	NOTES	303.4	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1951	ISSUE	303.4	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1952	FLAGS	303.4	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1953	ORDER	303.4	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1954	SHOES	303.4	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1955	PLASMA	303.4	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1956	FILECOIN	303.4	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1957	STORE	303.4	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1958	GLOBAL	303.5	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1959	PUBLIC	303.5	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1960	HEDGE	303.5	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1961	OFFER	303.5	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1962	REPORT	303.5	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1963	ACCOUNT	303.5	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1964	JOINT	303.5	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1965	LENDER	303.5	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1966	LIMIT	303.5	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1967	LIBOR	303.5	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1968	PRICE	303.5	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1969	RATING	303.5	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1970	EQUITY	303.5	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1971	SWAP	12,139.7	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1972	SWAPS	303.5	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1973	SHEET	303.5	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1974	PRINT	303.5	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3.1975	THINK	303.5	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1976	BEGIN	303.5	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1977	SERVE	303.5	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1978	DRIVE	303.5	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1979	CLASS	303.5	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1980	WATCH	303.5	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1981	STUDY	303.5	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3.1982	LEARN	303.5	0	100	0	0	0																







Appendix B: Fees Collected in Nominal Terms

This appendix reports only on operations for which a fee was collected. The values reported are the nominal values for each asset.

Fees Collected During 2015-10

Table 28. Fees collected by blockchain during 2015-10 for transfer operation

Asset ID	Symbol	Fee Total
1.3.0	BTS	69,772.7
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	19.7
1.3.120	EUR	1.6
1.3.121	USD	22.3
1.3.349	TRADE.LTC	0.1
1.3.350	TRADE.BTC	0.0
1.3.552	TIPSHARES	20,000.0
1.3.569	OPENBTC	0.0
1.3.577	OPENLTC	0.1
1.3.578	OPENDOGE	1,414.1
1.3.579	OPENDASH	0.1

Table 29. Fees collected by blockchain during 2015-10 for limit order create operation

Asset ID	Symbol	Fee Total
1.3.0	BTS	12,955.0
1.3.103	BTC	0.0
1.3.105	SILVER	0.1
1.3.106	GOLD	0.0
1.3.110	RUB	4.9
1.3.113	CNY	10.4
1.3.118	GBP	0.0
1.3.120	EUR	0.4
1.3.121	USD	9.5
1.3.350	TRADE.BTC	0.0
1.3.554	ELECTROTAXI	100.0
1.3.569	OPENBTC	0.0
1.3.578	OPENDOGE	3,333.3

Table 30. Fees collected by blockchain during 2015-10 for limit order cancel operation

Asset ID	Symbol	Quantity
1.3.0	BTS	28,860.0

Table 31. Fees collected by blockchain during 2015-10 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	457,572.0

Table 32. Fees collected by blockchain during 2015-10 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	9,754.6

Table 33. Fees collected by blockchain during 2015-10 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,870,000.0

Table 34. Fees collected by blockchain during 2015-10 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	480,000.0

Table 35. Fees collected by blockchain during 2015-10 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	13,000.0

Table 36. Fees collected by blockchain during 2015-10 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,965.2

Table 37. Fees collected by blockchain during 2015-10 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	92.0

Table 38. Fees collected by blockchain during 2015-10 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,000.0

Table 39. Fees collected by blockchain during 2015-10 for asset publish feed operation

Asset ID	Symbol	Fee Total
1.3.0	BTS	95,599.3

Table 40. Fees collected by blockchain during 2015-10 for witness create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	250,000.0



Table 41. Fees collected by blockchain during 2015-10 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	6,060.0

Table 42. Fees collected by blockchain during 2015-10 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	300.0

Table 43. Fees collected by blockchain during 2015-10 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	19.0

Table 44. Fees collected by blockchain during 2015-10 for committee member create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	13.0

Table 45. Fees collected by blockchain during 2015-10 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	158.0

Table 46. Fees collected by blockchain during 2015-10 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	14.0

Table 47. Fees collected by blockchain during 2015-10 for transfer to blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	705.0

Table 48. Fees collected by blockchain during 2015-10 for blind transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	525.0

Table 49. Fees collected by blockchain during 2015-10 for transfer from blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	135.0

Fees Collected During 2015-11

Table 50. Fees collected by blockchain during 2015-11 for transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	161,104.2
1.3.103	BTC	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	73.6
1.3.120	EUR	0.8
1.3.121	USD	15.8
1.3.349	TRADE.LTC	0.2
1.3.350	TRADE.BTC	0.0
1.3.422	AWCOIN	90.0
1.3.423	SYCOIN	360.0
1.3.472	METAFEEES	0.2
1.3.552	TIPSHARES	1,188.2
1.3.556	BOND.CNY	3.0
1.3.557	QWERTY	404.4
1.3.560	DORIAN	41.9
1.3.562	OBITS	432.5
1.3.569	OPENBTC	0.0
1.3.577	OPENLTC	0.0
1.3.578	OPENDOGE	9,726.6
1.3.579	OPENDASH	0.1
1.3.585	QBITS	75,878.9
1.3.590	OPENMUSE	2,167.3
1.3.592	METAEX.BTC	0.0
1.3.593	METAEX.ETH	0.1
1.3.594	METAEX.NXT	20.5
1.3.595	SHMACK	3.0
1.3.599	TRADE.MUSE	4,411.7
1.3.607	PERKS	53.8
1.3.609	IOU.CNY	0.1
1.3.614	GSTAMP	10,525.0
1.3.616	GREENPOINT	0.6
1.3.621	MINUTE	40.0
1.3.636	FLATEARTH	72.1
1.3.639	BTSFCX	2,190.6
1.3.642	IOU.PLS	41.8
1.3.658	FISTBUMP	1,081.5
1.3.659	OPENSESAME	94.2
1.3.660	HIGHFIVE	191.0
1.3.666	GREATIDEA	316.9
1.3.670	MEGUSTA	38.5
1.3.671	BEYONDBITCOIN	347.5
1.3.673	THANKYOU	193.3
1.3.678	KUDOS	96.3



Asset ID	Symbol	Quantity
1.3.680	PERCENT	443.4
1.3.685	BEARHUG	93.0
1.3.688	SMILE	93.0
1.3.708	TWEET	64.2

Table 51. Fees collected by blockchain during 2015-11 for limit order create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	37,270.0
1.3.103	BTC	0.0
1.3.105	SILVER	0.1
1.3.106	GOLD	0.0
1.3.110	RUB	0.0
1.3.113	CNY	52.0
1.3.120	EUR	0.6
1.3.121	USD	16.6
1.3.349	TRADE.LTC	0.0
1.3.350	TRADE.BTC	0.0
1.3.422	AWCOIN	1,010.0
1.3.423	SYCOIN	70.0
1.3.472	METAFEESES	0.4
1.3.541	AIWCNY	25.2
1.3.552	TIPSHARES	360.0
1.3.556	BOND.CNY	4.0
1.3.557	QWERTY	16.7
1.3.562	OBITS	123.9
1.3.569	OPENBTC	0.0
1.3.577	OPENLTC	0.3
1.3.578	OPENDOGE	8,333.3
1.3.579	OPENDASH	0.3
1.3.580	OPENPPC	0.1
1.3.590	OPENMUSE	1,800.0
1.3.592	METAEX.BTC	0.0
1.3.594	METAEX.NXT	70.0
1.3.599	TRADE.MUSE	2,250.0
1.3.604	SHARE	20.0
1.3.607	PERKS	12.0
1.3.608	PENCIL	100.0
1.3.609	IOU.CNY	0.1
1.3.611	GNOTES	100.0
1.3.612	GBANK	3,525.0
1.3.614	GSTAMP	10,300.0
1.3.616	GREENPOINT	0.2
1.3.619	USDTR	20.0
1.3.620	SECOND	10.0
1.3.625	BREAKOUT.BTC	10.0
1.3.626	SANDWICH	10,000.0

Asset ID	Symbol	Quantity
1.3.629	IOU.ABC	0.0
1.3.637	PLATINUM	20,000.0
1.3.638	LITECOIN	70.0
1.3.639	BTSFCX	300.0
1.3.642	IOU.PLS	20.0
1.3.658	FISTBUMP	470.0
1.3.659	OPENSESAME	10.0
1.3.660	HIGHFIVE	130.0
1.3.666	GREATIDEA	250.0
1.3.670	MEGUSTA	1.0
1.3.671	BEYONDBITCOIN	40.0
1.3.672	BROFIST	10,200.0
1.3.673	THANKYOU	10.0
1.3.678	KUDOS	10.0
1.3.680	PERCENT	240.0
1.3.708	TWEET	10.0

Table 52. Fees collected by blockchain during 2015-11 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	28,880.0

Table 53. Fees collected by blockchain during 2015-11 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	449,164.0

Table 54. Fees collected by blockchain during 2015-11 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	7,014.2

Table 55. Fees collected by blockchain during 2015-11 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	6.0

Table 56. Fees collected by blockchain during 2015-11 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,284,000.0

Table 57. Fees collected by blockchain during 2015-11 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,150,000.0



Table 58. Fees collected by blockchain during 2015-11 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	15,967.4

Table 59. Fees collected by blockchain during 2015-11 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	6,898.9

Table 60. Fees collected by blockchain during 2015-11 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	158.0

Table 61. Fees collected by blockchain during 2015-11 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	158.0

Table 62. Fees collected by blockchain during 2015-11 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	8,000.0

Table 63. Fees collected by blockchain during 2015-11 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	26,041.6

Table 64. Fees collected by blockchain during 2015-11 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,680.0

Table 65. Fees collected by blockchain during 2015-11 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	320.0

Table 66. Fees collected by blockchain during 2015-11 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	74.0

Table 67. Fees collected by blockchain during 2015-11 for committee member create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	8.0

Table 68. Fees collected by blockchain during 2015-11 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	110.0

Table 69. Fees collected by blockchain during 2015-11 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	18.0

Table 70. Fees collected by blockchain during 2015-11 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2.0

Table 71. Fees collected by blockchain during 2015-11 for transfer to blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	80.0

Table 72. Fees collected by blockchain during 2015-11 for blind transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	105.0

Table 73. Fees collected by blockchain during 2015-11 for transfer from blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	20.0

Fees Collected During 2015-12

Table 74. Fees collected by blockchain during 2015-12 for transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	132,968.6
1.3.103	BTC	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	50.2
1.3.120	EUR	0.5
1.3.121	USD	4.7
1.3.349	TRADE.LTC	0.0
1.3.350	TRADE.BTC	0.0
1.3.422	AWCOIN	6,959.8
1.3.472	METAFEEES	0.1
1.3.541	AIWCNY	13.5
1.3.560	DORIAN	0.0
1.3.562	OBITS	113.5
1.3.569	OPENBTC	0.0



Asset ID	Symbol	Quantity
1.3.577	OPENLTC	0.2
1.3.579	OPENDASH	0.3
1.3.580	OPENPPC	1.2
1.3.585	QBITS	8,261.7
1.3.590	OPENMUSE	374.5
1.3.599	TRADE.MUSE	810.5
1.3.607	PERKS	65.2
1.3.609	IOU.CNY	0.1
1.3.611	GNOTES	60.0
1.3.614	GSTAMP	2,175.0
1.3.628	BRICS	12,179.7
1.3.629	IOU.ABC	0.2
1.3.636	FLATEARTH	32.1
1.3.637	PLATINUM	63,906.2
1.3.639	BTSFCX	64.8
1.3.642	IOU.PLS	31.8
1.3.658	FISTBUMP	385.5
1.3.659	OPENSESAME	34.0
1.3.684	NEURATEST	0.6
1.3.688	SMILE	33.0
1.3.705	WARNING	32.1
1.3.734	TCNY	6.3
1.3.742	CRAPCOIN	339.9
1.3.744	SPERM	32.1
1.3.745	BLOCKCHAINFUND	90.0
1.3.747	BOSEG	90.0
1.3.749	QUANT	33.0
1.3.751	IOU.ANS	0.3
1.3.758	GAMEBET	96.3
1.3.776	OPENPOS	1.3
1.3.777	MERRY.CHRISTMAS	64.2

Table 75. Fees collected by blockchain during 2015-12 for limit order create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	50,880.0
1.3.103	BTC	0.0
1.3.105	SILVER	0.1
1.3.106	GOLD	0.0
1.3.113	CNY	34.2
1.3.118	GBP	0.1
1.3.120	EUR	0.7
1.3.121	USD	9.2
1.3.350	TRADE.BTC	0.0
1.3.422	AWCOIN	1,340.0
1.3.472	METAFEES	0.4
1.3.541	AIWCNY	44.4

Asset ID	Symbol	Quantity
1.3.552	TIPSHARES	10.0
1.3.562	OBITS	195.4
1.3.569	OPENBTC	0.0
1.3.577	OPENLTC	0.1
1.3.578	OPENDOGE	7,333.3
1.3.579	OPENDASH	0.6
1.3.585	QBITS	10,000.0
1.3.590	OPENMUSE	4,680.0
1.3.592	METAEX.BTC	0.0
1.3.593	METAEX.ETH	0.0
1.3.594	METAEX.NXT	10.0
1.3.599	TRADE.MUSE	950.0
1.3.607	PERKS	5.0
1.3.611	GNOTES	50.0
1.3.614	GSTAMP	3,200.0
1.3.616	GREENPOINT	0.0
1.3.626	SANDWICH	10,000.0
1.3.628	BRICS	229,390.0
1.3.629	IOU.ABC	0.0
1.3.656	PETROCHINA	10.0
1.3.658	FISTBUMP	560.0
1.3.660	HIGHFIVE	20.0
1.3.666	GREATIDEA	10.0
1.3.673	THANKYOU	30.0
1.3.676	TRUST	10.0
1.3.680	PERCENT	10.0
1.3.688	SMILE	50.0
1.3.715	CREDO	10.0
1.3.720	BARRAS	12.4
1.3.724	YUAN	70.0
1.3.730	PETROBRAS	10.0
1.3.734	TCNY	7.9
1.3.742	CRAPCOIN	2,160.0
1.3.744	SPERM	20.0
1.3.745	BLOCKCHAINFUND	58.1
1.3.746	ANTSHARE	50.4
1.3.747	BOSEG	30.0
1.3.751	IOU.ANS	0.1
1.3.753	OSCAR	0.0
1.3.770	FALLOUT	10.0
1.3.771	BOTTLECAPS	20.0
1.3.776	OPENPOS	1.6
1.3.781	ABTSLA	9.0

Table 76. Fees collected by blockchain during 2015-12 for call order update operation

Asset ID	Symbol	Quantity



1.3.0	BTS	12,830.0
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Table 77. Fees collected by blockchain during 2015-12 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	158,736.6

Table 78. Fees collected by blockchain during 2015-12 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,557.6

Table 79. Fees collected by blockchain during 2015-12 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	492,000.0

Table 80. Fees collected by blockchain during 2015-12 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,095,000.0

Table 81. Fees collected by blockchain during 2015-12 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,687.2

Table 82. Fees collected by blockchain during 2015-12 for asset update BitAsset operation

Asset ID	Symbol	Quantity
1.3.0	BTS	5,000.0

Table 83. Fees collected by blockchain during 2015-12 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,883.5

Table 84. Fees collected by blockchain during 2015-12 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	80.0

Table 85. Fees collected by blockchain during 2015-12 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	8.0

Table 86. Fees collected by blockchain during 2015-12 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	6,400.0

Table 87. Fees collected by blockchain during 2015-12 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	31,485.0

Table 88. Fees collected by blockchain during 2015-12 for witness create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	10,000.0

Table 89. Fees collected by blockchain during 2015-12 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	3,440.0

Table 90. Fees collected by blockchain during 2015-12 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,080.0

Table 91. Fees collected by blockchain during 2015-12 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	134.0

Table 92. Fees collected by blockchain during 2015-12 for committee member create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	6.0

Table 93. Fees collected by blockchain during 2015-12 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	120.0

Table 94. Fees collected by blockchain during 2015-12 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	6.0

Table 95. Fees collected by blockchain during 2015-12 for transfer to blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	120.0

Table 96. Fees collected by blockchain during 2015-12 for blind transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	60.0



Fees Collected During 2016-01

Table 97. Fees collected by blockchain during 2016-01 for transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	194,973.7
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.113	CNY	19.1
1.3.120	EUR	0.7
1.3.121	USD	2.6
1.3.130	HLP	0.0
1.3.350	TRADE.BTC	0.0
1.3.422	AWCOIN	4,534.2
1.3.472	METAFEESES	0.0
1.3.541	AIWCNY	7.2
1.3.569	OPENBTC	0.0
1.3.577	OPENLTC	0.0
1.3.578	OPENDOGE	1,000.0
1.3.579	OPENDASH	0.1
1.3.587	FRESH	1.0
1.3.590	OPENMUSE	460.5
1.3.592	METAEX.BTC	0.0
1.3.599	TRADE.MUSE	648.4
1.3.607	PERKS	59.2
1.3.609	IOU.CNY	0.6
1.3.614	GSTAMP	462.1
1.3.626	SANDWICH	0.6
1.3.629	IOU.ABC	0.0
1.3.734	TCNY	1.3
1.3.747	BOSEG	32.1
1.3.749	QUANT	455.0
1.3.766	OPEN.EUR	0.1
1.3.795	IOU.LBA	6.2
1.3.798	GOLDENTICKET	64.2
1.3.799	SILVERTICKET	32.1
1.3.800	COPPERTICKET	64.2
1.3.802	PEWPS	240,820.3
1.3.803	DISRUPTDAILY	2.1
1.3.804	SPORTS.SBLAFC	32.1
1.3.808	BGIBTS	10.0
1.3.816	TRYBITSHARES	96.3
1.3.818	FREEROSS	33.0
1.3.825	IOU.LUCKY	31.9
1.3.826	OPENBKS	0.0

Table 98. Fees collected by blockchain during 2016-01 for limit order create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	152,880.0
1.3.103	BTC	0.0
1.3.105	SILVER	0.1
1.3.106	GOLD	0.0
1.3.113	CNY	54.1
1.3.118	GBP	0.0
1.3.120	EUR	3.3
1.3.121	USD	13.1
1.3.350	TRADE.BTC	0.0
1.3.397	ALTFUND	0.5
1.3.422	AWCOIN	200.0
1.3.472	METAFEESES	0.2
1.3.541	AIWCNY	10.8
1.3.552	TIPSHARES	1,900.0
1.3.557	QWERTY	251.1
1.3.569	OPENBTC	0.0
1.3.577	OPENLTC	0.0
1.3.578	OPENDOGE	2,666.7
1.3.579	OPENDASH	0.1
1.3.585	QBITS	5,000.0
1.3.590	OPENMUSE	11,420.0
1.3.592	METAEX.BTC	0.0
1.3.599	TRADE.MUSE	900.0
1.3.616	GREENPOINT	0.0
1.3.626	SANDWICH	0.4
1.3.629	IOU.ABC	631.2
1.3.660	HIGHFIVE	2,150.0
1.3.662	OPENNBT	0.0
1.3.666	GREATIDEA	1,920.0
1.3.673	THANKYOU	2,260.0
1.3.678	KUDOS	2,390.0
1.3.680	PERCENT	1,800.0
1.3.688	SMILE	2,320.0
1.3.708	TWEET	2,410.0
1.3.720	BARRAS	0.6
1.3.734	TCNY	2.2
1.3.746	ANTSHARE	1.4
1.3.750	CONNECT	0.0
1.3.766	OPEN.EUR	0.1
1.3.767	OPEN.CNY	0.3
1.3.770	FALLOUT	100.0
1.3.776	OPENPOS	14.0
1.3.781	ABTSLA	241.0
1.3.796	REPGENSIXTEEN	20.0



Asset ID	Symbol	Quantity
1.3.801	BTCPREDICT	20.0
1.3.802	PEWPS	9,000.0
1.3.804	SPORTS.SBLAFC	2,460.0
1.3.806	GRAND	0.1
1.3.808	BGIBTS	13.3
1.3.809	MILLION	0.0
1.3.814	OPEN.EMC	0.7
1.3.816	TRYBITSHARES	30.0
1.3.820	SPORTS.NFLAFC	1,450.0
1.3.821	SPORTS.NFLNFC	40.0
1.3.823	CONNECT.BTC	0.0
1.3.825	IOU.LUCKY	2,162.0
1.3.826	OPENBKS	0.1
1.3.833	WTICRUDE	150.0
1.3.834	SPFIVE	125.0
1.3.835	SWALLOW	20.0

Table 99. Fees collected by blockchain during 2016-01 for limit order cancel operation

Asset ID	Symbol	Quantity
1.3.0	BTS	589.6
1.3.678	KUDOS	3.6

Table 100. Fees collected by blockchain during 2016-01 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,029.0

Table 101. Fees collected by blockchain during 2016-01 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	166,076.9

Table 102. Fees collected by blockchain during 2016-01 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	394.1

Table 103. Fees collected by blockchain during 2016-01 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	54.0

Table 104. Fees collected by blockchain during 2016-01 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	756,000.0

Table 105. Fees collected by blockchain during 2016-01 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	280,006.6

Table 106. Fees collected by blockchain during 2016-01 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,546.1

Table 107. Fees collected by blockchain during 2016-01 for asset update BitAsset operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,000.0

Table 108. Fees collected by blockchain during 2016-01 for asset update feed producers operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,000.0

Table 109. Fees collected by blockchain during 2016-01 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	3,405.8

Table 110. Fees collected by blockchain during 2016-01 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	760.0

Table 111. Fees collected by blockchain during 2016-01 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	10.0

Table 112. Fees collected by blockchain during 2016-01 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	6,800.0

Table 113. Fees collected by blockchain during 2016-01 for asset global settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,000.0
1.3.796	REPGENSIXTEEN	1,000.0

Table 114. Fees collected by blockchain during 2016-01 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	30,529.8



Table 115. Fees collected by blockchain during 2016-01 for witness create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	20,000.0

Table 116. Fees collected by blockchain during 2016-01 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,760.0

Table 117. Fees collected by blockchain during 2016-01 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	923.3
1.3.120	EUR	0.1

Table 118. Fees collected by blockchain during 2016-01 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	122.5

Table 119. Fees collected by blockchain during 2016-01 for proposal delete operation

Asset ID	Symbol	Quantity
1.3.0	BTS	4.0

Table 120. Fees collected by blockchain during 2016-01 for committee member create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	6.0

Table 121. Fees collected by blockchain during 2016-01 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	262.0

Table 122. Fees collected by blockchain during 2016-01 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2.0

Table 123. Fees collected by blockchain during 2016-01 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2.0

Table 124. Fees collected by blockchain during 2016-01 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	100.0
1.3.820	SPORTS.NFLAFC	1,050.0

1.3.821	SPORTS.NFLNFC	2,460.0
1.3.830	REPNOMTRUMP	2,500.0

Fees Collected During 2016-02

Table 125. Fees collected by blockchain during 2016-02 for transfer operation

Asset ID	Symbol	Quantity
1.3.0(BTS	221,905.0
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.113	CNY	26.7
1.3.120	EUR	1.1
1.3.121	USD	3.8
1.3.350	TRADE.BTC	0.0
1.3.422	AWCOIN	1,925.5
1.3.472	METAFEES	0.0
1.3.541	AIWCNY	3.7
1.3.562	OBITS	95.7
1.3.569	OPENBTC	0.0
1.3.590	OPENMUSE	150.0
1.3.599	TRADE.MUSE	162.1
1.3.607	PERKS	45.8
1.3.609	IOU.CNY	0.6
1.3.614	GSTAMP	135.0
1.3.659	OPENSESAME	901.3
1.3.734	TCNY	10.6
1.3.757	OPEN.USD	0.2
1.3.766	OPEN.EUR	0.2
1.3.767	OPEN.CNY	0.4
1.3.776	OPENPOS	2.5
1.3.806	GRAND	0.0
1.3.808	BGIBTS	70.0
1.3.816	TRYBITSHARES	32.1
1.3.822	COMPUCEEDS	1,868.0
1.3.826	OPENBKS	0.0
1.3.839	SHAREBIT	680.1
1.3.841	LOCALASSET	64.8
1.3.843	FEDEV	30.0
1.3.849	BTSR	103.2
1.3.851	IOU.RMB	3.0
1.3.854	OPEN.MUSE	150.0
1.3.861	OPEN.BTC	0.0
1.3.872	KOKADUKATS	0.1
1.3.897	BTCPLUS	0.0
1.3.903	SCISHARES	1.8



Table 126. Fees collected by blockchain during 2016-02 for limit order create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	706,190.0
1.3.103	BTC	0.0
1.3.105	SILVER	0.1
1.3.106	GOLD	0.0
1.3.113	CNY	15.3
1.3.120	EUR	0.6
1.3.121	USD	7.8
1.3.350	TRADE.BTC	0.0
1.3.397	ALTFUND	0.5
1.3.422	AWCOIN	220.0
1.3.472	METAFEESES	0.1
1.3.541	AIWCNY	6.8
1.3.554	ELECTROTAXI	100.0
1.3.555	HRYVNA	100.0
1.3.562	OBITS	23.9
1.3.569	OPENBTC	0.0
1.3.588	TRADE.DASH	0.0
1.3.590	OPENMUSE	3,000.0
1.3.607	PERKS	3.0
1.3.609	IOU.CNY	37.2
1.3.614	GSTAMP	70.0
1.3.629	IOU.ABC	1,968.7
1.3.715	CREDO	10.0
1.3.734	TCNY	0.6
1.3.746	ANTSHARE	2.5
1.3.751	IOU.ANS	24.5
1.3.757	OPEN.USD	0.1
1.3.766	OPEN.EUR	0.3
1.3.776	OPENPOS	1.6
1.3.795	IOU.LBA	2,360.0
1.3.808	BGIBTS	13.3
1.3.814	OPEN.EMC	0.5
1.3.822	COMPUCEEDS	1,240.2
1.3.826	OPENBKS	0.0
1.3.829	SUGAR	110.0
1.3.833	WTICRUDE	50.0
1.3.839	SHAREBIT	22.7
1.3.843	FEDEV	20.0
1.3.847	ENDWAR	2.0
1.3.849	BTSR	10.8
1.3.850	OPEN.ETH	0.1
1.3.851	IOU.RMB	69.0
1.3.852	IOU.BO	2,500.0
1.3.853	IOU.BOO	2,500.0

Asset ID	Symbol	Quantity
1.3.854	OPEN.MUSE	1,100.0
1.3.855	OPEN.NBT	0.0
1.3.856	OPEN.NSR	20.0
1.3.857	OPEN.PPC	0.1
1.3.858	OPEN.DASH	0.0
1.3.859	OPEN.LTC	0.0
1.3.860	OPEN.DOGE	333.3
1.3.861	OPEN.BTC	0.0
1.3.870	IOU.MUSE	23.6
1.3.872	KOKADUKATS	0.1
1.3.897	BTCPLUS	0.5

Table 127. Fees collected by blockchain during 2016-02 for limit order cancel operation

Asset ID	Symbol	Quantity
1.3.0	BTS	6,828.9
1.3.629	IOU.ABC	5.2

Table 128. Fees collected by blockchain during 2016-02 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	768.0

Table 129. Fees collected by blockchain during 2016-02 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	231,524.1

Table 130. Fees collected by blockchain during 2016-02 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	421.4

Table 131. Fees collected by blockchain during 2016-02 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	24.0

Table 132. Fees collected by blockchain during 2016-02 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	664,000.0

Table 133. Fees collected by blockchain during 2016-02 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,655,025.0



Table 134. Fees collected by blockchain during 2016-02 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,484.9

Table 135. Fees collected by blockchain during 2016-02 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	3,086.4

Table 136. Fees collected by blockchain during 2016-02 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,920.0

Table 137. Fees collected by blockchain during 2016-02 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	18.0

Table 138. Fees collected by blockchain during 2016-02 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	5,200.0

Table 139. Fees collected by blockchain during 2016-02 for asset global settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,000.0

Table 140. Fees collected by blockchain during 2016-02 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	29,061.2

Table 141. Fees collected by blockchain during 2016-02 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,600.0

Table 142. Fees collected by blockchain during 2016-02 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,137.2

Table 143. Fees collected by blockchain during 2016-02 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	110.2

Table 144. Fees collected by blockchain during 2016-02 for proposal delete operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2.0

Table 145. Fees collected by blockchain during 2016-02 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	346.0

Table 146. Fees collected by blockchain during 2016-02 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	8.0

Table 147. Fees collected by blockchain during 2016-02 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	58.3

Table 148. Fees collected by blockchain during 2016-02 for transfer to blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	160.0

Table 149. Fees collected by blockchain during 2016-02 for blind transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	15.0

Table 150. Fees collected by blockchain during 2016-02 for transfer from blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	20.0

Table 151. Fees collected by blockchain during 2016-02 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	140.0

Fees Collected During 2016-03

Table 152. Fees collected by blockchain during 2016-03 for transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	63,709.5
1.3.113	CNY	4.3
1.3.120	EUR	0.1
1.3.121	USD	0.4
1.3.130	HLP	0.0



Asset ID	Symbol	Quantity
1.3.350	TRADE.BTC	0.0
1.3.422	AWCOIN	6,715.2
1.3.541	AIWCNY	13.9
1.3.562	OBITS	20.3
1.3.569	OPENBTC	0.0
1.3.577	OPENLTC	0.0
1.3.585	QBITS	8,151.7
1.3.592	METAEX.BTC	0.0
1.3.628	BRICS	709.8
1.3.639	BTSFCX	4.7
1.3.658	FISTBUMP	2.6
1.3.720	BARRAS	0.0
1.3.734	TCNY	0.3
1.3.758	GAMEBET	64.2
1.3.776	OPENPOS	0.7
1.3.808	BGIBTS	4.6
1.3.822	COMPUCEEDS	0.1
1.3.826	OPENBKS	0.0
1.3.827	SOLCERT	1.0
1.3.839	SHAREBIT	0.0
1.3.849	BTSR	22.5
1.3.850	OPEN.ETH	0.0
1.3.854	OPEN.MUSE	160.5
1.3.861	OPEN.BTC	0.0
1.3.888	BANX	0.2
1.3.897	BTCPLUS	0.0
1.3.946	KITTY	279.7
1.3.957	YXCOIN	792.6

Table 153. Fees collected by blockchain during 2016-03 for limit order create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	34,062.9
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	0.8
1.3.120	EUR	0.0
1.3.121	USD	0.8
1.3.130	HLP	0.0
1.3.349	TRADE.LTC	5.7
1.3.350	TRADE.BTC	0.0
1.3.422	AWCOIN	0.1
1.3.472	METAFEES	0.7
1.3.541	AIWCNY	0.4
1.3.562	OBITS	240.9
1.3.569	OPENBTC	0.0

Asset ID	Symbol	Quantity
1.3.585	QBITS	30,586.3
1.3.590	OPENMUSE	56.3
1.3.592	METAEX.BTC	0.0
1.3.599	TRADE.MUSE	0.7
1.3.606	IOU	500,000.0
1.3.614	GSTAMP	6.3
1.3.628	BRICS	96.8
1.3.686	THUMBSUP	2,500,000,010.0
1.3.687	THUMBSDOWN	2,500.0
1.3.734	TCNY	0.1
1.3.750	CONNECT	0.0
1.3.766	OPEN.EUR	0.1
1.3.776	OPENPOS	0.0
1.3.794	PAYBACK	2,500,000,020,000.0
1.3.808	BGIBTS	4.2
1.3.814	OPEN.EMC	15.4
1.3.822	COMPUCEEDS	0.4
1.3.823	CONNECT.BTC	0.0
1.3.825	IOU.LUCKY	0.5
1.3.829	SUGAR	530.0
1.3.839	SHAREBIT	9.5
1.3.848	CONNECT.USD	2,500.0
1.3.849	BTSR	4,846.5
1.3.850	OPEN.ETH	0.0
1.3.853	IOU.BOO	0.1
1.3.854	OPEN.MUSE	85.6
1.3.858	OPEN.DASH	0.0
1.3.860	OPEN.DOGE	65.4
1.3.861	OPEN.BTC	0.6
1.3.888	BANX	6,499.8
1.3.897	BTCPLUS	0.0
1.3.914	PEOPLE	250.1
1.3.933	MKR	251.6
1.3.936	COINDAYS	5,846,756,730.0
1.3.937	COINSECONDS	584,676,701,000,000.0
1.3.938	REPUTATION	0.0
1.3.940	REVO	233,864.4
1.3.948	PATRICK	1.8
1.3.949	TOLLFREEMINUTES	0.7
1.3.950	CAYMAN	0.0
1.3.951	IOU.AAA	3,669.1
1.3.953	OWNCOINTRAY	0.0
1.3.960	IOU.BBB	3,669.2
1.3.961	IOU.CCC	3,669.2
1.3.962	IOU.DDD	3,669.3
1.3.963	IOU.EEE	3,669.2



Asset ID	Symbol	Quantity
1.3.964	IOU.FFF	3,669.3
1.3.966	MILLIONTDD	3,669.0
1.3.967	ABJMARRYME	7.0

Table 154. Fees collected by blockchain during 2016-03 for limit order cancel operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,812.8

Table 155. Fees collected by blockchain during 2016-03 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	317.9

Table 156. Fees collected by blockchain during 2016-03 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	138,680.7

Table 157. Fees collected by blockchain during 2016-03 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	148.6

Table 158. Fees collected by blockchain during 2016-03 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	82.1

Table 159. Fees collected by blockchain during 2016-03 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,001,820.5

Table 160. Fees collected by blockchain during 2016-03 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	5,091,580.4

Table 161. Fees collected by blockchain during 2016-03 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	27,705.5

Table 162. Fees collected by blockchain during 2016-03 for asset update BitAsset operation

Asset ID	Symbol	Quantity
1.3.0	BTS	733.8

Table 163. Fees collected by blockchain during 2016-03 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	4,986.6

Table 164. Fees collected by blockchain during 2016-03 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	908.7

Table 165. Fees collected by blockchain during 2016-03 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,885.3

Table 166. Fees collected by blockchain during 2016-03 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	251.8

Table 167. Fees collected by blockchain during 2016-03 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	8,436.4

Table 168. Fees collected by blockchain during 2016-03 for witness create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	7,338.2

Table 169. Fees collected by blockchain during 2016-03 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	102.9

Table 170. Fees collected by blockchain during 2016-03 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	297.0

Table 171. Fees collected by blockchain during 2016-03 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	30.7

Table 172. Fees collected by blockchain during 2016-03 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	33,643.0



Table 173. Fees collected by blockchain during 2016-03 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	26,369.6

Table 174. Fees collected by blockchain during 2016-03 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	211.5

Table 175. Fees collected by blockchain during 2016-03 for transfer to blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	172.1

Table 176. Fees collected by blockchain during 2016-03 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,288.9

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Table 177. Fees collected by blockchain during 2016-04 for transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	20,024.9
1.3.105	SILVER	0.0
1.3.113	CNY	0.4
1.3.120	EUR	0.3
1.3.121	USD	1.1
1.3.350	TRADE.BTC	0.0
1.3.422	AWCOIN	826.8
1.3.541	AIWCNY	8.0
1.3.562	OBITS	19.9
1.3.569	OPENBTC	0.0
1.3.585	QBITS	14,466.8
1.3.590	OPENMUSE	14.0
1.3.592	METAEX.BTC	0.0
1.3.593	METAEX.ETH	0.0
1.3.607	PERKS	0.3
1.3.614	GSTAMP	33.6
1.3.616	GREENPOINT	0.0
1.3.688	SMILE	3.0
1.3.734	TCNY	0.2
1.3.747	BOSEG	2.8
1.3.758	GAMEBET	5.3
1.3.776	OPENPOS	4.1
1.3.790	TRADE.DOGE	94.0

Asset ID	Symbol	Quantity
1.3.808	BGIBTS	11.1
1.3.822	COMPUCEEDS	0.0
1.3.849	BTSR	7.7
1.3.850	OPEN.ETH	0.1
1.3.854	OPEN.MUSE	26.4
1.3.859	OPEN.LTC	0.1
1.3.860	OPEN.DOGE	94.0
1.3.861	OPEN.BTC	0.0
1.3.897	BTCPLUS	0.0
1.3.921	CASH.USD	2.6
1.3.933	MKR	0.1
1.3.946	KITTY	541.5
1.3.950	CAYMAN	1.0
1.3.973	OPEN.STEEM	2.8
1.3.979	OPEN.DGD	0.1
1.3.981	DUPCOIN	3,421.1
1.3.983	WORTHLESS	0.1
1.3.984	WORTHMORE	0.0
1.3.986	TRUMP	0.0
1.3.987	CLINTON	0.0
1.3.988	SANDERS	18.5
1.3.989	WASHINGTON	0.0
1.3.990	FRANKLIN	0.0
1.3.991	FREEDOM	0.0
1.3.992	UNITEDSTATES	0.0
1.3.993	EUROPE	0.0
1.3.996	YASHA	3.7
1.3.998	WETSTOCK	0.3
1.3.999	DRYSTOCK	0.1

Table 178. Fees collected by blockchain during 2016-04 for limit order create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	7,367.1
1.3.105	SILVER	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	0.2
1.3.120	EUR	0.0
1.3.121	USD	0.1
1.3.349	TRADE.LTC	0.0
1.3.350	TRADE.BTC	0.0
1.3.422	AWCOIN	8.2
1.3.472	METAFEES	0.0
1.3.541	AIWCNY	0.8
1.3.554	ELECTROTAXI	13.2
1.3.555	HRYVNA	8.8
1.3.562	OBITS	0.2



Asset ID	Symbol	Quantity
1.3.569	OPENBTC	0.0
1.3.585	QBITS	1,577.7
1.3.590	OPENMUSE	6.6
1.3.592	METAEX.BTC	0.0
1.3.593	METAEX.ETH	0.0
1.3.599	TRADE.MUSE	3.7
1.3.607	PERKS	0.1
1.3.614	GSTAMP	1.2
1.3.734	TCNY	0.0
1.3.746	ANTSHARE	0.0
1.3.766	OPEN.EUR	0.0
1.3.776	OPENPOS	0.0
1.3.808	BGIBTS	44.8
1.3.814	OPEN.EMC	0.0
1.3.822	COMPUCEEDS	0.0
1.3.825	IOU.LUCKY	0.1
1.3.830	REP NOM TRUMP	0.3
1.3.834	SPFIVE	0.4
1.3.839	SHAREBIT	0.0
1.3.849	BTSR	0.1
1.3.850	OPEN.ETH	0.0
1.3.854	OPEN.MUSE	36.0
1.3.859	OPEN.LTC	0.0
1.3.860	OPEN.DOGE	14.7
1.3.861	OPEN.BTC	0.0
1.3.897	BTCPLUS	0.0
1.3.914	PEOPLE	1.2
1.3.933	MKR	0.0
1.3.938	REPUTATION	0.0
1.3.946	KITTY	146.8
1.3.950	CAYMAN	0.0
1.3.956	BTSPLUS	0.0
1.3.966	MILLIONTDD	1.2
1.3.972	TOYOTA	0.1
1.3.973	OPEN.STEEM	0.1
1.3.975	LISKICO	0.4
1.3.977	OPEN.LISK	1.0
1.3.979	OPEN.DGD	9.0
1.3.983	WORTHLESS	102,732.3
1.3.984	WORTHMORE	0.0
1.3.986	TRUMP	0.3
1.3.987	CLINTON	73,380.9
1.3.988	SANDERS	1,468.3
1.3.989	WASHINGTON	0.3
1.3.990	FRANKLIN	146,760.0
1.3.991	FREEDOM	293,520.0

Asset ID	Symbol	Quantity
1.3.992	UNITEDSTATES	0.0
1.3.993	EUROPE	0.0
1.3.998	WETSTOCK	0.0
1.3.999	DRYSTOCK	0.0

Table 179. Fees collected by blockchain during 2016-04 for limit order cancel operation

Asset ID	Symbol	Quantity
1.3.0	BTS	578.6
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.121	USD	0.0
1.3.350	TRADE.BTC	0.0
1.3.562	OBITS	0.0
1.3.585	QBITS	29.3
1.3.800	COPPERTICKET	0.0
1.3.806	GRAND	0.0
1.3.822	COMPUCEEDS	0.0
1.3.850	OPEN.ETH	0.0
1.3.854	OPEN.MUSE	0.1
1.3.859	OPEN.LTC	0.0
1.3.861	OPEN.BTC	0.0
1.3.933	MKR	0.0
1.3.956	BTSPLUS	0.0
1.3.977	OPEN.LISK	0.0
1.3.979	OPEN.DGD	0.0
1.3.987	CLINTON	0.0
1.3.988	SANDERS	0.0
1.3.990	FRANKLIN	0.0
1.3.992	UNITEDSTATES	0.0

Table 180. Fees collected by blockchain during 2016-04 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	156.4

Table 181. Fees collected by blockchain during 2016-04 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	48,609.5

Table 182. Fees collected by blockchain during 2016-04 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	86.3
1.3.850	OPEN.ETH	0.0
1.3.861	OPEN.BTC	0.0
1.3.933	MKR	0.0



Table 183. Fees collected by blockchain during 2016-04 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	44.0

Table 184. Fees collected by blockchain during 2016-04 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	862,969.3

Table 185. Fees collected by blockchain during 2016-04 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	836,562.1

Table 186. Fees collected by blockchain during 2016-04 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	22,031.5

Table 187. Fees collected by blockchain during 2016-04 for asset update BitAsset operation

Asset ID	Symbol	Quantity
1.3.0	BTS	733.8

Table 188. Fees collected by blockchain during 2016-04 for asset update feed producers operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,935.3

Table 189. Fees collected by blockchain during 2016-04 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	370.5

Table 190. Fees collected by blockchain during 2016-04 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	6.2

Table 191. Fees collected by blockchain during 2016-04 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	440.3

Table 192. Fees collected by blockchain during 2016-04 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	675.1

Table 193. Fees collected by blockchain during 2016-04 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	3,845.2

Table 194. Fees collected by blockchain during 2016-04 for witness create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	36,690.9

Table 195. Fees collected by blockchain during 2016-04 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	30.8

Table 196. Fees collected by blockchain during 2016-04 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,957.9

Table 197. Fees collected by blockchain during 2016-04 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	102.3

Table 198. Fees collected by blockchain during 2016-04 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	24,362.7

Table 199. Fees collected by blockchain during 2016-04 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	7,338.2

Table 200. Fees collected by blockchain during 2016-04 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	22.1

Table 201. Fees collected by blockchain during 2016-04 for transfer to blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	41.1

Table 202. Fees collected by blockchain during 2016-04 for blind transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	45.0



Table 203. Fees collected by blockchain during 2016-04 for transfer from blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	61.6

Table 204. Fees collected by blockchain during 2016-04 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,467.6

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Table 205. Fees collected by blockchain during 2016-05 for transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	20,410.1
1.3.105	SILVER	0.0
1.3.113	CNY	2.5
1.3.120	EUR	0.4
1.3.121	USD	0.4
1.3.350	TRADE.BTC	0.0
1.3.422	AWCOIN	114.2
1.3.562	OBITS	10.9
1.3.569	OPENBTC	0.0
1.3.585	QBITS	21,985.2
1.3.599	TRADE.MUSE	13.2
1.3.607	PERKS	1.7
1.3.614	GSTAMP	17.1
1.3.626	SANDWICH	0.0
1.3.659	OPENSESAME	41.7
1.3.673	THANKYOU	2.8
1.3.734	TCNY	0.6
1.3.746	ANTSHARE	0.5
1.3.758	GAMEBET	5.6
1.3.776	OPENPOS	0.1
1.3.790	TRADE.DOGE	281.9
1.3.808	BGIBTS	16.8
1.3.814	OPEN.EMC	0.0
1.3.822	COMPUCEEDS	0.3
1.3.827	SOLCERT	9.0
1.3.831	DEMNONCLINTON	28.0
1.3.849	BTSR	2.6
1.3.850	OPEN.ETH	0.2
1.3.854	OPEN.MUSE	97.3
1.3.855	OPEN.NBT	0.0
1.3.858	OPEN.DASH	0.0
1.3.859	OPEN.LTC	0.2

Asset ID	Symbol	Quantity
1.3.860	OPEN.DOGE	94.0
1.3.861	OPEN.BTC	0.0
1.3.897	BTCPLUS	0.0
1.3.899	ENTREPRENEUR	2.6
1.3.921	CASH.USD	0.6
1.3.933	MKR	0.1
1.3.950	CAYMAN	3.2
1.3.973	OPEN.STEEM	0.2
1.3.977	OPEN.LISK	11.2
1.3.979	OPEN.DGD	0.3
1.3.984	WORTHMORE	0.0
1.3.986	TRUMP	0.0
1.3.996	YASHA	2.0
1.3.998	WETSTOCK	5.0
1.3.999	DRYSTOCK	3.3
1.3.1005	OPEN.DAO	19.6
1.3.1013	RETAILSET	9.0
1.3.1017	ARS	0.1
1.3.1018	TRANS.DAO	0.5

Table 206. Fees collected by blockchain during 2016-05 for limit order create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	9,037.8
1.3.105	SILVER	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	0.1
1.3.120	EUR	0.0
1.3.121	USD	0.0
1.3.350	TRADE.BTC	0.0
1.3.554	ELECTROTAXI	16.1
1.3.555	HRYVNA	1.5
1.3.562	OBITS	0.8
1.3.585	QBITS	660.4
1.3.590	OPENMUSE	3.7
1.3.592	METAEX.BTC	0.0
1.3.599	TRADE.MUSE	16.9
1.3.607	PERKS	0.0
1.3.614	GSTAMP	0.6
1.3.776	OPENPOS	0.0
1.3.790	TRADE.DOGE	19.6
1.3.802	PEWPS	14.7
1.3.806	GRAND	0.0
1.3.808	BGIBTS	7.6
1.3.814	OPEN.EMC	0.0
1.3.822	COMPUCEEDS	0.0
1.3.825	IOU.LUCKY	0.1



Asset ID	Symbol	Quantity
1.3.827	SOLCERT	3.0
1.3.832	BTCOIN	0.9
1.3.849	BTSR	0.3
1.3.850	OPEN.ETH	0.0
1.3.854	OPEN.MUSE	41.8
1.3.859	OPEN.LTC	0.0
1.3.860	OPEN.DOGE	117.4
1.3.861	OPEN.BTC	0.0
1.3.897	BTCPLUS	0.0
1.3.924	PEERPLAYS	0.5
1.3.933	MKR	0.0
1.3.938	REPUTATION	0.0
1.3.946	KITTY	117.4
1.3.949	TOLLFREEMINUTES	0.1
1.3.950	CAYMAN	0.2
1.3.971	SONY	0.1
1.3.972	TOYOTA	0.1
1.3.973	OPEN.STEEM	0.0
1.3.975	LISKICO	0.4
1.3.976	CASH.BTC	0.0
1.3.977	OPEN.LISK	6.3
1.3.979	OPEN.DGD	0.1
1.3.980	FIMKRYPTO	1.5
1.3.984	WORTHMORE	0.0
1.3.986	TRUMP	0.0
1.3.987	CLINTON	249,492.0
1.3.988	SANDERS	19,078.8
1.3.989	WASHINGTON	146,760.0
1.3.990	FRANKLIN	293,520.0
1.3.998	WETSTOCK	0.1
1.3.999	DRYSTOCK	0.1
1.3.1005	OPEN.DAO	7.9
1.3.1010	SPIES	0.0
1.3.1013	RETAILSET	0.2
1.3.1018	TRANS.DAO	90.9
1.3.1022	LISK	0.7

Table 207. Fees collected by blockchain during 2016-05 for limit order cancel operation

Asset ID	Symbol	Quantity
1.3.0	BTS	562.9
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.113	CNY	0.0
1.3.120	EUR	0.0
1.3.121	USD	0.0
1.3.349	TRADE.LTC	0.0

Asset ID	Symbol	Quantity
1.3.350	TRADE.BTC	0.0
1.3.562	OBITS	0.0
1.3.569	OPENBTC	0.0
1.3.585	QBITS	36.7
1.3.590	OPENMUSE	0.1
1.3.592	METAEX.BTC	0.0
1.3.593	METAEX.ETH	0.0
1.3.607	PERKS	0.0
1.3.746	ANTSHARE	0.0
1.3.758	GAMEBET	0.0
1.3.800	COPPERTICKET	0.0
1.3.822	COMPUCEEDS	0.0
1.3.839	SHAREBIT	0.0
1.3.849	BTSR	0.0
1.3.850	OPEN.ETH	0.0
1.3.854	OPEN.MUSE	0.3
1.3.861	OPEN.BTC	0.0
1.3.888	BANX	0.0
1.3.899	ENTREPRENEUR	0.0
1.3.933	MKR	0.0
1.3.973	OPEN.STEEM	0.0
1.3.977	OPEN.LISK	0.1
1.3.979	OPEN.DGD	0.0
1.3.992	UNITEDSTATES	0.0
1.3.1005	OPEN.DAO	0.0
1.3.1018	TRANS.DAO	0.0
1.3.1022	LISK	0.0

Table 208. Fees collected by blockchain during 2016-05 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	131.9

Table 209. Fees collected by blockchain during 2016-05 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	50,737.8

Table 210. Fees collected by blockchain during 2016-05 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	161.0
1.3.121	USD	0.0
1.3.562	OBITS	0.0
1.3.585	QBITS	10,197.3
1.3.822	COMPUCEEDS	0.0
1.3.861	OPEN.BTC	0.0



Table 211. Fees collected by blockchain during 2016-05 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	44.0

Table 212. Fees collected by blockchain during 2016-05 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	563,571.8
1.3.861	OPEN.BTC	0.6

Table 213. Fees collected by blockchain during 2016-05 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,260,165.4

Table 214. Fees collected by blockchain during 2016-05 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	12,635.3

Table 215. Fees collected by blockchain during 2016-05 for asset update BitAsset operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,467.6

Table 216. Fees collected by blockchain during 2016-05 for asset update feed producers operation

Asset ID	Symbol	Quantity
1.3.0	BTS	733.8

Table 217. Fees collected by blockchain during 2016-05 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	591.8

Table 218. Fees collected by blockchain during 2016-05 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	3.1

Table 219. Fees collected by blockchain during 2016-05 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	513.7

Table 220. Fees collected by blockchain during 2016-05 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	506.3

Table 221. Fees collected by blockchain during 2016-05 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	4,727.0

Table 222. Fees collected by blockchain during 2016-05 for witness create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	7,338.2

Table 223. Fees collected by blockchain during 2016-05 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	41.1

Table 224. Fees collected by blockchain during 2016-05 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,501.6

Table 225. Fees collected by blockchain during 2016-05 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	134.1

Table 226. Fees collected by blockchain during 2016-05 for committee member create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,467.6

Table 227. Fees collected by blockchain during 2016-05 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	23,775.7

Table 228. Fees collected by blockchain during 2016-05 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	22,014.5

Table 229. Fees collected by blockchain during 2016-05 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	5.8

Table 230. Fees collected by blockchain during 2016-05 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	440.3



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Table 231. Fees collected by blockchain during 2016-06 for transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	22,333.8
1.3.105	SILVER	0.0
1.3.113	CNY	2.1
1.3.120	EUR	0.0
1.3.121	USD	0.1
1.3.350	TRADE.BTC	0.0
1.3.362	DOGECON	2.8
1.3.422	AWCOIN	175.9
1.3.472	METAFEEES	0.0
1.3.541	AIWCNY	2.6
1.3.562	OBITS	11.0
1.3.569	OPENBTC	0.0
1.3.585	QBITS	39,331.6
1.3.590	OPENMUSE	14.0
1.3.599	TRADE.MUSE	13.9
1.3.607	PERKS	1.4
1.3.673	THANKYOU	2.8
1.3.715	CREDO	2.8
1.3.734	TCNY	0.2
1.3.758	GAMEBET	11.2
1.3.776	OPENPOS	0.7
1.3.808	BGIBTS	7.5
1.3.811	HUNDRED	0.0
1.3.822	COMPUCEEDS	1.9
1.3.827	SOLCERT	7.0
1.3.828	OPEN.BKS	0.0
1.3.849	BTSR	1.6
1.3.850	OPEN.ETH	0.1
1.3.854	OPEN.MUSE	433.3
1.3.855	OPEN.NBT	0.0
1.3.858	OPEN.DASH	0.0
1.3.859	OPEN.LTC	0.1
1.3.861	OPEN.BTC	0.0
1.3.897	BTCPLUS	0.0
1.3.921	CASH.USD	0.8
1.3.933	MKR	0.0
1.3.938	REPUTATION	0.0
1.3.943	CADASTRAL	4.3
1.3.950	CAYMAN	0.3
1.3.956	BTSPLUS	0.1
1.3.977	OPEN.LISK	22.1
1.3.979	OPEN.DGD	0.1
1.3.984	WORTHMORE	0.0

Asset ID	Symbol	Quantity
1.3.996	YASHA	3.0
1.3.998	WETSTOCK	0.0
1.3.1005	OPEN.DAO	34.1
1.3.1006	ICOO	7.4
1.3.1013	RETAILSET	0.0
1.3.1053	YINCOIN	2.7

Table 232. Fees collected by blockchain during 2016-06 for limit order create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	15,776.0
1.3.105	SILVER	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	0.3
1.3.120	EUR	0.0
1.3.121	USD	0.0
1.3.350	TRADE.BTC	0.0
1.3.422	AWCOIN	0.1
1.3.438	UIATEST	14.7
1.3.439	UIATESTA	0.0
1.3.472	METAFEEES	0.0
1.3.541	AIWCNY	0.0
1.3.562	OBITS	0.4
1.3.585	QBITS	146.8
1.3.590	OPENMUSE	0.7
1.3.599	TRADE.MUSE	20.5
1.3.609	IOU.CNY	0.0
1.3.642	IOU.PLS	2,406.4
1.3.746	ANTSHARE	0.0
1.3.776	OPENPOS	0.0
1.3.790	TRADE.DOGE	29.4
1.3.808	BGIBTS	5.5
1.3.822	COMPUCEEDS	0.0
1.3.826	OPENBKS	0.0
1.3.828	OPEN.BKS	0.0
1.3.832	BTCOIN	11.5
1.3.849	BTSR	0.3
1.3.850	OPEN.ETH	0.0
1.3.854	OPEN.MUSE	53.6
1.3.858	OPEN.DASH	0.0
1.3.859	OPEN.LTC	0.0
1.3.860	OPEN.DOGE	29.4
1.3.861	OPEN.BTC	0.0
1.3.897	BTCPLUS	0.0
1.3.921	CASH.USD	0.0
1.3.924	PEERPLAYS	0.0
1.3.933	MKR	0.0



Asset ID	Symbol	Quantity
1.3.943	CADASTRAL	0.6
1.3.950	CAYMAN	0.0
1.3.956	BTSPLUS	0.0
1.3.973	OPEN.STEEM	36.4
1.3.977	OPEN.LISK	3.1
1.3.979	OPEN.DGD	0.0
1.3.998	WETSTOCK	0.0
1.3.999	DRYSTOCK	0.0
1.3.1005	OPEN.DAO	2.8
1.3.1006	ICOO	0.0
1.3.1013	RETAILSET	0.0
1.3.1019	SASOL	0.0
1.3.1020	OPEN.MKR	1.0
1.3.1022	LISK	0.4
1.3.1048	BIBAO	0.1

Table 233. Fees collected by blockchain during 2016-06 for limit order cancel operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,542.7
1.3.113	CNY	0.0
1.3.121	USD	0.0
1.3.350	TRADE.BTC	0.0
1.3.562	OBITS	0.0
1.3.569	OPENBTC	0.0
1.3.585	QBITS	36.7
1.3.640	MONEYCLUB	0.0
1.3.658	FISTBUMP	0.0
1.3.746	ANTSHARE	0.0
1.3.758	GAMEBET	0.0
1.3.808	BGIBTS	0.0
1.3.822	COMPUCEEDS	0.0
1.3.826	OPENBKS	0.0
1.3.827	SOLCERT	10.0
1.3.849	BTSR	0.0
1.3.850	OPEN.ETH	0.0
1.3.854	OPEN.MUSE	1.0
1.3.860	OPEN.DOGE	4.9
1.3.861	OPEN.BTC	0.0
1.3.921	CASH.USD	0.0
1.3.924	PEERPLAYS	0.0
1.3.933	MKR	0.0
1.3.938	REPUTATION	0.0
1.3.943	CADASTRAL	0.0
1.3.977	OPEN.LISK	0.1
1.3.979	OPEN.DGD	0.0
1.3.998	WETSTOCK	0.0

Asset ID	Symbol	Quantity
1.3.1006	ICOO	0.0
1.3.1010	SPIES	0.0

Table 234. Fees collected by blockchain during 2016-06 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	166.6

Table 235. Fees collected by blockchain during 2016-06 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	46,467.7

Table 236. Fees collected by blockchain during 2016-06 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	238.3
1.3.350	TRADE.BTC	0.0
1.3.585	QBITS	11,870.8
1.3.822	COMPUCEEDS	0.0
1.3.827	SOLCERT	1.0
1.3.861	OPEN.BTC	0.0

Table 237. Fees collected by blockchain during 2016-06 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	88.1

Table 238. Fees collected by blockchain during 2016-06 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	281,785.9

Table 239. Fees collected by blockchain during 2016-06 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	425,618.6

Table 240. Fees collected by blockchain during 2016-06 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	19,979.7

Table 241. Fees collected by blockchain during 2016-06 for asset update BitAsset operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,201.5



Table 242. Fees collected by blockchain during 2016-06 for asset update feed producers operation

Asset ID	Symbol	Quantity
1.3.0	BTS	733.8

Table 243. Fees collected by blockchain during 2016-06 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	985.1

Table 244. Fees collected by blockchain during 2016-06 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2.8

Table 245. Fees collected by blockchain during 2016-06 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	440.3

Table 246. Fees collected by blockchain during 2016-06 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	330.2

Table 247. Fees collected by blockchain during 2016-06 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	5,761.7

Table 248. Fees collected by blockchain during 2016-06 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	13.2

Table 249. Fees collected by blockchain during 2016-06 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,105.1

Table 250. Fees collected by blockchain during 2016-06 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	49.2

Table 251. Fees collected by blockchain during 2016-06 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	27,885.1

Table 252. Fees collected by blockchain during 2016-06 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	14,676.3

Table 253. Fees collected by blockchain during 2016-06 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	27.2

Table 254. Fees collected by blockchain during 2015-11 for override transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	5,870.5

Table 255. Fees collected by blockchain during 2016-06 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	733.8

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Table 256. Fees collected by blockchain during 2016-07 for transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	20,415.3
1.3.105	SILVER	0.0
1.3.113	CNY	6.7
1.3.121	USD	0.1
1.3.350	TRADE.BTC	0.0
1.3.422	AWCOIN	26.5
1.3.554	ELECTROTAXI	28.0
1.3.562	OBITS	8.8
1.3.569	OPENBTC	0.0
1.3.585	QBITS	8,989.8
1.3.590	OPENMUSE	13.9
1.3.599	TRADE.MUSE	110.6
1.3.614	GSTAMP	16.9
1.3.670	MEGUSTA	1.1
1.3.757	OPEN.USD	0.1
1.3.766	OPEN.EUR	0.0
1.3.776	OPENPOS	0.3
1.3.790	TRADE.DOGE	93.2
1.3.808	BGIBTS	2.8
1.3.822	COMPUCEEDS	0.4
1.3.827	SOLCERT	3.0
1.3.849	BTSR	3.7
1.3.850	OPEN.ETH	0.1



Asset ID	Symbol	Quantity
1.3.854	OPEN.MUSE	125.3
1.3.858	OPEN.DASH	0.0
1.3.859	OPEN.LTC	0.0
1.3.860	OPEN.DOGE	182.0
1.3.861	OPEN.BTC	0.0
1.3.897	BTCPLUS	0.0
1.3.921	CASH.USD	9.2
1.3.924	PEERPLAYS	0.1
1.3.933	MKR	0.0
1.3.943	CADASTRAL	0.8
1.3.946	KITTY	1,109.4
1.3.950	CAYMAN	0.4
1.3.970	FUNC	0.9
1.3.979	OPEN.DGD	0.0
1.3.980	FIMKRYPTO	28.7
1.3.984	WORTHMORE	0.0
1.3.996	YASHA	3.0
1.3.998	WETSTOCK	0.1
1.3.999	DRYSTOCK	0.0
1.3.1005	OPEN.DAO	14.2
1.3.1006	ICOO	2.9
1.3.1010	SPIES	0.0
1.3.1013	RETAILSET	0.0
1.3.1056	FIMK	194.7
1.3.1064	OPEN.HEAT	3,007.3
1.3.1069	OPEN.ARDR	5.8
1.3.1079	OPEN.DEOS	56.9

Table 257. Fees collected by blockchain during 2016-07 for limit order create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	13,967.1
1.3.105	SILVER	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	0.6
1.3.118	GBP	0.0
1.3.121	USD	0.0
1.3.350	TRADE.BTC	0.0
1.3.397	ALTFUND	0.1
1.3.562	OBITS	0.3
1.3.585	QBITS	220.1
1.3.590	OPENMUSE	14.7
1.3.599	TRADE.MUSE	2.2
1.3.609	IOU.CNY	0.0
1.3.614	GSTAMP	0.6
1.3.616	GREENPOINT	0.0
1.3.619	USDTR	0.1

Asset ID	Symbol	Quantity
1.3.670	MEGUSTA	0.0
1.3.746	ANTSHARE	0.0
1.3.757	OPEN.USD	0.0
1.3.766	OPEN.EUR	0.3
1.3.776	OPENPOS	0.0
1.3.802	PEWPS	14.7
1.3.808	BGIBTS	0.3
1.3.822	COMPUCEEDS	0.0
1.3.825	IOU.LUCKY	0.1
1.3.828	OPEN.BKS	0.0
1.3.849	BTSR	0.2
1.3.850	OPEN.ETH	0.0
1.3.854	OPEN.MUSE	44.0
1.3.857	OPEN.PPC	0.0
1.3.858	OPEN.DASH	0.0
1.3.859	OPEN.LTC	0.0
1.3.860	OPEN.DOGE	39.1
1.3.861	OPEN.BTC	0.0
1.3.897	BTCPLUS	0.0
1.3.924	PEERPLAYS	0.0
1.3.933	MKR	0.0
1.3.943	CADASTRAL	0.1
1.3.950	CAYMAN	0.1
1.3.966	MILLIONTDD	0.1
1.3.970	FUNC	0.0
1.3.977	OPEN.LISK	1.6
1.3.979	OPEN.DGD	0.0
1.3.980	FIMKRYPTO	48.1
1.3.983	WORTHLESS	88,056.0
1.3.984	WORTHMORE	0.0
1.3.998	WETSTOCK	0.0
1.3.999	DRYSTOCK	0.0
1.3.1005	OPEN.DAO	0.6
1.3.1006	ICOO	0.1
1.3.1013	RETAILSET	0.0
1.3.1018	TRANS.DAO	0.0
1.3.1020	OPEN.MKR	0.7
1.3.1056	FIMK	90.4
1.3.1061	ARTHURCOIN	44.0
1.3.1064	OPEN.HEAT	19.1
1.3.1065	CRYPTOCEEDS	0.0
1.3.1066	SSTEEM	0.3
1.3.1069	OPEN.ARDR	0.6
1.3.1080	FAISAL	0.4



Table 258. Fees collected by blockchain during 2016-07 for limit order cancel operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,139.0
1.3.105	SILVER	0.0
1.3.113	CNY	0.0
1.3.120	EUR	0.0
1.3.121	USD	0.0
1.3.349	TRADE.LTC	0.0
1.3.350	TRADE.BTC	0.0
1.3.362	OBITS	0.0
1.3.369	OPENBTC	0.0
1.3.385	QBITS	47.7
1.3.390	OPENMUSE	0.1
1.3.614	GSTAMP	0.0
1.3.629	IOU.ABC	0.0
1.3.746	ANTSHARE	0.0
1.3.757	OPEN.USD	0.1
1.3.766	OPEN.EUR	0.0
1.3.800	COPPERTICKET	0.2
1.3.814	OPEN.EMC	0.0
1.3.822	COMPUCEEDS	0.0
1.3.825	IOU.LUCKY	0.0
1.3.827	SOLCERT	1.0
1.3.839	SHAREBIT	0.0
1.3.849	BTSR	0.0
1.3.850	OPEN.ETH	0.0
1.3.854	OPEN.MUSE	1.4
1.3.855	OPEN.NBT	0.0
1.3.860	OPEN.DOGE	0.5
1.3.861	OPEN.BTC	0.0
1.3.924	PEERPLAYS	0.0
1.3.933	MKR	0.0
1.3.943	CADASTRAL	0.0
1.3.976	CASH.BTC	0.0
1.3.1006	ICOO	0.0
1.3.1056	FIMK	0.3
1.3.1064	OPEN.HEAT	0.3

Table 259. Fees collected by blockchain during 2016-07 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	145.9

Table 260. Fees collected by blockchain during 2016-07 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	283,953.0

Table 261. Fees collected by blockchain during 2016-07 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	86.9
1.3.113	CNY	0.1
1.3.585	QBITS	367.8
1.3.822	COMPUCEEDS	0.0
1.3.826	OPENBKS	0.0
1.3.827	SOLCERT	3.0
1.3.860	OPEN.DOGE	19.8
1.3.861	OPEN.BTC	0.0
1.3.907	WECHAT	0.3
1.3.933	MKR	0.0

Table 262. Fees collected by blockchain during 2016-07 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	58.7

Table 263. Fees collected by blockchain during 2016-07 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	634,018.2

Table 264. Fees collected by blockchain during 2016-07 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	161,448.1

Table 265. Fees collected by blockchain during 2016-07 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	10,880.3

Table 266. Fees collected by blockchain during 2016-07 for asset update feed producers operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,467.6

Table 267. Fees collected by blockchain during 2016-07 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	263.8

Table 268. Fees collected by blockchain during 2016-07 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	3.1



Table 269. Fees collected by blockchain during 2016-07 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	293.5

Table 270. Fees collected by blockchain during 2016-07 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	132.1

Table 271. Fees collected by blockchain during 2016-07 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	5,356.2

Table 272. Fees collected by blockchain during 2016-07 for witness create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	7,338.2

Table 273. Fees collected by blockchain during 2016-07 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	36.7

Table 274. Fees collected by blockchain during 2016-07 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	3,021.2

Table 275. Fees collected by blockchain during 2016-07 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	165.2

Table 276. Fees collected by blockchain during 2016-07 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	19,666.3

Table 277. Fees collected by blockchain during 2016-07 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	7,338.2

Table 278. Fees collected by blockchain during 2016-07 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	12.1

Table 279. Fees collected by blockchain during 2016-07 for override transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,467.6

Table 280. Fees collected by blockchain during 2016-07 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,201.5

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Table 281. Fees collected by blockchain during 2016-08 for transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	26,548.3
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.113	CNY	7.0
1.3.120	EUR	0.0
1.3.121	USD	0.2
1.3.350	TRADE.BTC	0.0
1.3.422	AWCOIN	52.0
1.3.562	OBITS	4.7
1.3.585	QBITS	9,077.2
1.3.590	OPENMUSE	109.8
1.3.599	TRADE.MUSE	222.3
1.3.609	IOU.CNY	1.5
1.3.614	GSTAMP	5.7
1.3.629	IOU.ABC	7.9
1.3.670	MEGUSTA	0.3
1.3.745	BLOCKCHAINFUND	2.5
1.3.746	ANTSHARE	0.3
1.3.757	OPEN.USD	0.0
1.3.766	OPEN.EUR	0.0
1.3.776	OPENPOS	0.3
1.3.808	BGIBTS	1.9
1.3.822	COMPUCEDS	1.9
1.3.827	SOLCERT	6.0
1.3.849	BTSR	10.3
1.3.850	OPEN.ETH	0.1
1.3.854	OPEN.MUSE	41.3
1.3.855	OPEN.NBT	0.0
1.3.857	OPEN.PPC	0.0
1.3.858	OPEN.DASH	0.0
1.3.859	OPEN.LTC	0.0
1.3.861	OPEN.BTC	0.0



Asset ID	Symbol	Quantity
1.3.897	BTCPLUS	0.0
1.3.899	ENTREPRENEUR	5.4
1.3.907	WECHAT	2.9
1.3.921	CASH.USD	0.0
1.3.924	PEERPLAYS	0.0
1.3.933	MKR	0.0
1.3.943	CADASTRAL	1.5
1.3.950	CAYMAN	0.4
1.3.970	FUNC	1.8
1.3.977	OPEN.LISK	5.6
1.3.979	OPEN.DGD	0.0
1.3.980	FIMKRYPTO	200.7
1.3.984	WORTHMORE	0.0
1.3.994	JINBI	21.3
1.3.998	WETSTOCK	0.0
1.3.999	DRYSTOCK	0.0
1.3.1006	ICOO	0.7
1.3.1010	SPIES	0.0
1.3.1013	RETAILSET	0.0
1.3.1044	OPEN.MAID	2.8
1.3.1056	FIMK	95.6
1.3.1064	OPEN.HEAT	878.3
1.3.1069	OPEN.ARDR	2.9
1.3.1070	OPEN.SBD	8.4
1.3.1079	OPEN.DEOS	41.1
1.3.1081	ETCOIN	0.2
1.3.1100	RISKER	0.1
1.3.1104	BLKONE	2.8

Table 282. Fees collected by blockchain during 2016-08 for limit order create operation

Asset ID	Symbol	Quantity
1.3.607	PERKS	0.0
1.3.609	IOU.CNY	0.0
1.3.629	IOU.ABC	0.1
1.3.757	OPEN.USD	0.1
1.3.766	OPEN.EUR	0.2
1.3.776	OPENPOS	0.0
1.3.822	COMPUCEEDS	0.0
1.3.827	SOLCERT	2.0
1.3.832	BTCOIN	0.4
1.3.849	BTSR	0.2
1.3.850	OPEN.ETH	0.0
1.3.854	OPEN.MUSE	29.4
1.3.858	OPEN.DASH	0.0
1.3.860	OPEN.DOGE	29.4
1.3.861	OPEN.BTC	0.0
1.3.897	BTCPLUS	0.0
1.3.924	PEERPLAYS	0.1
1.3.933	MKR	0.0
1.3.943	CADASTRAL	0.1
1.3.950	CAYMAN	0.1
1.3.970	FUNC	0.0
1.3.977	OPEN.LISK	0.7
1.3.979	OPEN.DGD	0.0
1.3.980	FIMKRYPTO	45.1
1.3.998	WETSTOCK	0.0
1.3.999	DRYSTOCK	0.0
1.3.1005	OPEN.DAO	1.9
1.3.1006	ICOO	0.1
1.3.1013	RETAILSET	0.0
1.3.1042	OPEN.USDT	0.0
1.3.1045	OPEN.EURT	0.0
1.3.1056	FIMK	44.2
1.3.1064	OPEN.HEAT	17.6
1.3.1065	CRYPTOCEEDS	0.0
1.3.1069	OPEN.ARDR	0.1
1.3.1070	OPEN.SBD	0.1
1.3.1079	OPEN.DEOS	0.1
1.3.1080	FAISAL	0.1
1.3.1081	ETCOIN	0.0
1.3.1100	RISKER	0.0
1.3.1110	PINGAN	3,669.0
1.3.1111	JIANKANG	3,669.0
1.3.1112	ENTER	3,669.0
1.3.1113	HELLO	3,669.0
1.3.1114	WENHUA	3,669.0
1.3.1115	BAOXIAN	3,669.0



Asset ID	Symbol	Quantity
1.3.1116	BAIDU	3,669.0
1.3.1117	TMALL	3,669.0
1.3.1118	HOTEL	3,669.0
1.3.1126	CNRMB	3,669.0

Table 283. Fees collected by blockchain during 2016-08 for limit order cancel operation

Asset ID	Symbol	Quantity
1.3.0	BTS	595.4
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	0.0
1.3.121	USD	0.0
1.3.350	TRADE.BTC	0.0
1.3.555	HRYVNA	0.3
1.3.562	OBITS	0.0
1.3.569	OPENBTC	0.0
1.3.585	QBITS	47.7
1.3.590	OPENMUSE	0.2
1.3.592	METAEX.BTC	0.0
1.3.599	TRADE.MUSE	0.3
1.3.609	IOU.CNY	0.0
1.3.670	MEGUSTA	0.0
1.3.745	BLOCKCHAINFUND	0.0
1.3.758	GAMEBET	0.1
1.3.776	OPENPOS	0.0
1.3.822	COMPUCEEDS	0.0
1.3.827	SOLCERT	10.0
1.3.849	BTSR	0.0
1.3.850	OPEN.ETH	0.0
1.3.854	OPEN.MUSE	0.7
1.3.861	OPEN.BTC	0.0
1.3.924	PEERPLAYS	0.0
1.3.933	MKR	0.0
1.3.943	CADASTRAL	0.0
1.3.977	OPEN.LISK	0.0
1.3.979	OPEN.DGD	0.0
1.3.980	FIMKRYPTO	0.9
1.3.1005	OPEN.DAO	0.0
1.3.1006	ICOO	0.0
1.3.1010	SPIES	0.0
1.3.1056	FIMK	0.2
1.3.1064	OPEN.HEAT	0.3
1.3.1100	RISKER	0.0

Table 284. Fees collected by blockchain during 2016-08 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	159.5

Table 285. Fees collected by blockchain during 2016-08 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,145,075.6

Table 286. Fees collected by blockchain during 2016-08 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	113.3
1.3.113	CNY	0.0
1.3.585	QBITS	221.2
1.3.745	BLOCKCHAINFUND	0.3
1.3.822	COMPUCEEDS	0.0
1.3.861	OPEN.BTC	0.0
1.3.897	BTCPLUS	0.0
1.3.924	PEERPLAYS	0.0
1.3.933	MKR	0.0

Table 287. Fees collected by blockchain during 2016-08 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	132.1

Table 288. Fees collected by blockchain during 2016-08 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	686,853.1

Table 289. Fees collected by blockchain during 2016-08 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	337,569.1

Table 290. Fees collected by blockchain during 2016-08 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	14,693.6

Table 291. Fees collected by blockchain during 2016-08 for asset update BitAsset operation

Asset ID	Symbol	Quantity
1.3.0	BTS	4,402.9



Table 292. Fees collected by blockchain during 2016-08 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	220.5

Table 293. Fees collected by blockchain during 2016-08 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2.2

Table 294. Fees collected by blockchain during 2016-08 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	146.8

Table 295. Fees collected by blockchain during 2016-08 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	168.8

Table 296. Fees collected by blockchain during 2016-08 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	5,076.5

Table 297. Fees collected by blockchain during 2016-08 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	36.7

Table 298. Fees collected by blockchain during 2016-08 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	3,088.6

Table 299. Fees collected by blockchain during 2016-08 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	171.3

Table 300. Fees collected by blockchain during 2016-08 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	30,820.3

Table 301. Fees collected by blockchain during 2016-08 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	14.3

Table 302. Fees collected by blockchain during 2016-08 for override transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,054.7

Table 303. Fees collected by blockchain during 2016-08 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	440.3

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Table 304. Fees collected by blockchain during 2016-09 for transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	24,063.0
1.3.103	BTC	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	2.4
1.3.121	USD	0.1
1.3.422	AWCOIN	104.1
1.3.541	AIWCNY	1.3
1.3.562	OBITS	2.5
1.3.569	OPENBTC	0.0
1.3.585	QBITS	7,585.8
1.3.599	TRADE.MUSE	97.5
1.3.609	IOU.CNY	0.1
1.3.746	ANTSHARE	0.2
1.3.776	OPENPOS	0.1
1.3.822	COMPUCEEDS	1.2
1.3.849	BTSR	9.1
1.3.850	OPEN.ETH	0.1
1.3.857	OPEN.PPC	0.1
1.3.858	OPEN.DASH	0.0
1.3.860	OPEN.DOGE	93.2
1.3.861	OPEN.BTC	0.0
1.3.897	BTCPLUS	0.0
1.3.921	CASH.USD	0.1
1.3.924	PEERPLAYS	0.0
1.3.933	MKR	0.0
1.3.943	CADASTRAL	0.4
1.3.946	KITTY	2,496.2
1.3.950	CAYMAN	0.1
1.3.970	FUNC	1.5
1.3.977	OPEN.LISK	2.8
1.3.979	OPEN.DGD	0.0
1.3.986	TRUMP	0.0



Asset ID	Symbol	Quantity
1.3.994	JINBI	4.1
1.3.998	WETSTOCK	0.0
1.3.1006	ICOO	0.1
1.3.1010	SPIES	0.0
1.3.1013	RETAILSET	0.0
1.3.1020	OPEN.MKR	2.8
1.3.1042	OPEN.USDT	0.1
1.3.1043	OPEN.AGRS	2.8
1.3.1044	OPEN.MAID	14.1
1.3.1056	FIMK	40.1
1.3.1065	CRYPTOCEEDS	0.0
1.3.1071	HONGLI	0.2
1.3.1072	BLOCKPAY	55.5
1.3.1079	OPEN.DEOS	5.6
1.3.1081	ETCOIN	0.1
1.3.1100	RISKER	0.2
1.3.1109	YYBTS	309,353.0
1.3.1139	NIHAO	66.3
1.3.1144	BAHT	0.0
1.3.1160	OPEN.GAME	1.4

Table 305. Fees collected by blockchain during 2016-09 for limit order create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	5,530.7
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	0.3
1.3.121	USD	0.0
1.3.130	HLP	0.0
1.3.350	TRADE.BTC	0.0
1.3.362	DOGECOIN	97.2
1.3.397	ALTFUND	999.8
1.3.472	METAFEEES	0.0
1.3.552	TIPSHARES	0.3
1.3.554	ELECTROTAXI	24,741.5
1.3.555	HRYVNA	24,886.0
1.3.562	OBITS	0.4
1.3.569	OPENBTC	0.0
1.3.585	QBITS	513.7
1.3.590	OPENMUSE	16,256.7
1.3.599	TRADE.MUSE	4,628.6
1.3.607	PERKS	202.5
1.3.609	IOU.CNY	0.0
1.3.629	IOU.ABC	0.3
1.3.670	MEGUSTA	237.9

Asset ID	Symbol	Quantity
1.3.746	ANTSHARE	0.0
1.3.757	OPEN.USD	4.0
1.3.766	OPEN.EUR	3.3
1.3.767	OPEN.CNY	30.5
1.3.771	BOTTLECAPS	2,480.0
1.3.776	OPENPOS	0.0
1.3.790	TRADE.DOGE	14.7
1.3.806	GRAND	0.0
1.3.808	BGIBTS	619.3
1.3.809	MILLION	0.0
1.3.822	COMPUCEEDS	11.5
1.3.826	OPENBKs	1.1
1.3.827	SOLCERT	159.0
1.3.829	SUGAR	1,858.1
1.3.832	BTCOIN	2,487.3
1.3.849	BTSR	51.8
1.3.850	OPEN.ETH	0.0
1.3.854	OPEN.MUSE	10,072.5
1.3.856	OPEN.NSR	0.9
1.3.857	OPEN.PPC	0.0
1.3.858	OPEN.DASH	0.0
1.3.859	OPEN.LTC	0.0
1.3.860	OPEN.DOGE	39,912.5
1.3.861	OPEN.BTC	0.0
1.3.865	ZARBTS	13.9
1.3.872	KOKADUKATS	6.1
1.3.897	BTCPLUS	0.0
1.3.911	MINUTES	2,500.0
1.3.913	TIMEKOIN	998.0
1.3.924	PEERPLAYS	0.0
1.3.933	MKR	0.0
1.3.943	CADASTRAL	50.6
1.3.950	CAYMAN	15.7
1.3.952	ALTCAP	0.0
1.3.966	MILLIONTDD	1,998.0
1.3.970	FUNC	9,779.9
1.3.977	OPEN.LISK	0.4
1.3.979	OPEN.DGD	0.0
1.3.980	FIMKRYPTO	6.0
1.3.984	WORTHMORE	0.0
1.3.986	TRUMP	0.0
1.3.987	CLINTON	14,676.0
1.3.988	SANDERS	1,467.6
1.3.994	JINBI	0.2
1.3.998	WETSTOCK	4.3
1.3.999	DRYSTOCK	4.8



Asset ID	Symbol	Quantity
1.3.1005	OPEN.DAO	0.6
1.3.1006	ICOO	0.1
1.3.1010	SPIES	0.0
1.3.1013	RETAILSET	4.1
1.3.1017	ARS	0.0
1.3.1019	SASOL	0.4
1.3.1042	OPEN.USDT	0.0
1.3.1044	OPEN.MAID	0.1
1.3.1046	OPEN.AMP	0.3
1.3.1047	GRIDCOIN	0.1
1.3.1056	FIMK	9,971.0
1.3.1061	ARTHURCOIN	5,000.0
1.3.1064	OPEN.HEAT	26.4
1.3.1065	CRYPTOCEEDS	3.7
1.3.1066	SSTEEM	3,668.3
1.3.1069	OPEN.ARDR	0.1
1.3.1071	HONGLI	146.0
1.3.1072	BLOCKPAY	0.5
1.3.1077	ETHWAR	3,667.2
1.3.1079	OPEN.DEOS	0.4
1.3.1097	BTSBUG	3,669.0
1.3.1100	RISKER	0.2
1.3.1108	PAYMASTER	1.0
1.3.1127	VIDEO	3,669.0
1.3.1128	SOUND	3,669.0
1.3.1129	PHONE	3,669.0
1.3.1130	VIRUS	3,669.0
1.3.1131	MODEL	3,669.0
1.3.1132	PHOTO	3,669.0
1.3.1133	MOUSE	3,669.0
1.3.1139	NIHAO	441.7
1.3.1140	ZCASH	1.0
1.3.1141	SURPRISE	3,669.0
1.3.1146	JAPAN	3,669.0
1.3.1152	OPEN.GRC	1.5

Table 306. Fees collected by blockchain during 2016-09 for limit order cancel operation

Asset ID	Symbol	Quantity
1.3.0	BTS	312.1
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.113	CNY	0.0
1.3.121	USD	0.0
1.3.562	OBITS	0.0
1.3.569	OPENBTC	0.0
1.3.585	QBITS	18.3

Asset ID	Symbol	Quantity
1.3.590	OPENMUSE	0.1
1.3.599	TRADE.MUSE	0.7
1.3.614	GSTAMP	0.0
1.3.746	ANTSHARE	0.0
1.3.757	OPEN.USD	0.0
1.3.766	OPEN.EUR	0.0
1.3.822	COMPUCEEDS	0.0
1.3.825	IOU.LUCKY	0.0
1.3.849	BTSR	0.0
1.3.850	OPEN.ETH	0.0
1.3.856	OPEN.NSR	0.0
1.3.857	OPEN.PPC	0.0
1.3.859	OPEN.LTC	0.0
1.3.861	OPEN.BTC	0.0
1.3.924	PEERPLAYS	0.0
1.3.943	CADASTRAL	0.0
1.3.970	FUNC	0.0
1.3.977	OPEN.LISK	0.1
1.3.979	OPEN.DGD	0.0
1.3.1006	ICOO	0.0
1.3.1022	LISK	0.0
1.3.1042	OPEN.USDT	0.0
1.3.1044	OPEN.MAID	0.0
1.3.1046	OPEN.AMP	0.0
1.3.1064	OPEN.HEAT	0.3
1.3.1072	BLOCKPAY	0.0
1.3.1100	RISKER	0.0
1.3.1109	YYBTS	14.7
1.3.1139	NIHAO	0.0
1.3.1140	ZCASH	0.0
1.3.1152	OPEN.GRC	0.0

Table 307. Fees collected by blockchain during 2016-09 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	108.9

Table 308. Fees collected by blockchain during 2016-09 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	739,063.0

Table 309. Fees collected by blockchain during 2016-09 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	85.8
1.3.585	QBITS	146.6
1.3.659	OPENSESAME	0.5



Asset ID	Symbol	Quantity
1.3.822	COMPUCEEDS	0.0
1.3.861	OPEN.BTC	0.0

Table 310. Fees collected by blockchain during 2016-09 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	102.7

Table 311. Fees collected by blockchain during 2016-09 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	545,960.1

Table 312. Fees collected by blockchain during 2016-09 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	528,355.3

Table 313. Fees collected by blockchain during 2016-09 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	6,170.6

Table 314. Fees collected by blockchain during 2016-09 for asset update BitAsset operation

Asset ID	Symbol	Quantity
1.3.0	BTS	733.8

Table 315. Fees collected by blockchain during 2016-09 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	283.9

Table 316. Fees collected by blockchain during 2016-09 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	5.3

Table 317. Fees collected by blockchain during 2016-09 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,467.6

Table 318. Fees collected by blockchain during 2016-09 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	124.7

Table 319. Fees collected by blockchain during 2016-09 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	4,030.2

Table 320. Fees collected by blockchain during 2016-09 for witness create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	7,338.2

Table 321. Fees collected by blockchain during 2016-09 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	22.0

Table 322. Fees collected by blockchain during 2016-09 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,904.0

Table 323. Fees collected by blockchain during 2016-09 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	178.9

Table 324. Fees collected by blockchain during 2016-09 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	17,905.1

Table 325. Fees collected by blockchain during 2016-09 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	14,676.3

Table 326. Fees collected by blockchain during 2016-09 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	9.0

Table 327. Fees collected by blockchain during 2016-09 for override transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,174.1

Table 328. Fees collected by blockchain during 2016-09 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	733.8



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Table 329. Fees collected by blockchain during 2016-10 for transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	14,218.0
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.113	CNY	3.0
1.3.120	EUR	0.0
1.3.121	USD	0.1
1.3.350	TRADE.BTC	0.0
1.3.422	AWCOIN	79.7
1.3.541	AIWCNY	2.0
1.3.562	OBITS	2.3
1.3.569	OPENBTC	0.0
1.3.585	QBITS	2,075.9
1.3.599	TRADE.MUSE	13.9
1.3.609	IOU.CNY	0.3
1.3.746	ANTSHARE	0.2
1.3.757	OPEN.USD	0.0
1.3.766	OPEN.EUR	0.0
1.3.776	OPENPOS	0.4
1.3.822	COMPUCEEDS	0.5
1.3.826	OPENBKS	0.0
1.3.849	BTSR	0.8
1.3.850	OPEN.ETH	0.0
1.3.861	OPEN.BTC	0.0
1.3.921	CASH.USD	0.0
1.3.924	PEERPLAYS	0.0
1.3.933	MKR	0.0
1.3.938	REPUTATION	0.0
1.3.950	CAYMAN	0.1
1.3.973	OPEN.STEEM	0.0
1.3.979	OPEN.DGD	0.0
1.3.1005	OPEN.DAO	2.8
1.3.1006	ICOO	0.2
1.3.1010	SPIES	0.0
1.3.1013	RETAILSET	0.0
1.3.1018	TRANS.DAO	0.1
1.3.1056	FIMK	19.6
1.3.1070	OPEN.SBD	2.8
1.3.1072	BLOCKPAY	0.3
1.3.1080	FAISAL	2.8
1.3.1081	ETCOIN	0.2
1.3.1139	NIHAO	13.3
1.3.1152	OPEN.GRC	8.5
1.3.1161	OPEN.INCNT	22.7

Asset ID	Symbol	Quantity
1.3.1184	OPEN.NXC	2.6

Table 330. Fees collected by blockchain during 2016-10 for limit order create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	10,410.6
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	0.4
1.3.120	EUR	0.0
1.3.121	USD	0.0
1.3.138	FUND	7,338.0
1.3.350	TRADE.BTC	0.0
1.3.397	ALTFUND	1,093.3
1.3.562	OBITS	10.5
1.3.569	OPENBTC	0.0
1.3.585	QBITS	110.1
1.3.590	OPENMUSE	19,953.3
1.3.599	TRADE.MUSE	501.7
1.3.607	PERKS	100.0
1.3.609	IOU.CNY	0.0
1.3.670	MEGUSTA	0.0
1.3.746	ANTSHARE	57.1
1.3.758	GAMEBET	234.4
1.3.766	OPEN.EUR	0.0
1.3.808	BGIBTS	0.0
1.3.822	COMPUCEEDS	3.8
1.3.849	BTSR	155.0
1.3.850	OPEN.ETH	0.0
1.3.855	OPEN.NBT	0.0
1.3.857	OPEN.PPC	24.8
1.3.859	OPEN.LTC	0.0
1.3.860	OPEN.DOGE	42,303.8
1.3.861	OPEN.BTC	0.0
1.3.897	BTCPLUS	0.0
1.3.924	PEERPLAYS	0.1
1.3.933	MKR	0.0
1.3.938	REPUTATION	5.1
1.3.950	CAYMAN	0.0
1.3.952	ALTCAP	0.0
1.3.970	FUNC	0.1
1.3.972	TOYOTA	3,668,759.3
1.3.973	OPEN.STEEM	65.0
1.3.977	OPEN.LISK	0.6
1.3.979	OPEN.DGD	0.0
1.3.980	FIMKRYPTO	42.1



Asset ID	Symbol	Quantity
1.3.985	ALTCAP.X	0.0
1.3.986	TRUMP	0.0
1.3.998	WETSTOCK	0.0
1.3.1005	OPEN.DAO	0.4
1.3.1006	ICOO	0.0
1.3.1010	SPIES	9.0
1.3.1017	ARS	0.0
1.3.1019	SASOL	0.0
1.3.1056	FIMK	3,697.0
1.3.1064	OPEN.HEAT	23.5
1.3.1065	CRYPTOCEEDS	0.3
1.3.1068	OCEANIA	36.7
1.3.1070	OPEN.SBD	0.3
1.3.1072	BLOCKPAY	55.8
1.3.1080	FAISAL	0.4
1.3.1100	RISKER	20.3
1.3.1139	NIHAO	0.1
1.3.1152	OPEN.GRC	14.7
1.3.1159	GAMES	3,668.0
1.3.1160	OPEN.GAME	6.3
1.3.1161	OPEN.INCNT	0.0
1.3.1162	STARS	0.0
1.3.1164	ELOAD	0.4
1.3.1165	IOU.XFQ	3,669.3
1.3.1168	CRYPTOINDEX	2,333.7
1.3.1169	TRANS.ANS	55.0
1.3.1183	GAME	146,763.0

Table 331. Fees collected by blockchain during 2016-10 for limit order cancel operation

Asset ID	Symbol	Quantity
1.3.0	BTS	641.9
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.113	CNY	0.0
1.3.118	GBP	0.0
1.3.120	EUR	0.0
1.3.121	USD	0.0
1.3.562	OBITS	0.0
1.3.569	OPENBTC	0.0
1.3.585	QBITS	11.0
1.3.599	TRADE.MUSE	0.1
1.3.734	TCNY	0.0
1.3.757	OPEN.USD	0.0
1.3.758	GAMEBET	0.0
1.3.802	PEWPS	1.5
1.3.822	COMPUCEEDS	0.0

Asset ID	Symbol	Quantity
1.3.825	IOU.LUCKY	0.0
1.3.826	OPENBK5	0.0
1.3.849	BTSR	0.0
1.3.850	OPEN.ETH	0.0
1.3.854	OPEN.MUSE	0.1
1.3.860	OPEN.DOGE	1.5
1.3.861	OPEN.BTC	0.0
1.3.924	PEERPLAYS	0.0
1.3.938	REPUTATION	0.0
1.3.970	FUNC	0.0
1.3.977	OPEN.LISK	0.0
1.3.979	OPEN.DGD	0.0
1.3.992	UNITEDSTATES	0.0
1.3.1070	OPEN.SBD	0.0
1.3.1072	BLOCKPAY	0.0
1.3.1139	NIHAO	0.0
1.3.1152	OPEN.GRC	0.0
1.3.1160	OPEN.GAME	0.0
1.3.1161	OPEN.INCNT	0.0

Table 332. Fees collected by blockchain during 2016-10 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	124.0

Table 333. Fees collected by blockchain during 2016-10 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,045,265.3

Table 334. Fees collected by blockchain during 2016-10 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	57.5
1.3.822	COMPUCEEDS	0.0
1.3.861	OPEN.BTC	0.0
1.3.924	PEERPLAYS	0.0

Table 335. Fees collected by blockchain during 2016-10 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	440.3

Table 336. Fees collected by blockchain during 2016-10 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	158,504.6



Table 337. Fees collected by blockchain during 2016-10 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,915,272.3

Table 338. Fees collected by blockchain during 2016-10 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	9,991.0

Table 339. Fees collected by blockchain during 2016-10 for asset update BitAsset operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,201.5

Table 340. Fees collected by blockchain during 2016-10 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	305.4

Table 341. Fees collected by blockchain during 2016-10 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2.6

Table 342. Fees collected by blockchain during 2016-10 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	880.6

Table 343. Fees collected by blockchain during 2016-10 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	388.9

Table 344. Fees collected by blockchain during 2016-10 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	3,142.9

Table 345. Fees collected by blockchain during 2016-10 for witness create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	7,338.2

Table 346. Fees collected by blockchain during 2016-10 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	29.4

Table 347. Fees collected by blockchain during 2016-10 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,378.0

Table 348. Fees collected by blockchain during 2016-10 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	65.2

Table 349. Fees collected by blockchain during 2016-10 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	19,666.3

Table 350. Fees collected by blockchain during 2016-10 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	32.7

Table 351. Fees collected by blockchain during 2016-10 for override transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	6,898.0

Table 352. Fees collected by blockchain during 2016-10 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,641.7

Fees Collected During 2016-11

Table 353. Fees collected by blockchain during 2016-11 for transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	11,205.3
1.3.103	BTC	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	2.6
1.3.121	USD	0.0
1.3.138	FUND	138,679.5
1.3.350	TRADE.BTC	0.0
1.3.562	OBITS	1.3
1.3.579	OPENDASH	0.0
1.3.585	QBITS	3,451.2
1.3.758	GAMEBET	2.6
1.3.766	OPEN.EUR	0.0
1.3.776	OPENPOS	0.1
1.3.822	COMPUCEEDS	0.6



Asset ID	Symbol	Quantity
1.3.833	WTICRUDE	7.0
1.3.850	OPEN.ETH	0.0
1.3.861	OPEN.BTC	0.0
1.3.921	CASH.USD	0.2
1.3.924	PEERPLAYS	0.0
1.3.933	MKR	0.0
1.3.946	KITTY	277.4
1.3.950	CAYMAN	0.0
1.3.977	OPEN.LISK	8.4
1.3.1004	BLOCKAR	262.4
1.3.1006	ICOO	0.1
1.3.1010	SPIES	0.0
1.3.1072	BLOCKPAY	0.7
1.3.1109	YYBTS	2,641.7
1.3.1152	OPEN.GRC	5.6
1.3.1181	KAPITAL	0.9
1.3.1184	OPEN.NXC	2.6

Table 354. Fees collected by blockchain during 2016-11 for limit order create operation

Asset ID	Symbol	Quantity
1.3.979	OPEN.DGD	0.0
1.3.980	FIMKRYPTO	3.0
1.3.984	WORTHMORE	0.0
1.3.986	TRUMP	0.0
1.3.987	CLINTON	14,676.0
1.3.1006	ICOO	0.0
1.3.1022	LISK	0.6
1.3.1064	OPEN.HEAT	2.9
1.3.1065	CRYPTOCEEDS	0.0
1.3.1068	OCEANIA	0.0
1.3.1070	OPEN.SBD	0.1
1.3.1072	BLOCKPAY	0.2
1.3.1139	NIHAO	0.6
1.3.1152	OPEN.GRC	2.5
1.3.1161	OPEN.INCNT	0.3
1.3.1168	CRYPTOINDEX	1.2
1.3.1178	BKT	587,054.0
1.3.1181	KAPITAL	0.3
1.3.1193	HARUKI	7,338.0
1.3.1196	OPEN.DCT	0.6

Table 355. Fees collected by blockchain during 2016-11 for limit order cancel operation

Asset ID	Symbol	Quantity
1.3.0	BTS	17,057.2
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	0.1
1.3.120	EUR	0.0
1.3.121	USD	0.0
1.3.350	TRADE.BTC	0.0
1.3.562	OBITS	0.1
1.3.585	QBITS	146.8
1.3.609	IOU.CNY	0.0
1.3.757	OPEN.USD	0.0
1.3.766	OPEN.EUR	0.0
1.3.822	COMPUCEEDS	5.9
1.3.831	DEMNONCLINTON	6,221.7
1.3.849	BTSR	0.1
1.3.850	OPEN.ETH	0.0
1.3.858	OPEN.DASH	0.0
1.3.859	OPEN.LTC	0.0
1.3.861	OPEN.BTC	0.0
1.3.868	BOTFUND.USD	1.0
1.3.897	BTCPLUS	0.0
1.3.924	PEERPLAYS	0.0
1.3.933	MKR	0.0
1.3.970	FUNC	0.0
1.3.973	OPEN.STEEM	0.0



Asset ID	Symbol	Quantity
1.3.1072	BLOCKPAY	0.0
1.3.1152	OPEN.GRC	0.0
1.3.1168	CRYPTOINDEX	0.1
1.3.1196	OPEN.DCT	0.0

Table 356. Fees collected by blockchain during 2016-11 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	79.8

Table 357. Fees collected by blockchain during 2016-11 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,037,416.5

Table 358. Fees collected by blockchain during 2016-11 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	51.5
1.3.861	OPEN.BTC	0.0
1.3.924	PEERPLAYS	0.0
1.3.1139	NIHAO	0.2

Table 359. Fees collected by blockchain during 2016-11 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	484.3

Table 360. Fees collected by blockchain during 2016-11 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	334,620.7

Table 361. Fees collected by blockchain during 2016-11 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	95,400.3

Table 362. Fees collected by blockchain during 2016-11 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	4,408.9

Table 363. Fees collected by blockchain during 2016-11 for asset update BitAsset operation

Asset ID	Symbol	Quantity
1.3.0	BTS	733.8

Table 364. Fees collected by blockchain during 2016-11 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	149.9

Table 365. Fees collected by blockchain during 2016-11 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1.2

Table 366. Fees collected by blockchain during 2016-11 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	660.4

Table 367. Fees collected by blockchain during 2016-11 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	535.7

Table 368. Fees collected by blockchain during 2016-11 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	3,162.6

Table 369. Fees collected by blockchain during 2016-11 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	13.2

Table 370. Fees collected by blockchain during 2016-11 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,079.2

Table 371. Fees collected by blockchain during 2016-11 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	61.4

Table 372. Fees collected by blockchain during 2016-11 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	22,308.0

Table 373. Fees collected by blockchain during 2016-11 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	14,676.3



Table 374. Fees collected by blockchain during 2016-11 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	33.4

Table 375. Fees collected by blockchain during 2016-11 for override transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	880.6

Table 376. Fees collected by blockchain during 2016-11 for transfer to blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	390.4

Table 377. Fees collected by blockchain during 2016-11 for blind transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	225.0
1.3.118	GBP	0.3
1.3.120	EUR	0.2
1.3.121	USD	0.3

Table 378. Fees collected by blockchain during 2016-11 for transfer from blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	154.1
1.3.118	GBP	0.3
1.3.120	EUR	0.4
1.3.121	USD	0.4

Table 379. Fees collected by blockchain during 2016-11 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,467.6

Fees Collected During 2016-12

Table 380. Fees collected by blockchain during 2016-12 for transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	18,131.8
1.3.113	CNY	1.3
1.3.120	EUR	0.0
1.3.121	USD	0.1
1.3.350	TRADE.BTC	0.0
1.3.422	AWCOIN	2.8
1.3.562	OBITS	3.2
1.3.569	OPENBTC	0.0

Asset ID	Symbol	Quantity
1.3.585	QBITS	3,424.0
1.3.619	USDTR	2.6
1.3.757	OPEN.USD	0.0
1.3.776	OPENPOS	0.1
1.3.806	GRAND	0.0
1.3.822	COMPUCEEDS	1.4
1.3.849	BTSR	0.7
1.3.850	OPEN.ETH	0.0
1.3.859	OPEN.LTC	0.0
1.3.861	OPEN.BTC	0.0
1.3.897	BTCPLUS	0.0
1.3.921	CASH.USD	0.0
1.3.924	PEERPLAYS	0.0
1.3.933	MKR	0.0
1.3.950	CAYMAN	0.0
1.3.973	OPEN.STEEM	0.1
1.3.975	LISKICO	5.4
1.3.979	OPEN.DGD	0.0
1.3.980	FIMKRYPTO	28.7
1.3.1004	BLOCKAR	616.0
1.3.1005	OPEN.DAO	2.8
1.3.1006	ICOO	0.0
1.3.1018	TRANS.DAO	0.1
1.3.1044	OPEN.MAID	2.8
1.3.1064	OPEN.HEAT	28.2
1.3.1065	CRYPTOCEEDS	0.0
1.3.1072	BLOCKPAY	0.1
1.3.1079	OPEN.DEOS	2.8
1.3.1092	REALITY	0.0
1.3.1161	OPEN.INCNT	25.4
1.3.1181	KAPITAL	2.2
1.3.1184	OPEN.NXC	62.5
1.3.1199	TASKMANAGER	0.0
1.3.1200	TREISM	0.0
1.3.1209	OPEN.WAVES	2.8
1.3.1210	OKCASHBAG	0.3
1.3.1211	VIRGROW	0.3
1.3.1226	MERRYCHRISTMAS	0.8

Table 381. Fees collected by blockchain during 2016-12 for limit order create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	42,731.7
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	0.3



Asset ID	Symbol	Quantity
1.3.120	EUR	0.0
1.3.121	USD	0.1
1.3.350	TRADE.BTC	0.0
1.3.397	ALTFUND	0.1
1.3.562	OBITS	0.2
1.3.569	OPENBTC	0.0
1.3.585	QBITS	110.1
1.3.599	TRADE.MUSE	1,718.3
1.3.609	IOU.CNY	0.0
1.3.614	GSTAMP	1.2
1.3.619	USDTR	43.7
1.3.732	ORBIT	100.0
1.3.757	OPEN.USD	0.0
1.3.758	GAMEBET	2,080.0
1.3.766	OPEN.EUR	0.0
1.3.790	TRADE.DOGE	4.9
1.3.822	COMPUCEEDS	11.1
1.3.826	OPENBK\$	0.0
1.3.849	BTSR	0.1
1.3.850	OPEN.ETH	0.0
1.3.858	OPEN.DASH	0.0
1.3.859	OPEN.LTC	0.0
1.3.861	OPEN.BTC	0.0
1.3.897	BTCPLUS	0.0
1.3.924	PEERPLAYS	0.0
1.3.933	MKR	4.1
1.3.950	CAYMAN	0.0
1.3.956	BTSPLUS	0.0
1.3.973	OPEN.STEEM	0.1
1.3.977	OPEN.LISK	0.3
1.3.979	OPEN.DGD	0.0
1.3.980	FIMCRYPTO	13.5
1.3.983	WORTHLESS	14,676.0
1.3.991	FREEDOM	293,520.0
1.3.994	JINBI	0.1
1.3.1005	OPEN.DAO	0.3
1.3.1006	ICOO	0.0
1.3.1013	RETAILSET	0.0
1.3.1056	FIMK	2.1
1.3.1064	OPEN.HEAT	7.3
1.3.1065	CRYPTOCEEDS	3.4
1.3.1068	OCEANIA	0.0
1.3.1070	OPEN.SBD	0.3
1.3.1072	BLOCKPAY	0.3
1.3.1140	ZCASH	0.1
1.3.1152	OPEN.GRC	1.8

Asset ID	Symbol	Quantity
1.3.1160	OPEN.GAME	1.3
1.3.1161	OPEN.INCNT	6.9
1.3.1181	KAPITAL	0.6
1.3.1184	OPEN.NXC	5.3
1.3.1189	ASSET	3,669.0
1.3.1193	HARUKI	0.6
1.3.1199	TASKMANAGER	36.7
1.3.1200	TREISM	0.0
1.3.1202	IOU.BAO	3,669.7
1.3.1203	IOU.QIANG	3,669.7
1.3.1204	TBBSAR	3,678.0
1.3.1209	OPEN.WAVES	0.1
1.3.1210	OKCASHBAG	3.7
1.3.1211	VIRGROW	0.1
1.3.1214	TRAIL	366.9
1.3.1215	VIBERZ	1.3
1.3.1216	PASSWORD	3,669.0
1.3.1225	NEWBTC	14.7
1.3.1226	MERRYCHRISTMAS	0.2
1.3.1228	FLASH	0.1
1.3.1231	INVEST.MUSIC	0.6
1.3.1232	INVEST.GAME	0.9
1.3.1234	BLOCKCHAIN.INDEX	0.0

Table 382. Fees collected by blockchain during 2016-12 for limit order cancel operation

Asset ID	Symbol	Quantity
1.3.0	BTS	3,298.9
1.3.103	BTC	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	0.0
1.3.120	EUR	0.0
1.3.121	USD	0.0
1.3.350	TRADE.BTC	0.0
1.3.562	OBITS	0.0
1.3.569	OPENBTC	0.0
1.3.585	QBITS	128.4
1.3.629	IOU.ABC	0.0
1.3.746	ANTSHARE	0.0
1.3.822	COMPUCEEDS	0.0
1.3.849	BTSR	0.0
1.3.850	OPEN.ETH	0.0
1.3.858	OPEN.DASH	0.0
1.3.860	OPEN.DOGE	1.0
1.3.861	OPEN.BTC	0.0
1.3.924	PEERPLAYS	0.0
1.3.956	BTSPLUS	0.0



Asset ID	Symbol	Quantity
1.3.973	OPEN.STEEM	0.0
1.3.977	OPEN.LISK	0.1
1.3.1005	OPEN.DAO	0.0
1.3.1006	ICOO	0.0
1.3.1070	OPEN.SBD	0.0
1.3.1072	BLOCKPAY	0.0
1.3.1139	NIHAO	0.1
1.3.1140	ZCASH	0.0
1.3.1161	OPEN.INCNT	0.1
1.3.1181	KAPITAL	0.0
1.3.1184	OPEN.NXC	0.3
1.3.1196	OPEN.DCT	0.0
1.3.1199	TASKMANAGER	0.0
1.3.1209	OPEN.WAVES	0.0
1.3.1226	MERRYCHRISTMAS	0.0
1.3.1231	INVEST.MUSIC	0.0
1.3.1234	BLOCKCHAIN.INDEX	0.0

Table 383. Fees collected by blockchain during 2016-12 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	124.2

Table 384. Fees collected by blockchain during 2016-12 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,023,682.4

Table 385. Fees collected by blockchain during 2016-12 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	115.0
1.3.562	OBITS	0.0
1.3.585	QBITS	73.3
1.3.822	COMPUCCEEDS	0.0
1.3.861	OPEN.BTC	0.0

Table 386. Fees collected by blockchain during 2016-12 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,819.9

Table 387. Fees collected by blockchain during 2016-12 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	352,232.3

Table 388. Fees collected by blockchain during 2016-12 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	308,233.0

Table 389. Fees collected by blockchain during 2016-12 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	22,075.4

Table 390. Fees collected by blockchain during 2016-12 for asset update BitAsset operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,467.6

Table 391. Fees collected by blockchain during 2016-12 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	849.7

Table 392. Fees collected by blockchain during 2016-12 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1.2

Table 393. Fees collected by blockchain during 2016-12 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,247.5

Table 394. Fees collected by blockchain during 2016-12 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	513.7

Table 395. Fees collected by blockchain during 2016-12 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	3,373.6

Table 396. Fees collected by blockchain during 2016-12 for witness create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	7,338.2

Table 397. Fees collected by blockchain during 2016-12 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	63.1



Table 398. Fees collected by blockchain during 2016-12 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,401.2

Table 399. Fees collected by blockchain during 2016-12 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	69.0

Table 400. Fees collected by blockchain during 2016-12 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	22,601.6

Table 401. Fees collected by blockchain during 2016-12 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	43.8

Table 402. Fees collected by blockchain during 2016-12 for override transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,614.5

Table 403. Fees collected by blockchain during 2016-12 for transfer to blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	41.1

Table 404. Fees collected by blockchain during 2016-12 for blind transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	60.0

Table 405. Fees collected by blockchain during 2016-12 for transfer from blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	61.6

Table 406. Fees collected by blockchain during 2016-12 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,320.9

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Table 407. Fees collected by blockchain during 2017-01 for transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	19,480.2
1.3.113	CNY	1.0
1.3.120	EUR	0.1
1.3.121	USD	0.2
1.3.138	FUND	132,087.0
1.3.350	TRADE.BTC	0.0
1.3.562	OBITS	4.9
1.3.569	OPENBTC	0.0
1.3.585	QBITS	699.1
1.3.614	GSTAMP	22.6
1.3.822	COMPUCEEDS	0.3
1.3.849	BTSR	0.6
1.3.850	OPEN.ETH	0.0
1.3.855	OPEN.NBT	0.0
1.3.858	OPEN.DASH	0.0
1.3.859	OPEN.LTC	0.0
1.3.861	OPEN.BTC	0.0
1.3.921	CASH.USD	0.0
1.3.950	CAYMAN	0.0
1.3.973	OPEN.STEEM	0.4
1.3.979	OPEN.DGD	0.0
1.3.1004	BLOCKAR	16.3
1.3.1006	ICOO	0.1
1.3.1010	SPIES	0.1
1.3.1042	OPEN.USDT	0.0
1.3.1046	OPEN.AMP	5.6
1.3.1056	FIMK	19.6
1.3.1064	OPEN.HEAT	28.0
1.3.1065	CRYPTOCEEDS	0.0
1.3.1070	OPEN.SBD	0.2
1.3.1072	BLOCKPAY	0.1
1.3.1079	OPEN.DEOS	2.6
1.3.1081	ETCOIN	0.1
1.3.1139	NIHAO	2.8
1.3.1152	OPEN.GRC	8.5
1.3.1161	OPEN.INCNT	47.4
1.3.1181	KAPITAL	5.8
1.3.1182	SAXIONEURO	13.2
1.3.1184	OPEN.NXC	5.7
1.3.1188	HEMPSWEET	2.7
1.3.1211	VIRGROW	0.1
1.3.1236	MONEDAPAR	54.3



Table 408. Fees collected by blockchain during 2017-01 for limit order create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	61,163.1
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	0.2
1.3.120	EUR	0.0
1.3.121	USD	0.0
1.3.350	TRADE.BTC	0.0
1.3.397	ALTFUND	0.5
1.3.562	OBITS	59.2
1.3.585	QBITS	183.5
1.3.607	PERKS	0.0
1.3.609	IOU.CNY	0.0
1.3.614	GSTAMP	0.6
1.3.629	IOU.ABC	1.2
1.3.766	OPEN.EUR	0.1
1.3.802	PEWPS	14.7
1.3.822	COMPUCEEDS	7.9
1.3.828	OPEN.BKS	1.2
1.3.849	BTSR	49.1
1.3.850	OPEN.ETH	0.0
1.3.858	OPEN.DASH	0.0
1.3.859	OPEN.LTC	0.0
1.3.861	OPEN.BTC	0.0
1.3.958	BTWTY	0.0
1.3.973	OPEN.STEEM	19.0
1.3.979	OPEN.DGD	0.0
1.3.980	FIMKRYPTO	36.1
1.3.1005	OPEN.DAO	0.4
1.3.1006	ICOO	0.0
1.3.1022	LISK	1,527.6
1.3.1042	OPEN.USDT	0.0
1.3.1056	FIMK	7,943.6
1.3.1064	OPEN.HEAT	61.6
1.3.1065	CRYPTOCEEDS	0.0
1.3.1069	OPEN.ARDR	0.1
1.3.1070	OPEN.SBD	0.0
1.3.1072	BLOCKPAY	0.3
1.3.1080	FAISAL	140.5
1.3.1140	ZCASH	0.0
1.3.1152	OPEN.GRC	2.2
1.3.1160	OPEN.GAME	0.1
1.3.1161	OPEN.INCNT	5.8
1.3.1181	KAPITAL	1.5

Asset ID	Symbol	Quantity
1.3.1184	OPEN.NXC	0.7
1.3.1188	HEMPSWEET	0.2
1.3.1196	OPEN.DCT	0.6
1.3.1211	VIRGROW	1.9
1.3.1215	VIBERZ	3,667.9
1.3.1226	MERRYCHRISTMAS	365.9
1.3.1229	SAVETHEPLANET	0.1
1.3.1232	INVEST.GAME	0.1
1.3.1234	BLOCKCHAIN.INDEX	0.1
1.3.1247	WANGCHANGE	2.9
1.3.1249	SEXAV	3,669.0
1.3.1250	SEXTV	3,669.0
1.3.1251	MAGIC	3,669.0
1.3.1252	BIBLE	3,669.0
1.3.1253	DEMON	3,669.0
1.3.1254	HORSE	3,669.0
1.3.1255	BREAD	3,669.0
1.3.1256	JEWEL	3,669.0
1.3.1257	HONEY	3,669.0
1.3.1258	SEX	587,053.0
1.3.1259	GOLOS	0.0
1.3.1265	LEOUSD	0.0
1.3.1266	LEOGBP	0.0

Table 409. Fees collected by blockchain during 2017-01 for limit order cancel operation

Asset ID	Symbol	Quantity
1.3.0	BTS	5,206.6
1.3.103	BTC	0.0
1.3.113	CNY	0.0
1.3.121	USD	0.0
1.3.562	OBITS	0.0
1.3.569	OPENBTC	0.0
1.3.585	QBITS	40.3
1.3.590	OPENMUSE	0.2
1.3.607	PERKS	0.0
1.3.614	GSTAMP	0.0
1.3.822	COMPUCEEDS	0.0
1.3.849	BTSR	0.0
1.3.858	OPEN.DASH	0.0
1.3.861	OPEN.BTC	0.0
1.3.973	OPEN.STEEM	0.0
1.3.977	OPEN.LISK	0.1
1.3.1006	ICOO	0.0
1.3.1065	CRYPTOCEEDS	0.0
1.3.1070	OPEN.SBD	0.0
1.3.1072	BLOCKPAY	0.0



Asset ID	Symbol	Quantity
1.3.1152	OPEN.GRC	0.0
1.3.1161	OPEN.INCNT	0.0
1.3.1181	KAPITAL	0.0
1.3.1184	OPEN.NXC	0.0
1.3.1229	SAVETHEPLANET	0.0

Table 410. Fees collected by blockchain during 2017-01 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	95.8

Table 411. Fees collected by blockchain during 2017-01 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	74,969.5

Table 412. Fees collected by blockchain during 2017-01 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	200.8
1.3.121	USD	0.0
1.3.590	OPENMUSE	1.5
1.3.822	COMPUCEEDS	0.0
1.3.861	OPEN.BTC	0.0
1.3.1072	BLOCKPAY	0.0

Table 413. Fees collected by blockchain during 2017-01 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,656.4

Table 414. Fees collected by blockchain during 2017-01 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	563,571.8

Table 415. Fees collected by blockchain during 2017-01 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,643,756.5

Table 416. Fees collected by blockchain during 2017-01 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	13,821.8

Table 417. Fees collected by blockchain during 2017-01 for asset update BitAsset operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,467.6

Table 418. Fees collected by blockchain during 2017-01 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	4,327.8

Table 419. Fees collected by blockchain during 2017-01 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2.9

Table 420. Fees collected by blockchain during 2017-01 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	220.1

Table 421. Fees collected by blockchain during 2017-01 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	403.6

Table 422. Fees collected by blockchain during 2017-01 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	4,047.7

Table 423. Fees collected by blockchain during 2017-01 for witness create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	7,338.2

Table 424. Fees collected by blockchain during 2017-01 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	26.4

Table 425. Fees collected by blockchain during 2017-01 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	4,056.9

Table 426. Fees collected by blockchain during 2017-01 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	195.5

Table 427. Fees collected by blockchain during 2017-01 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	17,318.1



Table 428. Fees collected by blockchain during 2017-01 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	14,676.3

Table 429. Fees collected by blockchain during 2017-01 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	11.3

Table 430. Fees collected by blockchain during 2017-01 for override transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	43,148.5

Table 431. Fees collected by blockchain during 2017-01 for transfer to blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	82.2

Table 432. Fees collected by blockchain during 2017-01 for blind transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	60.0

Table 433. Fees collected by blockchain during 2017-01 for transfer from blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	61.6

Table 434. Fees collected by blockchain during 2017-01 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	880.6

Asset ID	Symbol	Quantity
1.3.569	OPENBTC	0.0
1.3.585	QBITS	4,123.1
1.3.607	PERKS	0.5
1.3.609	IOU.CNY	0.3
1.3.626	SANDWICH	0.0
1.3.734	TCNY	0.1
1.3.822	COMPUCEEDS	0.2
1.3.849	BTSR	0.4
1.3.850	OPEN.ETH	0.1
1.3.858	OPEN.DASH	0.0
1.3.859	OPEN.LTC	0.0
1.3.861	OPEN.BTC	0.0
1.3.921	CASH.USD	0.0
1.3.950	CAYMAN	0.0
1.3.973	OPEN.STEEM	0.1
1.3.979	OPEN.DGD	0.0
1.3.1004	BLOCKAR	2.8
1.3.1006	ICOO	0.1
1.3.1044	OPEN.MAID	2.8
1.3.1065	CRYPTOCEEDS	0.0
1.3.1072	BLOCKPAY	0.2
1.3.1152	OPEN.GRC	5.6
1.3.1161	OPEN.INCNT	27.9
1.3.1181	KAPITAL	11.8
1.3.1184	OPEN.NXC	5.7
1.3.1211	VIRGROW	0.1
1.3.1236	MONEDAPAR	7.3
1.3.1247	WANGCHANGE	25.2
1.3.1248	THIRSTY	0.0
1.3.1259	GOLOS	0.4
1.3.1272	ETFBTC	7.0

Table 436. Fees collected by blockchain during 2016-02 for limit order create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	58,034.0
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	0.7
1.3.120	EUR	0.0
1.3.121	USD	0.0
1.3.350	TRADE.BTC	0.0
1.3.562	OBITS	0.0
1.3.569	OPENBTC	0.0
1.3.585	QBITS	36.7
1.3.607	PERKS	99.3

Fees Collected During 2017-02

Table 435. Fees collected by blockchain during 2016-02 for transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	15,472.8
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.113	CNY	2.2
1.3.120	EUR	0.2
1.3.121	USD	0.8
1.3.350	TRADE.BTC	0.0
1.3.422	AWCOIN	2.6
1.3.562	OBITS	2.5



Asset ID	Symbol	Quantity
1.3.609	IOU.CNY	0.0
1.3.614	GSTAMP	0.3
1.3.626	SANDWICH	0.0
1.3.629	IOU.ABC	0.1
1.3.822	COMPUCEEDS	1.0
1.3.849	BTSR	0.1
1.3.850	OPEN.ETH	0.0
1.3.858	OPEN.DASH	0.0
1.3.859	OPEN.LTC	0.0
1.3.861	OPEN.BTC	0.0
1.3.958	BTWTY	0.0
1.3.973	OPEN.STEEM	0.1
1.3.977	OPEN.LISK	0.1
1.3.979	OPEN.DGG	0.0
1.3.980	FIMKRYPTO	7.5
1.3.1006	ICOO	0.0
1.3.1042	OPEN.USDT	0.0
1.3.1064	OPEN.HEAT	26.4
1.3.1065	CRYPTOCEEDS	0.0
1.3.1069	OPEN.ARDR	0.1
1.3.1070	OPEN.SBD	0.0
1.3.1072	BLOCKPAY	0.1
1.3.1140	ZCASH	0.0
1.3.1152	OPEN.GRC	0.7
1.3.1161	OPEN.INCNT	2.6
1.3.1181	KAPITAL	2.8
1.3.1184	OPEN.NXC	0.3
1.3.1188	HEMPSWEET	0.5
1.3.1191	FRONTIER.USD	14.7
1.3.1209	OPEN.WAVES	0.1
1.3.1211	VIRGROW	0.0
1.3.1228	FLASH	0.0
1.3.1229	SAVETHEPLANET	266.2
1.3.1247	WANGCHANGE	2.3
1.3.1248	THIRSTY	0.7
1.3.1259	GOLOS	0.0
1.3.1267	GALLEON	0.0
1.3.1272	ETFBTC	956.3

Table 437. Fees collected by blockchain during 2016-02 for limit order cancel operation

Asset ID	Symbol	Quantity
1.3.0	BTS	4,984.9
1.3.113	CNY	0.0
1.3.121	USD	0.0
1.3.562	OBITS	0.0
1.3.569	OPENBTC	0.0

Asset ID	Symbol	Quantity
1.3.585	QBITS	3.7
1.3.590	OPENMUSE	1.1
1.3.822	COMPUCEEDS	0.0
1.3.850	OPEN.ETH	0.0
1.3.858	OPEN.DASH	0.0
1.3.861	OPEN.BTC	0.0
1.3.973	OPEN.STEEM	0.0
1.3.1042	OPEN.USDT	0.0
1.3.1072	BLOCKPAY	0.0
1.3.1152	OPEN.GRC	0.0
1.3.1161	OPEN.INCNT	0.0
1.3.1181	KAPITAL	0.0
1.3.1184	OPEN.NXC	0.0
1.3.1229	SAVETHEPLANET	0.0
1.3.1231	INVEST.MUSIC	0.0

Table 438. Fees collected by blockchain during 2016-02 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	80.0

Table 439. Fees collected by blockchain during 2016-02 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	49,476.6

Table 440. Fees collected by blockchain during 2016-02 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	119.4
1.3.121	USD	0.0

Table 441. Fees collected by blockchain during 2016-02 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,392.2

Table 442. Fees collected by blockchain during 2016-02 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	387,455.6

Table 443. Fees collected by blockchain during 2016-02 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	418,282.9



Table 444. Fees collected by blockchain during 2016-02 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	11,768.9

Table 445. Fees collected by blockchain during 2016-02 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,817.0

Table 446. Fees collected by blockchain during 2016-02 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1.2

Table 447. Fees collected by blockchain during 2016-02 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	146.8

Table 448. Fees collected by blockchain during 2016-02 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	220.1

Table 449. Fees collected by blockchain during 2016-02 for asset global settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	733.8

Table 450. Fees collected by blockchain during 2016-02 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	3,493.8

Table 451. Fees collected by blockchain during 2016-02 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	24.9

Table 452. Fees collected by blockchain during 2016-02 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	3,670.4

Table 453. Fees collected by blockchain during 2016-02 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	214.5

Table 454. Fees collected by blockchain during 2016-02 for withdraw permission create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	22.0

Table 455. Fees collected by blockchain during 2016-02 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	14,382.8

Table 456. Fees collected by blockchain during 2016-02 for worker create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	36,690.9

Table 457. Fees collected by blockchain during 2016-02 for override transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	13,355.7

Table 458. Fees collected by blockchain during 2016-02 for transfer to blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	123.3

Table 459. Fees collected by blockchain during 2016-02 for blind transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	105.0

Table 460. Fees collected by blockchain during 2016-02 for transfer from blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	92.5

Table 461. Fees collected by blockchain during 2016-02 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,320.9

Fees Collected During 2017-03

Table 462. Fees collected by blockchain during 2017-03 for transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	29,593.9
1.3.113	CNY	4.0
1.3.120	EUR	0.2
1.3.121	USD	0.2
1.3.350	TRADE.BTC	0.0



Asset ID	Symbol	Quantity
1.3.562	OBITS	6.8
1.3.569	OPENBTC	0.0
1.3.609	IOU.CNY	0.2
1.3.757	OPEN.USD	0.0
1.3.800	COPPERTICKET	39.6
1.3.822	COMPUCEEDS	0.3
1.3.850	OPEN.ETH	0.1
1.3.858	OPEN.DASH	0.1
1.3.859	OPEN.LTC	0.1
1.3.861	OPEN.BTC	0.0
1.3.898	AUKSINAS	0.0
1.3.913	TIMEKOIN	2.0
1.3.921	CASH.USD	0.0
1.3.973	OPEN.STEEM	6.5
1.3.977	OPEN.LISK	2.8
1.3.979	OPEN.DGD	0.0
1.3.1006	ICOO	0.0
1.3.1010	SPIES	0.1
1.3.1042	OPEN.USDT	0.2
1.3.1044	OPEN.MAID	11.3
1.3.1064	OPEN.HEAT	55.9
1.3.1065	CRYPTOCEEDS	0.0
1.3.1069	OPEN.ARDR	2.8
1.3.1080	FAISAL	2.8
1.3.1093	YOYOW	1,400.3
1.3.1161	OPEN.INCNT	11.0
1.3.1181	KAPITAL	6.5
1.3.1229	SAVETHEPLANET	5.3
1.3.1236	MONEDAPAR	10.6
1.3.1247	WANGCHANGE	56.0
1.3.1267	GALLEON	0.0
1.3.1272	ETFBTC	2.8
1.3.1274	PPBITS	1.0
1.3.1286	KEEPCOIN	24.4
1.3.1289	DINAR	7.9
1.3.1292	DEXBTC	0.0
1.3.1299	TESTCOIN	10.6
1.3.1318	LILWANGS	11.3

Table 463. Fees collected by blockchain during 2017-03 for limit order create operation

Asset ID	Symbol	Quantity
1.3.120	EUR	0.0
1.3.121	USD	0.1
1.3.350	TRADE.BTC	0.0
1.3.552	TIPSHARES	0.2
1.3.562	OBITS	0.4
1.3.569	OPENBTC	0.0
1.3.585	QBITS	36.7
1.3.607	PERKS	0.0
1.3.609	IOU.CNY	0.1
1.3.626	SANDWICH	0.0
1.3.766	OPEN.EUR	0.2
1.3.822	COMPUCEEDS	0.0
1.3.849	BTSR	0.1
1.3.850	OPEN.ETH	0.0
1.3.858	OPEN.DASH	0.0
1.3.859	OPEN.LTC	0.0
1.3.861	OPEN.BTC	0.0
1.3.933	MKR	0.0
1.3.958	BTWTY	0.0
1.3.973	OPEN.STEEM	0.4
1.3.977	OPEN.LISK	0.3
1.3.979	OPEN.DGD	0.0
1.3.980	FIMKRYPTO	3,624.4
1.3.1006	ICOO	0.0
1.3.1010	SPIES	0.0
1.3.1042	OPEN.USDT	0.0
1.3.1044	OPEN.MAID	0.1
1.3.1046	OPEN.AMP	0.3
1.3.1056	FIMK	25,675.2
1.3.1064	OPEN.HEAT	13.2
1.3.1065	CRYPTOCEEDS	0.0
1.3.1070	OPEN.SBD	0.0
1.3.1093	YOYOW	4.1
1.3.1139	NIHAO	3,583.8
1.3.1140	ZCASH	0.0
1.3.1152	OPEN.GRC	569.5
1.3.1160	OPEN.GAME	0.7
1.3.1161	OPEN.INCNT	0.8
1.3.1181	KAPITAL	0.8
1.3.1184	OPEN.NXC	0.6
1.3.1191	FRONTIER.USD	29.4
1.3.1196	OPEN.DCT	0.1
1.3.1209	OPEN.WAVES	0.1
1.3.1211	VIRGROW	0.0
1.3.1241	LIVENET	3,669.1
1.3.1247	WANGCHANGE	9.5



Asset ID	Symbol	Quantity
1.3.1259	GOLOS	0.2
1.3.1263	TETHERUSD	11.0
1.3.1267	GALLEON	0.0
1.3.1272	ETFBTC	868.5
1.3.1285	KEEPYC	0.6
1.3.1286	KEEPCOIN	1.2
1.3.1289	DINAR	0.1
1.3.1290	BBBAA	33.0
1.3.1299	TESTCOIN	18.0
1.3.1300	WANGCENTS	15.0

Table 464. Fees collected by blockchain during 2017-03 for limit order cancel operation

Asset ID	Symbol	Quantity
1.3.0	BTS	10,058.1
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	0.0
1.3.118	GBP	0.0
1.3.121	USD	0.0
1.3.350	TRADE.BTC	0.0
1.3.562	OBITS	0.0
1.3.569	OPENBTC	0.0
1.3.585	QBITS	3.7
1.3.607	PERKS	0.0
1.3.609	IOU.CNY	0.0
1.3.758	GAMEBET	0.0
1.3.766	OPEN.EUR	0.0
1.3.822	COMPUCEEDS	0.0
1.3.849	BTSR	0.0
1.3.850	OPEN.ETH	0.0
1.3.858	OPEN.DASH	0.0
1.3.859	OPEN.LTC	0.0
1.3.861	OPEN.BTC	0.0
1.3.958	BTWTY	0.0
1.3.973	OPEN.STEEM	0.0
1.3.979	OPEN.DGD	0.0
1.3.1006	ICOO	0.0
1.3.1010	SPIES	0.0
1.3.1070	OPEN.SBD	0.0
1.3.1093	YOYOW	0.0
1.3.1140	ZCASH	0.0
1.3.1181	KAPITAL	0.0
1.3.1191	FRONTIER.USD	1.5
1.3.1214	TRAIL	0.0
1.3.1229	SAVETHEPLANET	0.0

Asset ID	Symbol	Quantity
1.3.1272	ETFBTC	0.0
1.3.1290	BBBAA	4.0
1.3.1292	DEXBTC	0.0

Table 465. Fees collected by blockchain during 2017-03 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	212.1

Table 466. Fees collected by blockchain during 2017-03 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	90,732.4

Table 467. Fees collected by blockchain during 2017-03 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	102.3

Table 468. Fees collected by blockchain during 2017-03 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	396.3

Table 469. Fees collected by blockchain during 2017-03 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	598,795.0

Table 470. Fees collected by blockchain during 2017-03 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,891,250.9

Table 471. Fees collected by blockchain during 2017-03 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	12,346.2

Table 472. Fees collected by blockchain during 2017-03 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	495.9

Table 473. Fees collected by blockchain during 2017-03 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1.0



Table 474. Fees collected by blockchain during 2017-03 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	440.3

Table 475. Fees collected by blockchain during 2017-03 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	388.9

Table 476. Fees collected by blockchain during 2017-03 for asset global settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	733.8

Table 477. Fees collected by blockchain during 2017-03 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	4,968.8

Table 478. Fees collected by blockchain during 2017-03 for witness create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	14,676.3

Table 479. Fees collected by blockchain during 2017-03 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	339.0

Table 480. Fees collected by blockchain during 2017-03 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	7,641.8

Table 481. Fees collected by blockchain during 2017-03 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	454.9

Table 482. Fees collected by blockchain during 2017-03 for committee member create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	733.8

Table 483. Fees collected by blockchain during 2017-03 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	20,546.9

Table 484. Fees collected by blockchain during 2017-03 for assert operation

Asset ID	Symbol	Quantity
1.3.113	CNY	5.8

Table 485. Fees collected by blockchain during 2017-03 for override transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	57,531.5

Table 486. Fees collected by blockchain during 2017-03 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,174.1

Fees Collected During 2017-04

Table 487. Fees collected by blockchain during 2017-04 for transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	47,453.9
1.3.103	BTC	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	19.4
1.3.120	EUR	0.1
1.3.121	USD	1.7
1.3.350	TRADE.BTC	0.0
1.3.422	AWCOIN	21.3
1.3.552	TIPSHARES	5.6
1.3.562	OBITS	5.0
1.3.569	OPENBTC	0.0
1.3.585	QBITS	7,386.6
1.3.593	METAEX.ETH	0.0
1.3.609	IOU.CNY	4.2
1.3.638	LITECOIN	105,669.6
1.3.757	OPEN.USD	0.1
1.3.822	COMPUCEEDS	1.1
1.3.834	SPFIVE	6.6
1.3.850	OPEN.ETH	0.1
1.3.858	OPEN.DASH	0.0
1.3.859	OPEN.LTC	0.1
1.3.861	OPEN.BTC	0.0
1.3.898	AUKSINAS	1.1
1.3.921	CASH.USD	0.2
1.3.950	CAYMAN	0.0
1.3.957	YXCOIN	264.2
1.3.958	BTWTY	0.0
1.3.970	FUNC	0.7



Asset ID	Symbol	Quantity
1.3.973	OPEN.STEEM	5.3
1.3.977	OPEN.LISK	5.6
1.3.979	OPEN.DGD	0.0
1.3.1006	ICOO	0.0
1.3.1010	SPIES	0.2
1.3.1032	TRANS.ETH	0.0
1.3.1041	OPEN.OMNI	0.1
1.3.1042	OPEN.USDT	0.5
1.3.1044	OPEN.MAID	5.5
1.3.1046	OPEN.AMP	5.6
1.3.1056	FIMK	19.6
1.3.1064	OPEN.HEAT	330.1
1.3.1065	CRYPTOCEEDS	0.0
1.3.1070	OPEN.SBD	0.2
1.3.1093	YOYOW	16,487.1
1.3.1094	HOTHEART	5.3
1.3.1140	ZCASH	0.0
1.3.1152	OPEN.GRC	16.9
1.3.1161	OPEN.INCNT	23.7
1.3.1181	KAPITAL	3.0
1.3.1184	OPEN.NXC	2.6
1.3.1209	OPEN.WAVES	3.0
1.3.1211	VIRGROW	0.0
1.3.1236	MONEDAPAR	11.8
1.3.1247	WANGCHANGE	283.9
1.3.1317	ZCOIN	0.3
1.3.1318	LILWANGS	14.1
1.3.1325	RUBLE	2.0
1.3.1327	LEOBUZZ	566.4
1.3.1331	IOU.BCS	10.1
1.3.1345	TRUMPSUCKS	10.6
1.3.1352	QORA	4.2

Table 488. Fees collected by blockchain during 2017-04 for limit order create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	195,283.4
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	6.8
1.3.120	EUR	0.0
1.3.121	USD	0.4
1.3.397	ALTFUND	0.0
1.3.422	AWCOIN	4,574.2
1.3.541	AIWCNY	1,764.7
1.3.562	OBITS	0.4

Asset ID	Symbol	Quantity
1.3.585	QBITS	220.1
1.3.609	IOU.CNY	0.4
1.3.630	IOU.BTSABC	0.1
1.3.638	LITECOIN	5,894.7
1.3.721	DOLLARS	2,500.0
1.3.722	EUROS	2,500.0
1.3.723	POUNDS	2,500.0
1.3.724	YUAN	129,930.0
1.3.725	YUANS	2,500.0
1.3.726	XBITCOIN	2,500.0
1.3.745	BLOCKCHAINFUND	0.1
1.3.757	OPEN.USD	0.1
1.3.766	OPEN.EUR	0.1
1.3.790	TRADE.DOGE	14.7
1.3.822	COMPUCEEDS	1.0
1.3.850	OPEN.ETH	0.0
1.3.856	OPEN.NSR	199.3
1.3.858	OPEN.DASH	0.0
1.3.859	OPEN.LTC	0.0
1.3.861	OPEN.BTC	0.0
1.3.873	MAIDSAFECOIN	2,500.0
1.3.874	MAIDSAFE	2,500.0
1.3.875	PEERCOIN	2,500.0
1.3.876	EMERCOIN	2,500.0
1.3.877	FACTOM	2,500.0
1.3.878	NUSHARES	2,500.0
1.3.879	DECRED	2,500.0
1.3.880	STARTCOIN	2,500.0
1.3.881	GETGEMS	2,500.0
1.3.882	COUNTERPARTY	2,500.0
1.3.883	NAMECOIN	2,500.0
1.3.884	STORJ	2,500.0
1.3.885	SYSCOIN	2,500.0
1.3.886	RADIUM	2,500.0
1.3.890	ETHER	2,500.0
1.3.891	YBCOIN	2,500.0
1.3.892	XBTC	130,000.0
1.3.893	VPNCOIN	2,500.0
1.3.895	VOXEL	2,500.0
1.3.896	NXTCOIN	2,500.0
1.3.910	AGORAS	2,500.0
1.3.926	DASH	1,300.0
1.3.950	CAYMAN	0.0
1.3.957	YXCOIN	865,875.3
1.3.958	BTWTY	0.0
1.3.973	OPEN.STEEM	0.9



Asset ID	Symbol	Quantity
1.3.977	OPEN.LISK	0.7
1.3.979	OPEN.DGD	0.0
1.3.985	ALTCAP.X	0.0
1.3.1006	ICOO	0.0
1.3.1010	SPIES	0.0
1.3.1022	LISK	1,300.9
1.3.1042	OPEN.USDT	0.1
1.3.1044	OPEN.MAID	1.2
1.3.1053	YINCOIN	3,666.6
1.3.1054	JINCOIN	3,669.0
1.3.1056	FIMK	187,430.2
1.3.1057	DIGIXDAO	3,669.0
1.3.1058	THEDAO	3,669.0
1.3.1059	EXPANSE	3,669.0
1.3.1060	WAVES	3,669.0
1.3.1064	OPEN.HEAT	76.3
1.3.1065	CRYPTOCEEDS	0.0
1.3.1070	OPEN.SBD	0.0
1.3.1079	OPEN.DEOS	0.4
1.3.1093	YOYOW	9.5
1.3.1140	ZCASH	0.0
1.3.1152	OPEN.GRC	4.0
1.3.1160	OPEN.GAME	0.1
1.3.1161	OPEN.INCNT	1.5
1.3.1181	KAPITAL	1.4
1.3.1196	OPEN.DCT	0.6
1.3.1209	OPEN.WAVES	0.4
1.3.1211	VIRGROW	0.0
1.3.1247	WANGCHANGE	13.1
1.3.1259	GOLOS	0.3
1.3.1267	GALLEON	0.0
1.3.1279	RADIX	3,669.0
1.3.1295	USDT	146.8
1.3.1296	MAID	146.8
1.3.1297	DEXCOIN	3,669.0
1.3.1301	ETH	587.1
1.3.1302	STEEMFACTORY	293.5
1.3.1317	ZCOIN	0.0
1.3.1325	RUBLE	1.5
1.3.1327	LEOBUZZ	3,102.8
1.3.1331	IOU.BCS	3,675.4
1.3.1345	TRUMPSUCKS	0.2
1.3.1347	EVETAB	4.2
1.3.1352	QORA	1.8
1.3.1353	OPEN.EXCL	0.2

Table 489. Fees collected by blockchain during 2017-04 for limit order cancel operation

Asset ID	Symbol	Quantity
1.3.0	BTS	16,302.7
1.3.103	BTC	0.0
1.3.105	SILVER	0.0
1.3.106	GOLD	0.0
1.3.113	CNY	0.2
1.3.118	GBP	0.0
1.3.120	EUR	0.0
1.3.121	USD	0.0
1.3.562	OBITS	0.0
1.3.569	OPENBTC	0.0
1.3.585	QBITS	3.7
1.3.590	OPENMUSE	0.1
1.3.609	IOU.CNY	0.0
1.3.629	IOU.ABC	0.0
1.3.746	ANTSHARE	0.0
1.3.757	OPEN.USD	0.0
1.3.822	COMPUCEEDS	0.0
1.3.850	OPEN.ETH	0.0
1.3.858	OPEN.DASH	0.0
1.3.859	OPEN.LTC	0.0
1.3.861	OPEN.BTC	0.0
1.3.958	BTWTY	0.0
1.3.970	FUNC	0.0
1.3.973	OPEN.STEEM	0.0
1.3.979	OPEN.DGD	0.0
1.3.998	WETSTOCK	0.0
1.3.1006	ICOO	0.0
1.3.1010	SPIES	0.0
1.3.1041	OPEN.OMNI	0.0
1.3.1042	OPEN.USDT	0.0
1.3.1056	FIMK	0.1
1.3.1064	OPEN.HEAT	1.2
1.3.1070	OPEN.SBD	0.0
1.3.1093	YOYOW	0.7
1.3.1139	NIHAO	0.0
1.3.1140	ZCASH	0.0
1.3.1152	OPEN.GRC	0.0
1.3.1161	OPEN.INCNT	0.0
1.3.1181	KAPITAL	0.0
1.3.1196	OPEN.DCT	0.0
1.3.1214	TRAIL	0.0
1.3.1286	KEEPCOIN	0.0
1.3.1317	ZCOIN	0.0
1.3.1318	LILWANGS	0.0



Asset ID	Symbol	Quantity
1.3.1331	IOU.BCS	0.0
1.3.1347	EVETAB	0.1
1.3.1352	QORA	0.0

Table 490. Fees collected by blockchain during 2017-04 for call order update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	320.8

Table 491. Fees collected by blockchain during 2017-04 for account create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	176,501.7

Table 492. Fees collected by blockchain during 2017-04 for account update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	205.4
1.3.113	CNY	0.0
1.3.562	OBITS	0.0
1.3.569	OPENBTC	0.0
1.3.850	OPEN.ETH	0.0
1.3.1064	OPEN.HEAT	2.1
1.3.1236	MONEDAPAR	0.1
1.3.1290	BBBAA	3.0

Table 493. Fees collected by blockchain during 2017-04 for account whitelisting operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,027.3

Table 494. Fees collected by blockchain during 2017-04 for account upgrade operation

Asset ID	Symbol	Quantity
1.3.0	BTS	422,678.8
1.3.113	CNY	1,608.9

Table 495. Fees collected by blockchain during 2017-04 for asset create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,973,983.7

Table 496. Fees collected by blockchain during 2017-04 for asset update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	25,587.6

Table 497. Fees collected by blockchain during 2017-04 for asset update BitAsset operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,935.3

Table 498. Fees collected by blockchain during 2017-04 for asset update feed producers operation

Asset ID	Symbol	Quantity
1.3.0	BTS	5,136.7

Table 499. Fees collected by blockchain during 2017-04 for asset issue operation

Asset ID	Symbol	Quantity
1.3.0	BTS	666.9

Table 500. Fees collected by blockchain during 2017-04 for asset reserve operation

Asset ID	Symbol	Quantity
1.3.0	BTS	0.7

Table 501. Fees collected by blockchain during 2017-04 for asset fund fee pool operation

Asset ID	Symbol	Quantity
1.3.0	BTS	807.2

Table 502. Fees collected by blockchain during 2017-04 for asset settle operation

Asset ID	Symbol	Quantity
1.3.0	BTS	528.3

Table 503. Fees collected by blockchain during 2017-04 for asset publish feed operation

Asset ID	Symbol	Quantity
1.3.0	BTS	5,823.4

Table 504. Fees collected by blockchain during 2017-04 for witness create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	36,690.9

Table 505. Fees collected by blockchain during 2017-04 for witness update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	47.0

Table 506. Fees collected by blockchain during 2017-04 for proposal create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	7,939.1



Table 507. Fees collected by blockchain during 2017-04 for proposal update operation

Asset ID	Symbol	Quantity
1.3.0	BTS	516.1

Table 508. Fees collected by blockchain during 2017-04 for committee member create operation

Asset ID	Symbol	Quantity
1.3.0	BTS	1,467.6

Table 509. Fees collected by blockchain during 2017-04 for vesting balance withdrawal operation

Asset ID	Symbol	Quantity
1.3.0	BTS	33,462.1

Table 510. Fees collected by blockchain during 2017-04 for custom operation

Asset ID	Symbol	Quantity
1.3.0	BTS	4.4

Table 511. Fees collected by blockchain during 2017-04 for override transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	9,686.4

Table 512. Fees collected by blockchain during 2017-04 for transfer to blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	92.5

Table 513. Fees collected by blockchain during 2017-04 for blind transfer operation

Asset ID	Symbol	Quantity
1.3.0	BTS	15.0

Table 514. Fees collected by blockchain during 2017-04 for transfer from blind operation

Asset ID	Symbol	Quantity
1.3.0	BTS	30.8

Table 515. Fees collected by blockchain during 2017-04 for asset claim fees operation

Asset ID	Symbol	Quantity
1.3.0	BTS	2,348.2

Fees Collected During 2017-05

Table 516. Fees collected by blockchain during 2017-05 for transfer operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	45,829.0	67062.56
1.3.103	BTC	4.0	1.58E-04
1.3.105	SILVER	18.0	0.08
1.3.106	GOLD	1.0	3.60E-05
1.3.113	CNY	524.0	297.13
1.3.120	EUR	1.0	0.08
1.3.121	USD	108.0	8.86
1.3.350	TRADE.BTC	4.0	8.85E-05
1.3.562	OBITS	128.0	7.19
1.3.569	OPENBTC	52.0	8.69E-04
1.3.585	QBITS	10.0	4014.86
1.3.609	IOU.CNY	85.0	54.65
1.3.734	TCNY	1.0	0.04
1.3.757	OPEN.USD	3.0	0.03
1.3.766	OPEN.EUR	1.0	0.01
1.3.776	OPENPOS	1.0	0.06
1.3.822	COMPUCEDS	266.0	0.46
1.3.826	OPENBKS	1.0	8.00E-04
1.3.850	OPEN.ETH	190.0	0.18
1.3.855	OPEN.NBT	23.0	0.08
1.3.858	OPEN.DASH	29.0	0.07
1.3.859	OPEN.LTC	48.0	0.33
1.3.861	OPEN.BTC	886.0	0.02
1.3.907	WECHAT	49.0	64.01
1.3.921	CASH.USD	17.0	1.16
1.3.946	KITTY	1.0	139.41
1.3.958	BTWTY	1.0	1.00E-05
1.3.970	FUNC	270.0	27.46
1.3.973	OPEN.STEEM	78.0	11.44
1.3.977	OPEN.LISK	4.0	5.54
1.3.979	OPEN.DGD	9.0	0.01
1.3.1006	ICOO	2.0	0.02
1.3.1010	SPIES	93.0	0.52
1.3.1041	OPEN.OMNI	2.0	0.14
1.3.1042	OPEN.USDT	35.0	0.54
1.3.1044	OPEN.MAID	5.0	6.97
1.3.1046	OPEN.AMP	6.0	12.11
1.3.1064	OPEN.HEAT	8.0	109.86
1.3.1069	OPEN.ARDR	9.0	11.76
1.3.1070	OPEN.SBD	11.0	0.31
1.3.1077	ETHWAR	1.0	1.37
1.3.1080	FAISAL	1.0	1.39
1.3.1081	ETCOIN	1.0	0.03



Asset ID	Symbol	# Operations	Fee Total
1.3.1094	HOTHEART	2.0	5.23
1.3.1102	HONEYCOIN	1.0	1.37
1.3.1152	OPEN.GRC	7.0	11.18
1.3.1160	OPEN.GAME	8.0	5.53
1.3.1161	OPEN.INCNT	22.0	11.18
1.3.1181	KAPITAL	72.0	6.74
1.3.1209	OPEN.WAVES	3.0	4.18
1.3.1224	STEEEMP	3.0	0.13
1.3.1229	SAVETHEPLANET	12.0	18.71
1.3.1236	MONEDAPAR	81.0	41.33
1.3.1247	WANGCHANGE	26.0	36.39
1.3.1267	GALLEON	2.0	0
1.3.1276	WHALESHARE	19.0	98
1.3.1286	KEEPCOIN	2.0	2.77
1.3.1317	ZCOIN	1.0	0.03
1.3.1318	LILWANGS	3.0	5.64
1.3.1325	RUBLE	151.0	791.73
1.3.1329	NECTAR	1.0	1.37
1.3.1331	IOU.BCS	11.0	27.5
1.3.1345	TRUMPSUCKS	12.0	17.06
1.3.1347	EVETAB	7.0	0.7
1.3.1359	TATCHCOIN	3.0	0.02
1.3.1361	MYCOIN	1.0	1.38
1.3.1363	SBUZZ	2.0	2.8
1.3.1368	TOKENOFTOKENS	4.0	0
1.3.1374	ZAPPL	1.0	0.01
1.3.1375	MEGATILT	3.0	3.93
1.3.1388	OPEN.ETP	10.0	0.55
1.3.1389	ZENGOLD	3.0	4

Table 517. Fees collected by blockchain during 2017-05 for limit order create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	4,358,344.0	337595.38
1.3.103	BTC	18.0	3.64E-05
1.3.105	SILVER	6.0	0
1.3.106	GOLD	12.0	3.60E-05
1.3.113	CNY	2,420.0	75.44
1.3.120	EUR	3.0	0.01
1.3.121	USD	1,113.0	5.09
1.3.350	TRADE.BTC	4.0	0.02
1.3.397	ALTFUND	2.0	99.45
1.3.562	OBITS	299.0	20.37
1.3.569	OPENBTC	1.0	9.10E-07
1.3.578	OPENDOGE	2.0	4.84
1.3.585	QBITS	4.0	91.11
1.3.599	TRADE.MUSE	1.0	0.73

Asset ID	Symbol	# Operations	Fee Total
1.3.609	IOU.CNY	275.0	9.16
1.3.628	BRICS	1.0	7.26
1.3.734	TCNY	1.0	99.76
1.3.757	OPEN.USD	9.0	0.09
1.3.766	OPEN.EUR	35.0	0.35
1.3.822	COMPUCEDS	142.0	1.71
1.3.843	FEDEV	1.0	0.08
1.3.850	OPEN.ETH	381.0	0.02
1.3.856	OPEN.NSR	1.0	4779.42
1.3.858	OPEN.DASH	42.0	0.01
1.3.859	OPEN.LTC	52.0	0.02
1.3.861	OPEN.BTC	3,496.0	0
1.3.897	BTCPLUS	1.0	7.26E-06
1.3.898	AUKSINAS	2.0	0.06
1.3.904	STAMP	1.0	2500
1.3.905	COIN	1.0	130000
1.3.906	CHINA	1.0	2500
1.3.909	METAL	1.0	2500
1.3.950	CAYMAN	2.0	0.99
1.3.958	BTWTY	10.0	1.00E-04
1.3.970	FUNC	33.0	0.17
1.3.973	OPEN.STEEM	130.0	1.06
1.3.977	OPEN.LISK	1.0	0.07
1.3.978	LEDGER	1.0	3669.15
1.3.979	OPEN.DGD	4.0	2.90E-04
1.3.980	FIMKRYPTO	1.0	725.6
1.3.999	DRYSTOCK	1.0	2.00E-04
1.3.1006	ICOO	227.0	0.16
1.3.1010	SPIES	12.0	0
1.3.1042	OPEN.USDT	81.0	0.06
1.3.1044	OPEN.MAID	17.0	1.38
1.3.1046	OPEN.AMP	1.0	0.07
1.3.1056	FIMK	8.0	220269.64
1.3.1064	OPEN.HEAT	49.0	39.26
1.3.1065	CRYPTOCEEDS	1.0	1.00E-04
1.3.1069	OPEN.ARDR	2.0	0.15
1.3.1070	OPEN.SBD	130.0	0.2
1.3.1077	ETHWAR	4.0	0.29
1.3.1079	OPEN.DEOS	4.0	0.59
1.3.1093	YOYOW	14.0	10.16
1.3.1094	HOTHEART	1.0	2291.79
1.3.1098	JESUS	1.0	0
1.3.1139	NIHAO	1.0	0.07
1.3.1152	OPEN.GRC	58.0	2000.52
1.3.1160	OPEN.GAME	16.0	0.58
1.3.1161	OPEN.INCNT	43.0	1.27



Asset ID	Symbol	# Operations	Fee Total
1.3.1181	KAPITAL	217.0	1.09
1.3.1184	OPEN.NXC	7.0	0.51
1.3.1188	HEMPSWEET	5.0	1.64
1.3.1196	OPEN.DCT	4.0	0.36
1.3.1200	TREISM	2.0	54.97
1.3.1209	OPEN.WAVES	74.0	8.86
1.3.1211	VIRGROW	1.0	1.19
1.3.1224	STEEMP	1.0	0
1.3.1229	SAVETHEPLANET	2.0	71.76
1.3.1247	WANGCHANGE	157.0	13.68
1.3.1259	GOLOS	7.0	534.91
1.3.1267	GALLEON	5.0	3.63E-04
1.3.1274	PPBITS	2.0	72
1.3.1300	WANGCENTS	2.0	30
1.3.1302	STEEMFACTORY	6.0	435.36
1.3.1316	STEEMBOOST	1.0	36.59
1.3.1317	ZCOIN	1.0	43.74
1.3.1325	RUBLE	436.0	3793.64
1.3.1347	EVETAB	6.0	13
1.3.1349	ADSXU	3.0	0.22
1.3.1352	QORA	25.0	1.58
1.3.1353	OPEN.EXCL	17.0	0.14
1.3.1355	VIVACOIN	3.0	0
1.3.1357	OPEN.NUSHARES	1.0	73.38
1.3.1359	TATCHCOIN	3.0	0
1.3.1361	MYCOIN	2.0	3665
1.3.1362	HERO	1.0	4.00E-05
1.3.1363	SBUZZ	5.0	1800.29
1.3.1368	TOKENOFTOKENS	6.0	9.00E-05
1.3.1374	ZAPPL	3.0	18.13
1.3.1375	MEGATILT	16.0	1436.12
1.3.1385	CRECE	2.0	0.15
1.3.1386	ADXDU	2.0	1810
1.3.1389	ZENGOLD	88.0	6.39
1.3.1392	NESLV	2.0	0.15

Table 518. Fees collected by blockchain during 2017-05 for limit order cancel operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	3,755,113.0	28906.72
1.3.103	BTC	9.0	1.88E-06
1.3.105	SILVER	9.0	9.00E-04
1.3.106	GOLD	7.0	7.00E-06
1.3.110	RUB	1.0	1.00E-04
1.3.113	CNY	520.0	1.68
1.3.120	EUR	8.0	0
1.3.121	USD	253.0	0.13

Asset ID	Symbol	# Operations	Fee Total
1.3.350	TRADE.BTC	3.0	3.00E-07
1.3.562	OBITS	100.0	0.03
1.3.569	OPENBTC	5.0	5.00E-07
1.3.585	QBITS	3.0	5.44
1.3.590	OPENMUSE	2.0	0.07
1.3.609	IOU.CNY	73.0	0.27
1.3.614	GSTAMP	1.0	0.01
1.3.628	BRICS	4.0	2.9
1.3.658	FISTBUMP	2.0	0.02
1.3.659	OPENSESAME	1.0	0.01
1.3.746	ANTSHARE	7.0	0
1.3.757	OPEN.USD	5.0	0.05
1.3.758	GAMEBET	2.0	0.01
1.3.822	COMPUCEDS	25.0	0
1.3.825	IOU.LUCKY	1.0	0.01
1.3.839	SHAREBIT	1.0	1.00E-04
1.3.849	BTSR	1.0	4.00E-04
1.3.850	OPEN.ETH	143.0	7.30E-04
1.3.854	OPEN.MUSE	1.0	0.04
1.3.857	OPEN.PPC	2.0	1.45E-04
1.3.858	OPEN.DASH	23.0	2.78E-04
1.3.859	OPEN.LTC	28.0	0
1.3.860	OPEN.DOGE	2.0	0.48
1.3.861	OPEN.BTC	580.0	7.86E-05
1.3.897	BTCPLUS	1.0	7.30E-07
1.3.933	MKR	2.0	2.00E-05
1.3.958	BTWTY	6.0	6.00E-05
1.3.970	FUNC	24.0	0.01
1.3.973	OPEN.STEEM	34.0	0.04
1.3.977	OPEN.LISK	25.0	0.18
1.3.979	OPEN.DGD	4.0	2.90E-05
1.3.1006	ICOO	1.0	1.00E-04
1.3.1010	SPIES	4.0	4.00E-04
1.3.1042	OPEN.USDT	12.0	0
1.3.1064	OPEN.HEAT	4.0	0.29
1.3.1069	OPEN.ARDR	1.0	0.01
1.3.1070	OPEN.SBD	9.0	0
1.3.1072	BLOCKPAY	1.0	3.00E-04
1.3.1152	OPEN.GRC	5.0	0.04
1.3.1160	OPEN.GAME	1.0	0
1.3.1161	OPEN.INCNT	4.0	0.01
1.3.1181	KAPITAL	44.0	0.02
1.3.1184	OPEN.NXC	1.0	0.01
1.3.1209	OPEN.WAVES	1.0	0.01
1.3.1229	SAVETHEPLANET	14.0	0.11
1.3.1259	GOLOS	1.0	0.01



Asset ID	Symbol	# Operations	Fee Total
1.3.1267	GALLEON	2.0	2.93E-05
1.3.1302	STEEMFACTORY	1.0	7.25
1.3.1317	ZCOIN	4.0	4.38E-04
1.3.1318	LILWANGS	5.0	0.05
1.3.1325	RUBLE	238.0	6.88
1.3.1331	IOU.BCS	1.0	0.09
1.3.1361	MYCOIN	1.0	0.01
1.3.1368	TOKENOFTOKENS	1.0	2.00E-06
1.3.1374	ZAPPL	2.0	0
1.3.1389	ZENGOLD	5.0	0.04

Table 519. Fees collected by blockchain during 2017-05 for call order update operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	9,079.0	694.98
1.3.1077	ETHWAR	1.0	0.07

Table 520. Fees collected by blockchain during 2017-05 for account create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	22,030.0	199250

Table 521. Fees collected by blockchain during 2017-05 for account update operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	1,228.0	161.65
1.3.113	CNY	1.0	0.08
1.3.121	USD	2.0	0.01
1.3.562	OBITS	1.0	0.01
1.3.609	IOU.CNY	2.0	0.16
1.3.861	OPEN.BTC	1.0	1.70E-06
1.3.1236	MONEDAPAR	4.0	0.24

Table 522. Fees collected by blockchain during 2017-05 for account whitelisting operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	158.0	1294.99

Table 523. Fees collected by blockchain during 2017-05 for account upgrade operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	59.0	567213.7

Table 524. Fees collected by blockchain during 2017-05 for asset create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	32.0	272467.59

Table 525. Fees collected by blockchain during 2017-05 for asset update operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	63.0	9761

Table 526. Fees collected by blockchain during 2017-05 for asset update BitAsset operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	2.0	725.7

Table 527. Fees collected by blockchain during 2017-05 for asset issue operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	179.0	263.99

Table 528. Fees collected by blockchain during 2017-05 for asset reserve operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	16.0	1.38

Table 529. Fees collected by blockchain during 2017-05 for asset fund fee pool operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	8.0	290.28

Table 530. Fees collected by blockchain during 2017-05 for asset settle operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	245.0	948.33

Table 531. Fees collected by blockchain during 2017-05 for asset publish feed operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	825,908.0	6361.3

Table 532. Fees collected by blockchain during 2017-05 for witness update operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	141.0	113.45

Table 533. Fees collected by blockchain during 2017-05 for proposal create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	786.0	9745.83

Table 534. Fees collected by blockchain during 2017-05 for proposal update operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	1,426.0	596.32



Table 535. Fees collected by blockchain during 2017-05 for vesting balance withdrawal operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	182.0	28641.22

Table 536. Fees collected by blockchain during 2017-05 for custom operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	1.0	1.02
1.3.1236	MONEDAPAR	5.0	5.85

Table 537. Fees collected by blockchain during 2017-05 for assert operation

Asset ID	Symbol	# Operations	Fee Total
1.3.113	CNY	1.0	9.14
1.3.861	OPEN.BTC	8.0	0

Table 538. Fees collected by blockchain during 2017-05 for override transfer operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	1.0	72.62

Table 539. Fees collected by blockchain during 2017-05 for transfer to blind operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	8.0	177.8

Table 540. Fees collected by blockchain during 2017-05 for blind transfer operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	5.0	75
1.3.1325	RUBLE	2.0	138.91

Table 541. Fees collected by blockchain during 2017-05 for transfer from blind operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	3.0	45.72
1.3.1325	RUBLE	1.0	70.29

Table 542. Fees collected by blockchain during 2017-05 for asset claim fees operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	28.0	2180.34

Fees Collected During 2017-06

Table 543. Fees collected by blockchain during 2017-06 for transfer operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	102734	23,649.4

Asset ID	Symbol	# Operations	Fee Total
1.3.103	BTC	4	0.0
1.3.105	SILVER	41	0.1
1.3.106	GOLD	1	0.0
1.3.113	CNY	2224	1,007.2
1.3.120	EUR	2	0.0
1.3.121	USD	263	16.3
1.3.349	TRADE.LTC	1	0.0
1.3.418	NEWBIE	16	36.5
1.3.562	OBITS	152	1.3
1.3.566	OCASH	1	0.0
1.3.585	QBITS	5	289.3
1.3.609	IOU.CNY	61	14.8
1.3.619	USDTR	2	0.4
1.3.626	SANDWICH	1	0.0
1.3.659	OPENSESAME	10	2.3
1.3.670	MEGUSTA	1	0.0
1.3.715	CREDO	1	0.2
1.3.734	TCNY	1	0.0
1.3.743	STEALTH	1	0.0
1.3.757	OPEN.USD	16	0.2
1.3.776	OPENPOS	2	0.0
1.3.822	COMPUCEEDS	253	0.1
1.3.825	IOU.LUCKY	1	0.2
1.3.842	EDEV	60	1.8
1.3.849	BTSR	3	0.0
1.3.850	OPEN.ETH	303	0.0
1.3.855	OPEN.NBT	27	0.0
1.3.858	OPEN.DASH	66	0.0
1.3.859	OPEN.LTC	101	0.1
1.3.861	OPEN.BTC	1462	0.0
1.3.872	KOKADUKATS	1	0.0
1.3.907	WECHAT	25	5.5
1.3.921	CASH.USD	1	0.1
1.3.958	BTWTY	7	0.0
1.3.970	FUNC	86	1.3
1.3.973	OPEN.STEEM	76	1.8
1.3.977	OPEN.LISK	19	4.4
1.3.979	OPEN.DGD	27	0.0
1.3.986	TRUMP	2	0.0
1.3.994	JINBI	69	7.6
1.3.1004	BLOCKAR	7	1.6
1.3.1006	ICOO	5	0.0
1.3.1010	SPIES	344	0.3
1.3.1011	TRADE.USDLABOR	3	0.7
1.3.1018	TRANS.DAO	1	0.0
1.3.1020	OPEN.MKR	1	0.2



Asset ID	Symbol	# Operations	Fee Total
1.3.1022	LISK	2	0.5
1.3.1041	OPEN.OMNI	4	0.0
1.3.1042	OPEN.USDT	103	0.2
1.3.1044	OPEN.MAID	32	7.4
1.3.1046	OPEN.AMP	4	0.9
1.3.1048	BIBAO	1	0.0
1.3.1064	OPEN.HEAT	1	2.3
1.3.1070	OPEN.SBD	4	0.0
1.3.1077	ETHWAR	1	0.2
1.3.1092	REALITY	7	0.2
1.3.1109	YYBTS	2	447.9
1.3.1152	OPEN.GRC	18	4.2
1.3.1160	OPEN.GAME	8	0.9
1.3.1161	OPEN.INCNT	9	0.6
1.3.1181	KAPITAL	24	0.3
1.3.1184	OPEN.NXC	4	0.9
1.3.1205	OBITS.WARRANT	38	0.6
1.3.1209	OPEN.WAVES	9	2.0
1.3.1229	SAVETHEPLANET	7	1.6
1.3.1236	MONEDAPAR	50	4.5
1.3.1247	WANGCHANGE	4	1.0
1.3.1262	ALTCAP.XDR	1	0.1
1.3.1264	WHALESHARES	45	53.6
1.3.1267	GALLEON	2	0.0
1.3.1276	WHALESHARE	265	265.0
1.3.1281	APPX.WARRANT	4	0.0
1.3.1318	LILWANGS	7	1.7
1.3.1325	RUBLE	96	349.0
1.3.1331	IOU.BCS	2	5.1
1.3.1345	TRUMPSUCKS	6	1.3
1.3.1352	QORA	16	2.7
1.3.1353	OPEN.EXCL	6	0.2
1.3.1356	TRUMPRULES	1	0.2
1.3.1357	OPEN.NUSHARES	2	233.2
1.3.1359	TATCHCOIN	18	0.0
1.3.1361	MYCOIN	3	0.7
1.3.1362	HERO	6	0.0
1.3.1363	SBUZZ	48	11.2
1.3.1368	TOKENOFTOKENS	14	0.0
1.3.1381	PATAGON	1	0.0
1.3.1388	OPEN.ETP	22	0.2
1.3.1389	ZENGOLD	16	3.7
1.3.1405	KARMAKOIN	3	0.0
1.3.1406	OPEN.ZGC	60	13.9
1.3.1411	OPEN.GOLOS	12	2.1
1.3.1412	OPEN.GBG	15	4.1

Asset ID	Symbol	# Operations	Fee Total
1.3.1413	OCT	33	13.4
1.3.1437	ONECHAT	2	0.5
1.3.1451	MVS.ZENDAO	3	3.0
1.3.1454	BEYONDBIT	4	8.0
1.3.1461	BALCOIN	1	0.2

Table 544. Fees collected by blockchain during 2017-06 for limit order create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	4486507	54,436.0
1.3.103	BTC	21	0.0
1.3.105	SILVER	17	0.0
1.3.106	GOLD	9	0.0
1.3.113	CNY	11252	278.2
1.3.120	EUR	15	0.0
1.3.121	USD	2498	7.9
1.3.138	FUND	11	99,718,109.0
1.3.349	TRADE.LTC	1	0.0
1.3.350	TRADE.BTC	2	0.0
1.3.418	NEWBIE	14	2.8
1.3.556	BOND.CNY	1	43.0
1.3.562	OBITS	476	0.2
1.3.569	OPENBTC	4	0.0
1.3.585	QBITS	12	36.4
1.3.599	TRADE.MUSE	3	0.2
1.3.609	IOU.CNY	415	6,094.8
1.3.619	USDTR	4	2,433.0
1.3.626	SANDWICH	9	23.3
1.3.627	REPUBLIC	1	255.0
1.3.628	BRICS	2	2.4
1.3.659	OPENSESAME	1	88.0
1.3.669	PROFIT	2	576.0
1.3.679	BLOCK	1	299.0
1.3.696	TOKEN	1	300.0
1.3.708	TWEET	1	15.8
1.3.715	CREDO	1	2,444.0
1.3.732	ORBIT	1	2,399.0
1.3.754	SWIFT	1	2,499.9
1.3.757	OPEN.USD	5	8.5
1.3.766	OPEN.EUR	27	2.8
1.3.773	CALORIE	1	4,845.7
1.3.776	OPENPOS	1	71.5
1.3.787	BASKET	1	2,499.9
1.3.800	COPPERTICKET	1	397.3
1.3.802	PEWPS	6	7.3
1.3.806	GRAND	1	2.4
1.3.822	COMPUCEEDS	133	0.4



Asset ID	Symbol	# Operations	Fee Total
1.3.842	EDEV	7	14,442.6
1.3.849	BTSR	16	0.0
1.3.850	OPEN.ETH	470	0.2
1.3.855	OPEN.NBT	2	6.1
1.3.857	OPEN.PPC	6	0.0
1.3.858	OPEN.DASH	69	1.0
1.3.859	OPEN.LTC	128	2.3
1.3.860	OPEN.DOGE	1	0.4
1.3.861	OPEN.BTC	3722	0.0
1.3.897	BTPLUS	1	0.0
1.3.898	AUKSINAS	3	938.0
1.3.907	WECHAT	1	0.0
1.3.933	MKR	1	0.0
1.3.950	CAYMAN	1	0.0
1.3.956	BTPLUS	2	0.0
1.3.958	BTWTY	19	0.0
1.3.970	FUNC	18	182.3
1.3.973	OPEN.STEEM	195	172.3
1.3.975	LISKICO	1	50.0
1.3.977	OPEN.LISK	11	0.1
1.3.979	OPEN.DGD	23	12.8
1.3.985	ALTCAP.X	1	0.0
1.3.992	UNITEDSTATES	1	0.0
1.3.994	JINBI	1	1,607.9
1.3.1005	OPEN.DAO	1	0.0
1.3.1006	ICOO	286	1,321.8
1.3.1010	SPIES	39	6.1
1.3.1018	TRANS.DAO	1	0.0
1.3.1022	LISK	3	10.4
1.3.1041	OPEN.OMNI	1	0.0
1.3.1042	OPEN.USDT	62	35.0
1.3.1043	OPEN.AGRS	1	0.0
1.3.1044	OPEN.MAID	24	0.3
1.3.1048	BIBAO	7	0.0
1.3.1056	FIMK	24	571,831.8
1.3.1064	OPEN.HEAT	23	2.8
1.3.1068	OCEANIA	6	0.0
1.3.1070	OPEN.SBD	20	72.2
1.3.1074	BBPINGJI	1	0.0
1.3.1080	FAISAL	1	3,520.6
1.3.1085	JIJIN	1	3,669.2
1.3.1092	REALITY	26	406.6
1.3.1093	YOYOW	4	0.5
1.3.1094	HOTHEART	1	3,277.8
1.3.1098	JESUS	1	135.8
1.3.1102	HONEYCOIN	1	1,000.5

Asset ID	Symbol	# Operations	Fee Total
1.3.1108	PAYMASTER	1	3,668.0
1.3.1109	YYBTS	14	3,356,691.9
1.3.1139	NIHAO	1	0.0
1.3.1140	ZCASH	2	0.0
1.3.1152	OPEN.GRC	21	1,011.2
1.3.1160	OPEN.GAME	83	0.5
1.3.1161	OPEN.INCNT	23	911.5
1.3.1181	KAPITAL	62	138.7
1.3.1184	OPEN.NXC	2	0.0
1.3.1196	OPEN.DCT	2	0.0
1.3.1199	TASKMANAGER	1	0.0
1.3.1205	OBITS.WARRANT	40	0.0
1.3.1209	OPEN.WAVES	20	0.2
1.3.1214	TRAIL	3	0.0
1.3.1224	STEEMP	1	109.9
1.3.1229	SAVETHEPLANET	1	0.0
1.3.1238	VENOCOIN	1	0.0
1.3.1239	VENODOLAR	1	14.4
1.3.1247	WANGCHANGE	19	0.4
1.3.1263	TETHERUSD	1	0.0
1.3.1267	GALLEON	4	0.5
1.3.1276	WHALESHARE	20	20.0
1.3.1277	LEARNCOIN	2	9,934.0
1.3.1281	APPX.WARRANT	2	10.1
1.3.1282	JIYEBI	4	249.0
1.3.1302	STEEMFACTORY	4	48.5
1.3.1318	LILWANGS	1	7.0
1.3.1325	RUBLE	268	49.5
1.3.1329	NECTAR	42	3,666.5
1.3.1331	IOU.BCS	1	0.1
1.3.1343	NOFEE	1	0.0
1.3.1347	EVETAB	2	0.4
1.3.1352	QORA	38	67,317.0
1.3.1353	OPEN.EXCL	106	407.2
1.3.1355	VIVACOIN	2	36.6
1.3.1357	OPEN.NUSHARES	8	2,506.5
1.3.1358	RCOIN	1	96.9
1.3.1359	TATCHCOIN	6	18.3
1.3.1361	MYCOIN	11	0.1
1.3.1362	HERO	9	0.0
1.3.1368	TOKENOFTOKENS	3	0.3
1.3.1375	MEGATILT	2	374.0
1.3.1388	OPEN.ETP	40	0.0
1.3.1389	ZENGOLD	373	4.5
1.3.1392	NESLV	1	0.0
1.3.1399	ASKCOIN	1	303.0



Asset ID	Symbol	# Operations	Fee Total
1.3.1404	NIMSES	1	30,341.0
1.3.1405	KARMAKOIN	14	0.0
1.3.1406	OPEN.ZGC	18	0.2
1.3.1407	STEAK	1	300.0
1.3.1410	QTUM	1	40.0
1.3.1411	OPEN.GOLOS	25	120.1
1.3.1413	OCT	953	48,563.9
1.3.1415	KPL	36	1.3
1.3.1420	ADXCU	1	303.0
1.3.1423	ALPHA	2	0.0
1.3.1424	ACHAIN	1	0.0
1.3.1431	CHC	77	97,117.4
1.3.1432	DOLLHAIRS	1	303.4
1.3.1440	IOU.LOT	1	303.5
1.3.1451	MVS.ZENDAO	25	1.4
1.3.1460	RUNCOIN	1	21.0

Table 545. Fees collected by blockchain during 2017-06 for limit order cancel operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	3874562	4,688.2
1.3.103	BTC	23	0.0
1.3.105	SILVER	14	0.0
1.3.106	GOLD	16	0.0
1.3.113	CNY	2312	5.8
1.3.120	EUR	6	0.0
1.3.121	USD	651	0.3
1.3.562	OBITS	234	0.0
1.3.569	OPENBTC	13	0.0
1.3.585	QBITS	6	1.8
1.3.609	IOU.CNY	65	0.1
1.3.628	BRICS	1	0.1
1.3.629	IOU.ABC	5	0.0
1.3.640	MONEYCLUB	1	0.0
1.3.679	BLOCK	2	0.0
1.3.734	TCNY	1	0.0
1.3.746	ANTSHARE	27	0.0
1.3.757	OPEN.USD	4	0.0
1.3.758	GAMEBET	1	0.0
1.3.766	OPEN.EUR	1	0.0
1.3.790	TRADE.DOGE	1	0.0
1.3.822	COMPUCEEDS	27	0.0
1.3.842	EDEV	3	0.0
1.3.849	BTSR	5	0.0
1.3.850	OPEN.ETH	142	0.0
1.3.854	OPEN.MUSE	2	0.0
1.3.855	OPEN.NBT	5	0.0

Asset ID	Symbol	# Operations	Fee Total
1.3.858	OPEN.DASH	48	0.0
1.3.859	OPEN.LTC	35	0.0
1.3.860	OPEN.DOGE	5	0.2
1.3.861	OPEN.BTC	583	0.0
1.3.898	AUKSINAS	1	0.0
1.3.907	WECHAT	3	0.0
1.3.933	MKR	1	0.0
1.3.958	BTWTY	10	0.0
1.3.969	GCSWI	2	4.8
1.3.970	FUNC	5	0.0
1.3.973	OPEN.STEEM	16	0.0
1.3.977	OPEN.LISK	26	0.0
1.3.979	OPEN.DGD	1	0.0
1.3.985	ALTCAP.X	1	0.0
1.3.987	CLINTON	1	121.0
1.3.1006	ICOO	10	0.0
1.3.1010	SPIES	13	0.0
1.3.1022	LISK	1	0.0
1.3.1042	OPEN.USDT	16	0.0
1.3.1044	OPEN.MAID	8	0.0
1.3.1068	OCEANIA	1	0.0
1.3.1070	OPEN.SBD	4	0.0
1.3.1092	REALITY	8	0.0
1.3.1093	YOYOW	1	0.0
1.3.1139	NIHAO	4	0.0
1.3.1152	OPEN.GRC	14	0.0
1.3.1161	OPEN.INCNT	13	0.0
1.3.1181	KAPITAL	10	0.0
1.3.1184	OPEN.NXC	15	0.0
1.3.1199	TASKMANAGER	8	0.0
1.3.1205	OBITS.WARRANT	5	0.0
1.3.1209	OPEN.WAVES	1	0.0
1.3.1214	TRAIL	1	0.0
1.3.1224	STEEMP	5	0.0
1.3.1229	SAVETHEPLANET	7	0.0
1.3.1259	GOLOS	6	0.0
1.3.1272	ETFBTC	9	0.0
1.3.1281	APPX.WARRANT	1	0.0
1.3.1302	STEEMFACTORY	1	1.2
1.3.1317	ZCOIN	9	0.0
1.3.1318	LILWANGS	2	0.0
1.3.1325	RUBLE	109	1.6
1.3.1327	LEOBUZZ	3	0.0
1.3.1329	NECTAR	1	0.0
1.3.1352	QORA	56	0.1
1.3.1353	OPEN.EXCL	3	0.0



Asset ID	Symbol	# Operations	Fee Total
1.3.1359	TATCHCOIN	1	0.0
1.3.1361	MYCOIN	5	0.0
1.3.1362	HERO	5	0.0
1.3.1388	OPEN.ETP	22	0.0
1.3.1389	ZENGOLD	20	0.0
1.3.1405	KARMAKOIN	4	0.0
1.3.1406	OPEN.ZGC	15	0.0
1.3.1411	OPEN.GOLOS	1	0.0
1.3.1412	OPEN.GBG	1	0.0
1.3.1413	OCT	92	0.2
1.3.1423	ALPHA	2	0.0
1.3.1431	CHC	3	0.0

Table 546. Fees collected by blockchain during 2017-06 for call order update operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	10651	129.2

Table 547. Fees collected by blockchain during 2017-06 for account create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	170113	222,016.7

Table 548. Fees collected by blockchain during 2017-06 for account update operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	921	18.3
1.3.113	CNY	5	0.2
1.3.121	USD	1	0.0
1.3.850	OPEN.ETH	1	0.0
1.3.861	OPEN.BTC	5	0.0
1.3.973	OPEN.STEEM	1	0.0

Table 549. Fees collected by blockchain during 2017-06 for account whitelisting operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	48	58.3

Table 550. Fees collected by blockchain during 2017-06 for account upgrade operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	171	249,106.1
1.3.113	CNY	1	3,357.2
1.3.859	OPEN.LTC	1	7.3

Table 551. Fees collected by blockchain during 2017-06 for asset create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	70	1,031,267.6

Table 552. Fees collected by blockchain during 2017-06 for asset update operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	74	1,799.6

Table 553. Fees collected by blockchain during 2017-06 for asset update BitAsset operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	1	60.7

Table 554. Fees collected by blockchain during 2017-06 for asset issue operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	145	32.2

Table 555. Fees collected by blockchain during 2017-06 for asset reserve operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	25	0.3

Table 556. Fees collected by blockchain during 2017-06 for asset fund fee pool operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	11	66.8

Table 557. Fees collected by blockchain during 2017-06 for asset settle operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	361	219.1

Table 558. Fees collected by blockchain during 2017-06 for asset publish feed operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	631580	764.2

Table 559. Fees collected by blockchain during 2017-06 for witness create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	1	607.0

Table 560. Fees collected by blockchain during 2017-06 for witness update operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	36	4.4

Table 561. Fees collected by blockchain during 2017-06 for proposal create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	666	1,319.6



Table 562. Fees collected by blockchain during 2017-06 for proposal update operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	991	62.1

Table 563. Fees collected by blockchain during 2017-06 for committee member create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	1	60.7

Table 564. Fees collected by blockchain during 2017-06 for vesting balance withdrawal operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	212	5,147.2

Table 565. Fees collected by blockchain during 2017-06 for worker create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	1	607.0

Table 566. Fees collected by blockchain during 2017-06 for custom operation

Asset ID	Symbol	# Operations	Fee Total
1.3.1236	MONEDAPAR	2	0.4

Table 567. Fees collected by blockchain during 2017-06 for override transfer operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	3	36.4

Table 568. Fees collected by blockchain during 2017-06 for transfer to blind operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	113	384.1

Table 569. Fees collected by blockchain during 2017-06 for blind transfer operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	119	1,785.0

Table 570. Fees collected by blockchain during 2017-06 for transfer from blind operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	113	288.1

Table 571. Fees collected by blockchain during 2017-06 for asset claim fees operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	32	388.5

Fees Collected During 2017-07

Table 572. Fees collected by blockchain during 2017-07 for transfer operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	52,147	11,998.3
1.3.103	BTC	8	0.0
1.3.105	SILVER	9	0.0
1.3.113	CNY	1,150	311.8
1.3.120	EUR	4	0.1
1.3.121	USD	152	5.8
1.3.350	TRADE.BTC	1	0.0
1.3.418	NEWBIE	19	46.0
1.3.562	OBITS	20	0.2
1.3.569	OPENBTC	10	0.0
1.3.658	FISTBUMP	1	0.2
1.3.670	MEGUSTA	1	0.0
1.3.734	TCNY	1	0.0
1.3.766	OPEN.EUR	1	0.0
1.3.799	SILVERTICKET	1	0.2
1.3.822	COMPUCEEDS	51	0.0
1.3.829	SUGAR	8	1.9
1.3.833	WTICRUDE	1	0.6
1.3.843	FEDEV	11	2.6
1.3.849	BTSR	2	0.0
1.3.850	OPEN.ETH	230	0.0
1.3.855	OPEN.NBT	10	0.0
1.3.858	OPEN.DASH	68	0.0
1.3.859	OPEN.LTC	99	0.1
1.3.860	OPEN.DOGE	3	23.3
1.3.861	OPEN.BTC	456	0.0
1.3.868	BOTFUND.USD	1	1.0
1.3.898	AUKSINAS	1	0.1
1.3.907	WECHAT	47	10.3
1.3.943	CADASTRAL	1	0.0
1.3.958	BTWTY	1	0.0
1.3.969	GCSWI	1	0.0
1.3.970	FUNC	18	0.3
1.3.973	OPEN.STEEM	37	0.9
1.3.976	CASH.BTC	1	0.0
1.3.977	OPEN.LISK	3	0.7
1.3.979	OPEN.DGD	2	0.0
1.3.1006	ICOOO	1	0.0
1.3.1007	NINJASOUL	25	116.0
1.3.1010	SPIES	526	10.4
1.3.1020	OPEN.MKR	1	0.2
1.3.1041	OPEN.OMNI	1	0.0
1.3.1043	OPEN.AGRS	1	0.2



Asset ID	Symbol	# Operations	Fee Total
1.3.1044	OPEN.MAID	14	3.2
1.3.1046	OPEN.AMP	3	0.7
1.3.1048	BIBAO	2,876	0.9
1.3.1064	OPEN.HEAT	11	25.5
1.3.1070	OPEN.SBD	4	0.0
1.3.1152	OPEN.GRC	2	0.5
1.3.1160	OPEN.GAME	3	0.3
1.3.1181	KAPITAL	25	0.3
1.3.1184	OPEN.NXC	7	1.6
1.3.1196	OPEN.DCT	1	0.2
1.3.1205	OBITS.WARRANT	1	0.0
1.3.1209	OPEN.WAVES	9	2.1
1.3.1229	SAVETHEPLANET	3	0.7
1.3.1236	MONEDAPAR	17	1.5
1.3.1276	WHALESHARE	279	279.0
1.3.1288	USDTETHERDEFI AULT	5	0.1
1.3.1325	RUBLE	31	59.7
1.3.1331	IOU.BCS	3	7.7
1.3.1352	QORA	38	6.5
1.3.1362	HERO	3	0.0
1.3.1381	PATAGON	3	0.0
1.3.1389	ZENGOLD	1	0.2
1.3.1399	ASKCOIN	1	0.2
1.3.1406	OPEN.ZGC	12	2.7
1.3.1411	OPEN.GOLOS	10	1.7
1.3.1412	OPEN.GBG	1	0.3
1.3.1413	OCT	5	1.7
1.3.1419	ADXWU	1	0.2
1.3.1439	PPY	1	2.2
1.3.1451	MVS.ZENDAO	1	1.1
1.3.1454	BEYOND BIT	76	152.0
1.3.1458	OPEN.PPY	9	0.1
1.3.1464	LZKJF	2	131.1
1.3.1467	BTBOXS	1	0.2
1.3.1473	CVCOIN	77	3.4
1.3.1479	COLOR	2	0.4
1.3.1498	AVERS	1	0.2
1.3.1523	NARWHALS	5	0.6
1.3.1538	RMB	3	1.1
1.3.1540	IOU.ETH	7	1.6
1.3.1552	GMBIT	1	0.2

Table 573. Fees collected by blockchain during 2017-07 for limit order create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	8,129,996	98,616.9

Asset ID	Symbol	# Operations	Fee Total
1.3.103	BTC	34	0.0
1.3.105	SILVER	14	0.0
1.3.106	GOLD	9	0.0
1.3.113	CNY	10,503	33,954.5
1.3.120	EUR	22	1,048.3
1.3.121	USD	1,555	3.3
1.3.138	FUND	1	606.5
1.3.350	TRADE.BTC	1	0.0
1.3.397	ALTFUND	1	0.5
1.3.562	OBITS	164	218.3
1.3.569	OPENBTC	2	0.0
1.3.585	QBITS	17	51.6
1.3.614	GSTAMP	2	593.2
1.3.626	SANDWICH	3	0.1
1.3.660	HIGHFIVE	1	9.0
1.3.757	OPEN.USD	4	2.4
1.3.766	OPEN.EUR	14	2.2
1.3.802	PEWPS	1	1.2
1.3.822	COMPUCEDS	24	0.0
1.3.835	SWALLOW	1	5.0
1.3.843	FEDEV	1	29.1
1.3.849	BTSR	13	8.8
1.3.850	OPEN.ETH	265	1.0
1.3.855	OPEN.NBT	3	0.4
1.3.857	OPEN.PPC	5	3.0
1.3.858	OPEN.DASH	32	0.0
1.3.859	OPEN.LTC	123	0.0
1.3.860	OPEN.DOGE	33	9,976.7
1.3.861	OPEN.BTC	793	0.2
1.3.908	WECHAT.PHUKET	4	2,500.0
1.3.933	MKR	1	0.0
1.3.943	CADASTRAL	6	1.8
1.3.956	BTPLUS	3	36.6
1.3.958	BTWTY	14	0.0
1.3.969	GCSWI	2	431.9
1.3.970	FUNC	9	1.1
1.3.972	TOYOTA	1	12.1
1.3.973	OPEN.STEEM	52	49.5
1.3.977	OPEN.LISK	4	0.0
1.3.979	OPEN.DGD	4	0.3
1.3.983	WORTHLESS	1	1,213.0
1.3.994	JINBI	2	193.6
1.3.1006	ICOO	57	0.0
1.3.1007	NINJASOUL	7	3,670.0
1.3.1010	SPIES	82	6.6
1.3.1042	OPEN.USDT	18	1.0



Asset ID	Symbol	# Operations	Fee Total
1.3.1044	OPEN.MAID	6	0.1
1.3.1046	OPEN.AMP	1	0.0
1.3.1064	OPEN.HEAT	30	3.6
1.3.1070	OPEN.SBD	3	10.0
1.3.1081	ETCOIN	18	41.3
1.3.1140	ZCASH	2	0.0
1.3.1152	OPEN.GRC	13	298.4
1.3.1160	OPEN.GAME	6	0.0
1.3.1181	KAPITAL	51	0.0
1.3.1184	OPEN.NXC	4	0.0
1.3.1196	OPEN.DCT	1	0.0
1.3.1205	OBITS.WARRANT	3	416.5
1.3.1209	OPEN.WAVES	14	0.2
1.3.1229	SAVETHEPLANET	1	9.9
1.3.1247	WANGCHANGE	3	0.1
1.3.1262	ALTCAP.XDR	7	330.4
1.3.1267	GALLEON	2	3.1
1.3.1275	HYBRID	1	14.7
1.3.1276	WHALESHARE	55	55.0
1.3.1282	JIYEBI	2	150.0
1.3.1302	STEEMFACTORY	1	12.1
1.3.1318	LILWANGS	1	3,629.3
1.3.1325	RUBLE	78	9.5
1.3.1329	NECTAR	67	0.8
1.3.1331	IOU.BCS	3	952.7
1.3.1343	NOFEE	1	0.0
1.3.1352	QORA	33	1,781.2
1.3.1353	OPEN.EXCL	13	33.3
1.3.1357	OPEN.NUSHARES	13	78.8
1.3.1361	MYCOIN	2	0.0
1.3.1362	HERO	31	0.0
1.3.1368	TOKENOFTOKENS	3	0.1
1.3.1388	OPEN.ETP	1	70.4
1.3.1389	ZENGOLD	37	1,795.4
1.3.1399	ASKCOIN	11	0.1
1.3.1405	KARMAKOIN	1	0.4
1.3.1406	OPEN.ZGC	8	287.9
1.3.1411	OPEN.GOLOS	23	105.4
1.3.1412	OPEN.GBG	6	353.7
1.3.1413	OCT	188	501.5
1.3.1415	KPL	44	1.6
1.3.1423	ALPHA	4	352.8
1.3.1439	PPY	3	0.0
1.3.1451	MVS.ZENDAO	17	700.9
1.3.1452	DNXTO	12	319.5
1.3.1454	BEYONDBIT	20	20.0

Asset ID	Symbol	# Operations	Fee Total
1.3.1458	OPEN.PPY	9	0.0
1.3.1460	RUNCOIN	3	54.9
1.3.1464	LZKJF	90	2,854.8
1.3.1465	LZKGF	6	5,101.5
1.3.1466	FRIEND	1	0.0
1.3.1467	BTBOXS	1	0.0
1.3.1472	BIKERCOIN	29	319.5
1.3.1473	CVCOIN	411	117.3
1.3.1474	CHAIN	2	0.0
1.3.1475	PEERCROWDFUND	3	0.3
1.3.1479	COLOR	6	303.1
1.3.1486	HAIRSHARE	1	303.5
1.3.1498	AVERS	109	303.3
1.3.1523	NARWHALS	21	151.2
1.3.1533	EBULLION	1	0.0
1.3.1537	GCSTT	14	0.0
1.3.1538	RMB	45	48,559.3
1.3.1540	IOU.ETH	1	301.9
1.3.1541	IOU.CYB	1	303.5
1.3.1542	IOU.EOS	1	303.5
1.3.1543	BUILDTTEAM	10	12.1
1.3.1545	CNYCOIN	1	0.0
1.3.1550	CRYPTOCADEMY	2	303.5
1.3.1552	GMBIT	1	108.9

Table 574. Fees collected by blockchain during 2017-07 for limit order cancel operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	7,557,922	9,145.1
1.3.103	BTC	7	0.0
1.3.105	SILVER	3	0.0
1.3.106	GOLD	3	0.0
1.3.113	CNY	1,319	2.0
1.3.120	EUR	17	0.0
1.3.121	USD	279	0.1
1.3.350	TRADE.BTC	2	0.0
1.3.418	NEWBIE	1	0.1
1.3.562	OBITS	19	0.0
1.3.569	OPENBTC	22	0.0
1.3.822	COMPUCEEDS	10	0.0
1.3.849	BTSR	1	0.0
1.3.850	OPEN.ETH	61	0.0
1.3.855	OPEN.NBT	4	0.0
1.3.857	OPEN.PPC	3	0.0
1.3.858	OPEN.DASH	121	0.0
1.3.859	OPEN.LTC	39	0.0



Asset ID	Symbol	# Operations	Fee Total
1.3.860	OPEN.DOGE	2	0.1
1.3.861	OPEN.BTC	88	0.0
1.3.888	BANX	1	0.0
1.3.907	WECHAT	1	0.0
1.3.943	CADASTRAL	2	0.0
1.3.958	BTWTY	19	0.0
1.3.970	FUNC	2	0.0
1.3.973	OPEN.STEEM	9	0.0
1.3.977	OPEN.LISK	3	0.0
1.3.979	OPEN.DGD	1	0.0
1.3.986	TRUMP	1	0.0
1.3.987	CLINTON	1	121.0
1.3.1006	ICOO	1	0.0
1.3.1007	NINJASOUL	1	0.0
1.3.1010	SPIES	22	0.0
1.3.1018	TRANS.DAO	2	0.0
1.3.1042	OPEN.USDT	3	0.0
1.3.1044	OPEN.MAID	2	0.0
1.3.1064	OPEN.HEAT	4	0.0
1.3.1070	OPEN.SBD	3	0.0
1.3.1081	ETCOIN	2	0.0
1.3.1085	JIJIN	4	0.0
1.3.1098	JESUS	3	0.0
1.3.1152	OPEN.GRC	3	0.0
1.3.1160	OPEN.GAME	3	0.0
1.3.1181	KAPITAL	2	0.0
1.3.1184	OPEN.NXC	5	0.0
1.3.1196	OPEN.DCT	2	0.0
1.3.1199	TASKMANAGER	3	0.0
1.3.1209	OPEN.WAVES	1	0.0
1.3.1229	SAVETHEPLANET	3	0.0
1.3.1262	ALTCAP.XDR	2	0.0
1.3.1263	TETHERUSD	1	0.0
1.3.1272	ETFBTC	17	0.0
1.3.1276	WHALESHARE	31	31.0
1.3.1288	USDTETHERDEFI AULT	1	0.0
1.3.1318	LILWANGS	4	0.0
1.3.1325	RUBLE	10	0.1
1.3.1352	QORA	271	0.2
1.3.1362	HERO	32	0.0
1.3.1363	SBUZZ	1	0.0
1.3.1375	MEGATILT	4	0.0
1.3.1406	OPEN.ZGC	15	0.0
1.3.1411	OPEN.GOLOS	3	0.0
1.3.1413	OCT	21	0.0
1.3.1415	KPL	1	0.0

Asset ID	Symbol	# Operations	Fee Total
1.3.1420	ADXCU	1	0.0
1.3.1431	CHC	2	0.0
1.3.1445	BLESS	1	0.0
1.3.1454	BEYONDBIT	2	2.0
1.3.1464	LZKJF	5	1.8
1.3.1473	CVCOIN	56	0.0
1.3.1523	NARWHALS	2	0.0
1.3.1538	RMB	6	0.0
1.3.1543	BUILDTEAM	2	0.2

Table 575. Fees collected by blockchain during 2017-07 for call order update operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	9,718	117.9

Table 576. Fees collected by blockchain during 2017-07 for account create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	19,307	30,701.9

Table 577. Fees collected by blockchain during 2017-07 for account update operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	576	10.8
1.3.113	CNY	7	0.2
1.3.822	COMPUCEEDS	2	0.0
1.3.850	OPEN.ETH	1	0.0
1.3.859	OPEN.LTC	1	0.0
1.3.1184	OPEN.NXC	1	0.0
1.3.1276	WHALESHARE	2	2.0
1.3.1473	CVCOIN	1	0.0

Table 578. Fees collected by blockchain during 2017-07 for account whitelisting operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	39	47.3

Table 579. Fees collected by blockchain during 2017-07 for account upgrade operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	110	160,243.7
1.3.113	CNY	1	1,144.4
1.3.850	OPEN.ETH	1	1.0
1.3.861	OPEN.BTC	2	0.2

Table 580. Fees collected by blockchain during 2017-07 for asset create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	106	375,725.8



Table 581. Fees collected by blockchain during 2017-07 for asset update operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	92	2,236.5

Table 582. Fees collected by blockchain during 2017-07 for asset update BitAsset operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	1	60.7

Table 583. Fees collected by blockchain during 2017-07 for asset issue operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	227	50.2

Table 584. Fees collected by blockchain during 2017-07 for asset reserve operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	83	1.0

Table 585. Fees collected by blockchain during 2017-07 for asset fund fee pool operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	41	248.9

Table 586. Fees collected by blockchain during 2017-07 for asset settle operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	198	120.2

Table 587. Fees collected by blockchain during 2017-07 for asset publish feed operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	880,185	1,065.0

Table 588. Fees collected by blockchain during 2017-07 for witness create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	2	1,214.0

Table 589. Fees collected by blockchain during 2017-07 for witness update operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	37	4.5

Table 590. Fees collected by blockchain during 2017-07 for proposal create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	453	901.7
1.3.1010	SPIES	1	0.2

Table 591. Fees collected by blockchain during 2017-07 for proposal update operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	653	40.9

Table 592. Fees collected by blockchain during 2017-07 for vesting balance withdrawal operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	148	3,593.3

Table 593. Fees collected by blockchain during 2017-07 for worker create operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	1	607.0

Table 594. Fees collected by blockchain during 2017-07 for override transfer operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	14	170.1

Table 595. Fees collected by blockchain during 2017-07 for transfer to blind operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	15	51.0

Table 596. Fees collected by blockchain during 2017-07 for blind transfer operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	11	165.0

Table 597. Fees collected by blockchain during 2017-07 for transfer from blind operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	6	15.3

Table 598. Fees collected by blockchain during 2017-07 for asset claim fees operation

Asset ID	Symbol	# Operations	Fee Total
1.3.0	BTS	41	497.7

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Table 599. Fees collected by blockchain during 2017-08 for transfer operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	57,517	13,131.8
1.3.103	BTC	5	0.0
1.3.113	CNY	1,531	345.0
1.3.118	GBP	1	0.0
1.3.120	EUR	2	0.1



1.3.121	USD	276	9.9
1.3.418	NEWBIE	17	41.2
1.3.562	OBITS	17	0.1
1.3.569	OPENBTC	14	0.0
1.3.585	QBITS	5	282.7
1.3.766	OPEN.EUR	3	0.2
1.3.850	OPEN.ETH	328	0.1
1.3.858	OPEN.DASH	57	0.0
1.3.859	OPEN.LTC	64	0.0
1.3.860	OPEN.DOGE	23	177.8
1.3.861	OPEN.BTC	979	0.0
1.3.898	AUKSINAS	2	0.2
1.3.907	WECHAT	3	0.7
1.3.958	BTWTY	1	0.0
1.3.970	FUNC	29	1.7
1.3.973	OPEN.STEEM	1	0.0
1.3.977	OPEN.LISK	9	2.1
1.3.982	BIKEJI	24	24.0
1.3.1004	BLOCKAR	1	0.2
1.3.1007	NINJASOUL	10	46.6
1.3.1010	SPIES	1,340	31.1
1.3.1013	RETAILSET	1	0.0
1.3.1041	OPEN.OMNI	1	0.0
1.3.1044	OPEN.MAID	13	3.0
1.3.1046	OPEN.AMP	1	0.2
1.3.1048	BIBAO	9,351	2.8
1.3.1050	JUBAO	24	0.0
1.3.1052	PPCNY	24	0.0
1.3.1064	OPEN.HEAT	3	7.0
1.3.1070	OPEN.SBD	32	1.0
1.3.1093	YOYOW	14	3.2
1.3.1152	OPEN.GRC	3	0.7
1.3.1160	OPEN.GAME	8	0.9
1.3.1181	KAPITAL	9	0.1
1.3.1184	OPEN.NXC	2	0.5
1.3.1196	OPEN.DCT	5	1.2
1.3.1209	OPEN.WAVES	13	3.0
1.3.1229	SAVETHEPLANE T	3	0.7
1.3.1236	MONEDAPAR	33	3.0
1.3.1247	WANGCHANGE	13	3.1
1.3.1264	WHALESHARES	13	15.6
1.3.1276	WHALESHARE	326	326.0
1.3.1288	USDTETHERDEF AULT	12	0.3
1.3.1325	RUBLE	45	108.4
1.3.1331	IOU.BCS	3	7.9
1.3.1352	QORA	31	5.4
1.3.1357	OPEN.NUSHARE	2	233.2

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1.3.1362	HERO	4	0.0
1.3.1406	OPEN.ZGC	6	1.3
1.3.1411	OPEN.GOLOS	1	0.2
1.3.1412	OPEN.GBG	4	1.1
1.3.1413	OCT	27	9.0
1.3.1415	KPL	60	41.6
1.3.1420	ADXCU	2	0.5
1.3.1439	PPY	101	0.6
1.3.1454	BEYONDBIT	121	242.0
1.3.1458	OPEN.PPY	50	0.3
1.3.1464	LZKJF	2	134.9
1.3.1465	LZKGF	1	6.6
1.3.1473	CVCOIN	41	1.9
1.3.1475	PEERCROWDFUND	1	0.3
1.3.1499	PRIZE	18	1.8
1.3.1538	RMB	37	17.1
1.3.1543	BUILDTEAM	6	1.4
1.3.1545	CNYCOIN	2	0.4
1.3.1549	LFNCOIN	95	23.1
1.3.1552	GMBIT	6	1.4
1.3.1555	VOICESHARE	9	2.1
1.3.1564	BRIDGE.BCO	39	23.4
1.3.1565	IPFS	3	0.1
1.3.1567	SMOKE	6	32.3
1.3.1568	ICLUB	20	0.2
1.3.1569	ORANGE	1	0.2
1.3.1570	BRIDGE.BTC	15	0.0
1.3.1573	INSPIRATION	1	0.2
1.3.1578	BADCOPIN	1	233.2
1.3.1581	VEN	1,226	217.8
1.3.1582	VEN.WARRANT	6	18.0
1.3.1588	ATMATRIX	8	6.3
1.3.1590	STRLT	1	0.2
1.3.1596	TRUMPCOIN	3	0.7
1.3.1599	HPB	9	1.1
1.3.1608	LOVESHARES	2	0.0
1.3.1617	QCNY	221	49.7
1.3.1626	ISHOPCOIN	1	0.2
1.3.1627	OPEN.MUSEOL	3	0.1
1.3.1631	BCDN	2	0.9
1.3.1635	IMIAO	5	0.5
1.3.1642	UTDEV	1	0.2

Table 600. Fees collected by blockchain during 2017-08 for limit order create operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	4,290,586	52,044.8



Asset ID	Symbol	# Ops	Fee Total
1.3.103	BTC	18	0.0
1.3.105	SILVER	15	0.0
1.3.106	GOLD	20	1.8
1.3.113	CNY	9,996	4,089.5
1.3.120	EUR	19	0.0
1.3.121	USD	1,066	2.1
1.3.397	ALTFUND	11	9.6
1.3.562	OBITS	152	148.3
1.3.585	QBITS	25	75.8
1.3.597	FREEBIE	2	125.0
1.3.614	GSTAMP	2	398.8
1.3.757	OPEN.USD	6	0.1
1.3.766	OPEN.EUR	18	0.7
1.3.850	OPEN.ETH	639	0.0
1.3.855	OPEN.NBT	20	0.0
1.3.857	OPEN.PPC	1	0.0
1.3.858	OPEN.DASH	47	0.0
1.3.859	OPEN.LTC	99	1.0
1.3.860	OPEN.DOGE	51	166,484.9
1.3.861	OPEN.BTC	1,827	0.0
1.3.943	CADASTRAL	4	0.5
1.3.945	JPBIT.PT	4	100.0
1.3.956	BTSPLUS	1	0.0
1.3.958	BTWTY	18	0.0
1.3.970	FUNC	14	66.4
1.3.973	OPEN.STEEM	10	500.0
1.3.977	OPEN.LISK	24	0.3
1.3.985	ALTCAP.X	1	0.0
1.3.1007	NINJASOUL	22	5,436.5
1.3.1010	SPIES	120	0.2
1.3.1044	OPEN.MAID	14	0.2
1.3.1046	OPEN.AMP	2	240.3
1.3.1064	OPEN.HEAT	11	1.3
1.3.1070	OPEN.SBD	8	0.0
1.3.1074	BBPINGJI	1	0.0
1.3.1093	YOYOW	155	5,096.9
1.3.1140	ZCASH	1	0.0
1.3.1152	OPEN.GRC	33	1,000.4
1.3.1160	OPEN.GAME	13	0.1
1.3.1181	KAPITAL	13	0.0
1.3.1184	OPEN.NXC	1	0.0
1.3.1196	OPEN.DCT	3	0.0
1.3.1209	OPEN.WAVES	23	0.3
1.3.1228	FLASH	2	366.8
1.3.1247	WANGCHANGE	43	0.9
1.3.1262	ALTCAP.XDR	1	11.4

Asset ID	Symbol	# Ops	Fee Total
1.3.1275	HYBRID	5	0.0
1.3.1276	WHALESHARE	17	17.0
1.3.1288	USDTETHERDEF AULT	1	366.6
1.3.1302	STEEMFACTORY	1	12.1
1.3.1318	LILWANGS	2	0.0
1.3.1325	RUBLE	86	11.2
1.3.1329	NECTAR	53	0.6
1.3.1349	ADSXU	12	0.1
1.3.1352	QORA	31	17,354.8
1.3.1353	OPEN.EXCL	13	0.0
1.3.1357	OPEN.NUSHARE S	4	1,155.3
1.3.1358	RCOIN	1	1,110.0
1.3.1362	HERO	15	0.0
1.3.1368	TOKENOTOKE NS	1	0.0
1.3.1389	ZENGOLD	1	0.0
1.3.1399	ASKCOIN	3	0.0
1.3.1406	OPEN.ZGC	3	0.0
1.3.1410	QTUM	5	0.0
1.3.1411	OPEN.GOLOS	32	298.4
1.3.1412	OPEN.GBG	20	0.3
1.3.1413	OCT	320	5.8
1.3.1415	KPL	154	5.6
1.3.1420	ADXCU	1	0.0
1.3.1435	TOPSOL	1	0.0
1.3.1439	PPY	124	445.2
1.3.1451	MVS.ZENDAO	1	0.1
1.3.1454	BEYONDBIT	20	20.0
1.3.1458	OPEN.PPY	52	0.0
1.3.1460	RUNCOIN	7	0.0
1.3.1464	LZKJF	21	76.4
1.3.1473	CVCOIN	439	1,198.1
1.3.1499	PRIZE	3	0.3
1.3.1523	NARWHALS	1	0.0
1.3.1538	RMB	317	7.7
1.3.1543	BUILDTEAM	9	0.1
1.3.1549	LFNCOIN	2	24.8
1.3.1552	GMBIT	1	14.9
1.3.1554	LAUNCH	1	30.3
1.3.1555	VOICESHARE	8	301.4
1.3.1564	BRIDGE.BCO	169	1,549.7
1.3.1565	IPFS	63	12.2
1.3.1567	SMOKE	11	7,194.2
1.3.1568	ICLUB	1	0.0
1.3.1569	ORANGE	1	0.0
1.3.1570	BRIDGE.BTC	130	0.0
1.3.1572	HUINYA	15	461.0



Asset ID	Symbol	# Ops	Fee Total
1.3.1573	INSPIRATION	5	303.1
1.3.1575	BTTIOU	2	8.0
1.3.1578	BADCOIN	11	303,279.0
1.3.1579	FINCHAIN	1	3,032.0
1.3.1581	VEN	666	7.0
1.3.1582	VEN.WARRANT	61	254.0
1.3.1586	ABONO	1	150.0
1.3.1587	BTCX	9	12,139.7
1.3.1588	ATMATRIX	105	4.5
1.3.1589	LINKX	1	303.5
1.3.1590	STRLT	8	303.3
1.3.1592	POLOLOSTKEYS	3	303.5
1.3.1596	TRUMPCOIN	50	302.7
1.3.1599	HPB	188	1.2
1.3.1601	BRIDGE.BCH	3	0.0
1.3.1602	ADBTS	15	4.7
1.3.1604	PISOPH	1	0.3
1.3.1605	IOU.XNC	15	0.2
1.3.1617	QCNY	1,342	76.8
1.3.1619	AMERICALUIGI	1	300.8
1.3.1625	CNBTS	1	0.0
1.3.1627	OPEN.MUSEOL	2	0.0
1.3.1628	VAPORWARE	1	303.5
1.3.1629	STERLING	3	303.5
1.3.1631	BCDN	69	24,278.5
1.3.1632	BCDN.WARRANT	85	9.4
1.3.1635	IMIAO	11	392.6
1.3.1637	NIHIL	6	501.0
1.3.1639	SIXDOMAIN	13	0.7
1.3.1641	OPEN.FCC	5	2,124.0
1.3.1644	AGBTS	2	0.0
1.3.1646	SKYCOIN	2	0.0

Table 601. Fees collected by blockchain during 2017-08 for limit order cancel operation

Asset ID	Symbol	# Ops	Fee Total
1.3.766	OPEN.EUR	4	0.0
1.3.850	OPEN.ETH	155	0.0
1.3.855	OPEN.NBT	4	0.0
1.3.857	OPEN.PPC	1	0.0
1.3.858	OPEN.DASH	18	0.0
1.3.859	OPEN.LTC	36	0.0
1.3.860	OPEN.DOGE	14	0.6
1.3.861	OPEN.BTC	245	0.0
1.3.868	BOTFUND.USD	4	4.0
1.3.897	BTCPLUS	2	0.0
1.3.907	WECHAT	3	0.0
1.3.958	BTWTY	4	0.0
1.3.970	FUNC	3	0.0
1.3.973	OPEN.STEEM	1	0.0
1.3.977	OPEN.LISK	19	0.0
1.3.1007	NINJASOUL	1	0.0
1.3.1010	SPIES	29	0.0
1.3.1064	OPEN.HEAT	1	0.0
1.3.1070	OPEN.SBD	3	0.0
1.3.1085	JIJIN	6	0.1
1.3.1093	YOYOW	52	0.1
1.3.1098	JESUS	2	0.0
1.3.1184	OPEN.NXC	2	0.0
1.3.1209	OPEN.WAVES	10	0.0
1.3.1229	SAVETHEPLANET	3	0.0
1.3.1276	WHALESHARE	19	19.0
1.3.1288	USDTETHERDEFI	9	0.0
1.3.1325	RUBLE	17	0.2
1.3.1352	QORA	95	0.1
1.3.1362	HERO	6	0.0
1.3.1363	SBUZZ	1	0.0
1.3.1406	OPEN.ZGC	4	0.0
1.3.1411	OPEN.GOLOS	7	0.0
1.3.1412	OPEN.GBG	10	0.0
1.3.1413	OCT	18	0.0
1.3.1415	KPL	11	0.0
1.3.1439	PPY	57	0.0
1.3.1452	DNXTO	1	0.0
1.3.1454	BEYONDBIT	8	8.0
1.3.1458	OPEN.PPY	3	0.0
1.3.1464	LZKJF	2	0.7
1.3.1465	LZKGF	1	0.0
1.3.1472	BIKERCOIN	3	0.0
1.3.1473	CVCOIN	47	0.0
1.3.1482	LUCRA	1	0.0
1.3.1499	PRIZE	1	0.1



Asset ID	Symbol	# Ops	Fee Total
1.3.1537	GCSTT	1	0.0
1.3.1538	RMB	36	0.1
1.3.1564	BRIDGE.BCO	29	0.1
1.3.1565	IPFS	17	0.0
1.3.1567	SMOKE	8	0.2
1.3.1568	ICLUB	3	0.0
1.3.1570	BRIDGE.BTC	13	0.0
1.3.1572	HUINYA	2	2.0
1.3.1581	VEN	201	0.2
1.3.1582	VEN.WARRANT	3	3.0
1.3.1587	BTCX	10	0.0
1.3.1588	ATMATRIX	13	0.1
1.3.1596	TRUMPCOIN	1	0.0
1.3.1599	HPB	55	0.0
1.3.1602	ADBITS	2	0.1
1.3.1605	IOU.XNC	1	0.0
1.3.1617	QCNY	57	0.6
1.3.1631	BCDN	5	0.0
1.3.1635	IMIAO	1	0.0
1.3.1639	SIXDOMAIN	1	0.0
1.3.1644	AGBTS	1	0.0

Table 602. Fees collected by blockchain during 2017-08 for call order update operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	5,667	68.7

Table 603. Fees collected by blockchain during 2017-08 for account create operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	17,431	28,816.9

Table 604. Fees collected by blockchain during 2017-08 for account update operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	701	12.2
1.3.113	CNY	9	0.2
1.3.121	USD	2	0.0
1.3.850	OPEN.ETH	1	0.0
1.3.861	OPEN.BTC	1	0.0
1.3.1160	OPEN.GAME	2	0.0
1.3.1439	PPY	1	0.0
1.3.1482	LUCRA	2	0.0
1.3.1538	RMB	1	0.0
1.3.1565	IPFS	1	0.0

Table 605. Fees collected by blockchain during 2017-08 for account whitelisting operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	87	105.6

Table 606. Fees collected by blockchain during 2017-08 for account upgrade operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	93	135,478.8
1.3.850	OPEN.ETH	3	2.9
1.3.858	OPEN.DASH	1	2.4
1.3.861	OPEN.BTC	4	0.3

Table 607. Fees collected by blockchain during 2017-08 for asset create operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	72	548,109.2

Table 608. Fees collected by blockchain during 2017-08 for asset update operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	108	2,626.5

Table 609. Fees collected by blockchain during 2017-08 for asset update BitAsset operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	3	182.1

Table 610. Fees collected by blockchain during 2017-08 for asset issue operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	868	191.1

Table 611. Fees collected by blockchain during 2017-08 for asset reserve operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	162	2.0

Table 612. Fees collected by blockchain during 2017-08 for asset fund fee pool operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	40	242.8

Table 613. Fees collected by blockchain during 2017-08 for asset settle operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	90	54.6



Table 614. Fees collected by blockchain during 2017-08 for asset publish feed operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	674,435	816.1

Table 615. Fees collected by blockchain during 2017-08 for witness create operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	5	3,034.9

Table 616. Fees collected by blockchain during 2017-08 for witness update operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	13	1.6

Table 617. Fees collected by blockchain during 2017-08 for proposal create operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	561	1,050.2

Table 618. Fees collected by blockchain during 2017-08 for proposal update operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	838	52.5

Table 619. Fees collected by blockchain during 2017-08 for vesting balance withdrawal operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	155	3,763.3

Table 620. Fees collected by blockchain during 2017-08 for worker create operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	2	1,214.0

Table 621. Fees collected by blockchain during 2017-08 for override transfer operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	39	473.8

Table 622. Fees collected by blockchain during 2017-08 for blind transfer operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	2	30.0

Table 623. Fees collected by blockchain during 2017-08 for transfer from blind operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	2	5.1

Table 624. Fees collected by blockchain during 2017-08 for asset claim fees operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	27	327.8

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Table 625. Fees collected by blockchain during 2017-09 for transfer operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	78,190	17,938.9
1.3.103	BTC	2	0.0
1.3.113	CNY	2,785	422.2
1.3.121	USD	220	5.9
1.3.418	NEWBIE	16	38.7
1.3.562	OBITS	13	0.1
1.3.569	OPENBTC	1	0.0
1.3.585	QBITS	1	58.3
1.3.659	OPENSESAME	1	0.2
1.3.743	STEALTH	8	0.1
1.3.757	OPEN.USD	4	0.2
1.3.766	OPEN.EUR	3	0.2
1.3.767	OPEN.CNY	1	0.0
1.3.799	SILVERTICKET	1	0.2
1.3.850	OPEN.ETH	307	0.0
1.3.858	OPEN.DASH	43	0.0
1.3.859	OPEN.LTC	95	0.1
1.3.860	OPEN.DOGE	5	38.4
1.3.861	OPEN.BTC	898	0.0
1.3.899	ENTREPRENEUR	1	0.2
1.3.907	WECHAT	4	0.9
1.3.950	CAYMAN	28	0.0
1.3.970	FUNC	75	17.1
1.3.973	OPEN.STEEM	1	0.0
1.3.977	OPEN.LISK	19	4.4
1.3.998	WETSTOCK	3	0.0
1.3.1001	HYPECOIN	1	0.0
1.3.1007	NINJASOUL	7	32.5
1.3.1010	SPIES	413	9.6
1.3.1013	RETAILSET	13	0.0
1.3.1042	OPEN.USDT	5	0.0
1.3.1044	OPEN.MAID	3	0.7
1.3.1046	OPEN.AMP	4	0.9
1.3.1070	OPEN.SBD	43	1.4
1.3.1093	YOYOW	62	141.9
1.3.1160	OPEN.GAME	3	0.3
1.3.1181	KAPITAL	5	0.1



Asset ID	Symbol	# Ops	Fee Total
1.3.1200	TREISM	1	0.0
1.3.1209	OPEN.WAVES	8	1.9
1.3.1236	MONEDAPAR	48	4.3
1.3.1247	WANGCHANGE	42	10.0
1.3.1276	WHALESHARE	294	294.0
1.3.1290	BBBAA	1	3.0
1.3.1325	RUBLE	41	75.7
1.3.1331	IOU.BCS	2	5.3
1.3.1352	QORA	37	6.5
1.3.1355	VIVACOIN	1	0.0
1.3.1362	HERO	1	0.0
1.3.1406	OPEN.ZGC	14	3.2
1.3.1411	OPEN.GOLOS	10	1.7
1.3.1412	OPEN.GBG	9	2.5
1.3.1413	OCT	74	24.8
1.3.1415	KPL	2	1.4
1.3.1433	ICOWT	1	2.0
1.3.1435	TOPSOL	9	2.2
1.3.1439	PPY	76	0.6
1.3.1451	MVS.ZENDAO	2	2.0
1.3.1454	BEYONDBIT	49	98.0
1.3.1458	OPEN.PPY	4	0.0
1.3.1473	CVCOIN	21	1.8
1.3.1475	PEERCROWDFUND	3	0.9
1.3.1499	PRIZE	24	2.4
1.3.1538	RMB	124	57.2
1.3.1543	BUILDETEAM	3	0.7
1.3.1549	LFNCOIN	149	36.2
1.3.1562	CBRIDGE.BCO	3	7.1
1.3.1564	BRIDGE.BCO	85	95.6
1.3.1565	IPFS	3	0.1
1.3.1568	ICLUB	8	0.1
1.3.1569	ORANGE	2	0.4
1.3.1570	BRIDGE.BTC	161	0.0
1.3.1580	ADXIOU	1	0.2
1.3.1581	VEN	24	4.4
1.3.1588	ATMATRIX	3	2.3
1.3.1599	HPB	3	0.4
1.3.1615	INS	7	1.6
1.3.1617	QCNY	188	42.9
1.3.1621	RUDEX.GOLOS	10	3.5
1.3.1627	OPEN.MUSEOL	3	0.1
1.3.1630	RUDEX.GBG	5	1.8
1.3.1631	BCDN	97	43.8
1.3.1632	BCDN.WARRANT	3	6.2
1.3.1635	IMIAO	10	1.1

Asset ID	Symbol	# Ops	Fee Total
1.3.1638	ICOFUND	1	0.2
1.3.1642	UTDEV	1	0.2
1.3.1643	POCKET	13	291,551.0
1.3.1864	IVORY	1	0.2
1.3.1875	SANCHAIN	13	0.3
1.3.1884	BOLIVARBITS	4	1.8
1.3.1886	ZGSTC	1	21.9
1.3.1887	LEITC	2	0.1
1.3.1888	BRIDGE.LTC	3	0.0
1.3.1896	RUDEX.SBD	1	0.0

Table 626. Fees collected by blockchain during 2017-09 for limit order create operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	4,736,989	57,459.7
1.3.103	BTC	28	0.0
1.3.105	SILVER	28	136.7
1.3.106	GOLD	5	0.0
1.3.113	CNY	11,136	97.6
1.3.120	EUR	5	0.0
1.3.121	USD	908	1.2
1.3.418	NEWBIE	2	49.4
1.3.562	OBITS	117	0.1
1.3.743	STEALTH	55	0.1
1.3.749	QUANT	1	1.0
1.3.757	OPEN.USD	9	0.1
1.3.766	OPEN.EUR	34	0.3
1.3.800	COPPERTICKET	1	14.8
1.3.802	PEWPS	1	1.2
1.3.808	BGIBTS	3	0.0
1.3.850	OPEN.ETH	666	0.0
1.3.855	OPEN.NBT	3	0.0
1.3.857	OPEN.PPC	1	0.0
1.3.858	OPEN.DASH	77	0.0
1.3.859	OPEN.LTC	142	0.0
1.3.860	OPEN.DOGE	16	33,137.8
1.3.861	OPEN.BTC	2,569	0.0
1.3.950	CAYMAN	1	0.2
1.3.958	BTWTY	5	0.0
1.3.970	FUNC	105	7,005.9
1.3.973	OPEN.STEEM	12	0.0
1.3.977	OPEN.LISK	11	0.1
1.3.998	WETSTOCK	4	0.0
1.3.999	DRYSTOCK	3	0.1
1.3.1007	NINJASOUL	16	17,958.8
1.3.1010	SPIES	82	0.1
1.3.1013	RETAILSET	4	0.1



Asset ID	Symbol	# Ops	Fee Total
1.3.1042	OPEN.USDT	6	10.0
1.3.1044	OPEN.MAID	25	9.4
1.3.1046	OPEN.AMP	2	0.0
1.3.1064	OPEN.HEAT	18	2.2
1.3.1069	OPEN.ARDR	1	0.0
1.3.1070	OPEN.SBD	34	0.1
1.3.1074	BPPINGJI	3	3,669.2
1.3.1093	YOYOW	537	65.1
1.3.1094	HOTHEART	1	1,000.0
1.3.1140	ZCASH	2	0.0
1.3.1152	OPEN.GRC	4	0.0
1.3.1160	OPEN.GAME	4	0.0
1.3.1181	KAPITAL	5	0.0
1.3.1196	OPEN.DCT	5	0.1
1.3.1209	OPEN.WAVES	5	0.1
1.3.1247	WANGCHANGE	3	0.1
1.3.1275	HYBRID	1	0.0
1.3.1276	WHALESHARE	27	27.0
1.3.1325	RUBLE	162	23,538.3
1.3.1331	IOU.BCS	6	18,236.6
1.3.1352	QORA	12	7,227.4
1.3.1357	OPEN.NUSHARES	1	6.1
1.3.1358	RCOIN	1	2,462.3
1.3.1362	HERO	5	0.0
1.3.1399	ASKCOIN	1	0.0
1.3.1406	OPEN.ZGC	2	0.0
1.3.1410	QTUM	1	0.0
1.3.1411	OPEN.GOLOS	14	0.1
1.3.1412	OPEN.GBG	9	0.1
1.3.1413	OCT	446	8.1
1.3.1415	KPL	13	0.5
1.3.1431	CHC	1	0.0
1.3.1435	TOPSOL	8	0.1
1.3.1439	PPY	128	799.1
1.3.1453	KEXCOIN	18	0.2
1.3.1454	BEYONDBIT	5	5.0
1.3.1458	OPEN.PPY	11	57.1
1.3.1464	LZKJF	5	18.2
1.3.1473	CVCOIN	446	2,001.7
1.3.1499	PRIZE	7	35.6
1.3.1534	VASH	1	12,139.7
1.3.1535	BASH	1	12,139.7
1.3.1538	RMB	388	9.4
1.3.1543	BUILDETEAM	6	0.1
1.3.1549	LFNCOIN	4	153.0
1.3.1555	VOICESHARE	4	0.0

Asset ID	Symbol	# Ops	Fee Total
1.3.1564	BRIDGE.BCO	757	45.9
1.3.1565	IPFS	83	0.1
1.3.1567	SMOKE	9	18.5
1.3.1569	ORANGE	3	302.8
1.3.1570	BRIDGE.BTC	528	0.0
1.3.1581	VEN	34	78,618.1
1.3.1587	BTCX	3	0.0
1.3.1588	ATMATRIX	140	6.0
1.3.1599	HPB	101	26,387.9
1.3.1608	LOVESHARES	2	30.3
1.3.1615	INS	200	48,557.1
1.3.1617	QCNY	196	345.4
1.3.1618	XRATED	1	49.0
1.3.1621	RUDEX.GOLOS	18	250.2
1.3.1627	OPEN.MUSEOL	14	30.2
1.3.1630	RUDEX.GBG	39	388.8
1.3.1631	BCDN	169	4.1
1.3.1632	BCDN.WARRANT	5	0.6
1.3.1635	IMIAO	5	0.0
1.3.1639	SIXDOMAIN	18	1,365.2
1.3.1641	OPEN.FCC	3	0.3
1.3.1643	POCKET	95	115,235.0
1.3.1646	SKYCOIN	3	0.1
1.3.1647	HODLER	3	1.5
1.3.1650	CCCATCOIN	4	17.0
1.3.1660	ICO	1	48,558.7
1.3.1662	ANS	1	48,558.7
1.3.1664	LTC	9	48,558.7
1.3.1665	BCC	1	48,558.7
1.3.1668	NEO	1	48,558.7
1.3.1669	IPO	1	48,558.7
1.3.1760	HELP	1	12,139.7
1.3.1860	UNCMONEY	11	0.1
1.3.1869	PANGTC	3	303,397.3
1.3.1872	UCOIN	1	1.0
1.3.1873	EPESO	1	303.5
1.3.1875	SANCHAIN	104	0.1
1.3.1879	BYTESEK	2	21.0
1.3.1882	XMINE	1	0.0
1.3.1883	XSILVER	2	300.5
1.3.1884	BOLIVARBITS	2	605.1
1.3.1886	ZGSTC	26	333.8
1.3.1887	LEITC	6	60.6
1.3.1888	BRIDGE.LTC	1	0.0
1.3.1892	RUDEX.MUSE	23	0.1
1.3.1893	TRFND	3	60.7



Asset ID	Symbol	# Ops	Fee Total
1.3.1897	GRACIAS	1	0.1
1.3.1898	BRIDGE.DASH	1	0.0
1.3.1908	MACAO	2	606.0
1.3.1929	STORY	2	424.8
1.3.1930	PROXY	2	0.0
1.3.1947	BCH	1	48,558.7
1.3.1949	BOND	1	12,139.7
1.3.1978	SWAP	1	12,139.7
1.3.1997	BRIDGE.DOGE	1	0.0
1.3.1999	OPEN.EOS	1	0.0
1.3.2001	OPEN.OMG	1	2.4
1.3.2025	CNYOK	5	0.0
1.3.2033	OTC	1	48,558.7
1.3.2038	ASIA	1	12,139.7
1.3.2039	BYTE	2	12,139.7
1.3.2041	UNIT	1	12,139.7
1.3.2044	HASH	1	12,139.7
1.3.2045	CODE	1	12,139.7
1.3.2046	PLAY	1	12,139.7
1.3.2054	BTM	1	48,558.7
1.3.2057	ANTI	1	12,139.7
1.3.2058	RANK	1	12,139.7
1.3.2059	TALK	1	12,139.7
1.3.2060	ETF	1	48,558.7
1.3.2061	QDII	1	12,139.7
1.3.2062	QFII	1	12,139.7
1.3.2064	LOF	2	48,558.7
1.3.2065	CNH	1	48,558.7
1.3.2088	DDDDDDDD	3	0.0
1.3.2091	ATOM	1	12,139.7
1.3.2095	AAA	1	48,558.7
1.3.2096	AAAAA	1	12,139.7
1.3.2097	DAPP	1	12,139.7
1.3.2098	DAO	1	48,558.7
1.3.2099	DAC	1	48,558.7
1.3.2100	COM	1	48,558.7
1.3.2101	ORG	1	48,558.7
1.3.2107	MUZIN	1	303.5

Table 627. Fees collected by blockchain during 2017-09 for limit order cancel operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	4,102,151	4,963.6
1.3.103	BTC	29	0.0
1.3.105	SILVER	4	0.0
1.3.106	GOLD	5	0.0
1.3.113	CNY	2,086	1.9

Asset ID	Symbol	# Ops	Fee Total
1.3.120	EUR	12	0.0
1.3.121	USD	348	0.1
1.3.418	NEWBIE	1	0.1
1.3.562	OBITS	23	0.0
1.3.569	OPENBTC	2	0.0
1.3.628	BRICS	8	1.0
1.3.743	STEALTH	11	0.0
1.3.746	ANTSHARE	2	0.0
1.3.749	QUANT	1	1.0
1.3.757	OPEN.USD	4	0.0
1.3.766	OPEN.EUR	1	0.0
1.3.831	DEMNONCLINTON	4	0.0
1.3.850	OPEN.ETH	154	0.0
1.3.853	IOU.BOO	2	0.0
1.3.858	OPEN.DASH	17	0.0
1.3.859	OPEN.LTC	41	0.0
1.3.860	OPEN.DOGE	5	0.2
1.3.861	OPEN.BTC	378	0.0
1.3.907	WECHAT	4	0.0
1.3.950	CAYMAN	3	0.0
1.3.958	BTWTY	2	0.0
1.3.970	FUNC	20	0.0
1.3.973	OPEN.STEEM	1	0.0
1.3.977	OPEN.LISK	5	0.0
1.3.1007	NINJASOUL	1	0.0
1.3.1010	SPIES	6	0.0
1.3.1069	OPEN.ARDR	2	0.0
1.3.1070	OPEN.SBD	10	0.0
1.3.1093	YOYOW	100	1.2
1.3.1098	JESUS	5	0.0
1.3.1152	OPEN.GRC	3	0.0
1.3.1160	OPEN.GAME	1	0.0
1.3.1181	KAPITAL	2	0.0
1.3.1196	OPEN.DCT	1	0.0
1.3.1209	OPEN.WAVES	1	0.0
1.3.1229	SAVETHEPLANE	1	0.0
1.3.1276	WHALESHARE	1	1.0
1.3.1318	LILWANGS	1	0.0
1.3.1325	RUBLE	19	0.2
1.3.1352	QORA	30	0.0
1.3.1362	HERO	12	0.0
1.3.1363	SBUZZ	6	0.0
1.3.1389	ZENGOLD	5	0.0
1.3.1406	OPEN.ZGC	22	0.0
1.3.1411	OPEN.GOLOS	29	0.0
1.3.1412	OPEN.GBG	2	0.0



Asset ID	Symbol	# Ops	Fee Total
1.3.1413	OCT	16	0.0
1.3.1439	PPY	102	0.0
1.3.1454	BEYONDBIT	3	3.0
1.3.1458	OPEN.PPY	5	0.0
1.3.1464	LZKJF	1	0.4
1.3.1473	CVCOIN	19	0.0
1.3.1499	PRIIZE	1	0.1
1.3.1538	RMB	130	0.3
1.3.1543	BUILDETEAM	2	0.0
1.3.1549	LFNCOIN	1	0.0
1.3.1564	BRIDGE.BCO	141	0.9
1.3.1565	IPFS	33	0.0
1.3.1567	SMOKE	3	0.4
1.3.1570	BRIDGE.BTC	43	0.0
1.3.1578	BADCOPIN	2	2.4
1.3.1581	VEN	16	0.0
1.3.1587	BTCX	11	0.0
1.3.1588	ATMATRIX	16	0.1
1.3.1599	HPB	4	0.0
1.3.1602	ADBITS	1	0.0
1.3.1615	INS	15	0.0
1.3.1617	QCNY	25	0.3
1.3.1621	RUDEX.GOLOS	3	0.0
1.3.1627	OPEN.MUSEOL	4	0.0
1.3.1630	RUDEX.GBG	20	0.0
1.3.1631	BCDN	63	0.2
1.3.1635	IMIAO	2	0.0
1.3.1639	SIXDOMAIN	1	0.0
1.3.1643	POCKET	5	605.0
1.3.1874	BTSSNT	1	0.0
1.3.1875	SANCHAIN	21	0.0
1.3.1882	XMINE	1	0.0
1.3.1884	BOLIVARBITS	3	0.0

Table 628. Fees collected by blockchain during 2017-09 for call order update operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	10,734	130.2

Table 629. Fees collected by blockchain during 2017-09 for account create operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	32,478	147,444.5

Table 630. Fees collected by blockchain during 2017-09 for account update operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	825	14.3
1.3.113	CNY	38	0.6
1.3.562	OBITS	1	0.0
1.3.850	OPEN.ETH	2	0.0
1.3.861	OPEN.BTC	2	0.0
1.3.1236	MONEDAPAR	1	0.0
1.3.1615	INS	1	0.0
1.3.1635	IMIAO	2	0.0

Table 631. Fees collected by blockchain during 2017-09 for account whitelisting operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	96	116.5

Table 632. Fees collected by blockchain during 2017-09 for account upgrade operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	175	254,933.2
1.3.121	USD	1	189.2
1.3.850	OPEN.ETH	2	1.9
1.3.861	OPEN.BTC	3	0.2

Table 633. Fees collected by blockchain during 2017-09 for asset create operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	468	2,711,403.2

Table 634. Fees collected by blockchain during 2017-09 for asset update operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	118	2,868.1

Table 635. Fees collected by blockchain during 2017-09 for asset update BitAsset operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	3	182.1

Table 636. Fees collected by blockchain during 2017-09 for asset issue operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	3,642	797.3

Table 637. Fees collected by blockchain during 2017-09 for asset reserve operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	346	4.2



Table 638. Fees collected by blockchain during 2017-09 for asset fund fee pool operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	43	261.0

Table 639. Fees collected by blockchain during 2017-09 for asset settle operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	120	72.8

Table 640. Fees collected by blockchain during 2017-09 for asset publish feed operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	774,839	937.6

Table 641. Fees collected by blockchain during 2017-09 for witness create operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	2	1,214.0

Table 642. Fees collected by blockchain during 2017-09 for witness update operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	29	3.5

Table 643. Fees collected by blockchain during 2017-09 for proposal create operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	305	569.0

Table 644. Fees collected by blockchain during 2017-09 for proposal update operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	434	27.2

Table 645. Fees collected by blockchain during 2017-09 for vesting balance withdrawal operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	140	3,399.1

Table 646. Fees collected by blockchain during 2017-09 for worker create operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	1	607.0

Table 647. Fees collected by blockchain during 2017-09 for custom operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	1	0.2
1.3.1236	MONEDAPAR	1	0.2

Table 648. Fees collected by blockchain during 2017-09 for assert operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	71	862.4

Table 649. Fees collected by blockchain during 2017-09 for transfer to blind operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	5	20.4

Table 650. Fees collected by blockchain during 2017-09 for blind transfer operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	2	30.0

Table 651. Fees collected by blockchain during 2017-09 for asset claim fees operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	38	461.3

Fees Collected During 2017-10

Table 652. Fees collected by blockchain during 2017-10 for transfer operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	60,842	13,811.8
1.3.103	BTC	4	0.0
1.3.106	GOLD	3	0.0
1.3.113	CNY	2,116	205.4
1.3.118	GBP	6	0.1
1.3.120	EUR	8	0.1
1.3.121	USD	113	1.6
1.3.418	NEWBIE	35	84.0
1.3.562	OBITS	6	0.1
1.3.569	OPENBTC	1	0.0
1.3.585	QBITS	3	171.7
1.3.743	STEALTH	22	0.4
1.3.757	OPEN.USD	4	0.2
1.3.766	OPEN.EUR	10	0.5
1.3.799	SILVERTICKET	1	0.2
1.3.850	OPEN.ETH	293	0.0
1.3.858	OPEN.DASH	46	0.0
1.3.859	OPEN.LTC	53	0.0
1.3.860	OPEN.DOGE	17	130.0
1.3.861	OPEN.BTC	920	0.0
1.3.899	ENTREPRENEUR	1	0.2
1.3.958	BTWTY	1	0.0
1.3.970	FUNC	33	37.0



Asset ID	Symbol	# Ops	Fee Total
1.3.973	OPEN.STEEM	66	1.6
1.3.977	OPEN.LISK	1	0.2
1.3.1007	NINJASOUL	5	23.0
1.3.1010	SPIES	558	13.0
1.3.1041	OPEN.OMNI	2	0.0
1.3.1042	OPEN.USDT	2	0.0
1.3.1044	OPEN.MAID	6	1.4
1.3.1046	OPEN.AMP	1	0.2
1.3.1070	OPEN.SBD	13	0.4
1.3.1093	YOYOW	44	100.9
1.3.1102	HONEYCOIN	1	0.2
1.3.1160	OPEN.GAME	9	1.1
1.3.1181	KAPITAL	2	0.0
1.3.1209	OPEN.WAVES	9	2.1
1.3.1236	MONEDAPAR	62	5.6
1.3.1247	WANGCHANGE	122	29.2
1.3.1276	WHALESHARE	260	260.0
1.3.1325	RUBLE	77	64.6
1.3.1352	QORA	17	3.0
1.3.1359	TATCHCOIN	1	0.0
1.3.1362	HERO	4	0.0
1.3.1385	CRECE	1	0.2
1.3.1406	OPEN.ZGC	2	0.5
1.3.1411	OPEN.GOLOS	1	0.2
1.3.1412	OPEN.GBG	2	0.5
1.3.1413	OCT	6	2.0
1.3.1431	CHC	1	0.4
1.3.1435	TOPSOL	95	22.7
1.3.1439	PPY	43	0.6
1.3.1453	KEXCOIN	3	0.7
1.3.1454	BEYONDBIT	18	36.0
1.3.1458	OPEN.PPY	2	0.0
1.3.1473	CVCOIN	39	3.5
1.3.1475	PEERCROWDFUND	1	0.3
1.3.1538	RMB	72	33.2
1.3.1543	BUILDETEAM	8	1.8
1.3.1549	LFNCOIN	235	56.6
1.3.1552	GMBIT	18	4.2
1.3.1564	BRIDGE.BCO	108	124.7
1.3.1565	IPFS	4	0.1
1.3.1568	ICLUB	2	0.0
1.3.1570	BRIDGE.BTC	432	0.0
1.3.1587	BTCX	2	0.5
1.3.1601	BRIDGE.BCH	7	0.0
1.3.1615	INS	12	2.8
1.3.1617	QCNY	1	0.2

Asset ID	Symbol	# Ops	Fee Total
1.3.1621	RUDEX.GOLOS	61	28.3
1.3.1626	ISHOPCOIN	1	0.2
1.3.1627	OPEN.MUSEOL	4	0.1
1.3.1630	RUDEX.GBG	21	9.8
1.3.1631	BCDN	2	0.9
1.3.1642	UTDEV	2	0.0
1.3.1643	POCKET	4	93,280.0
1.3.1844	ISHOP	1	0.2
1.3.1854	WESHOP	2	0.5
1.3.1859	ECASH	4	0.9
1.3.1864	IVORY	1	0.2
1.3.1886	ZGSTC	41	895.9
1.3.1888	BRIDGE.LTC	11	0.0
1.3.1895	RUDEX.STEEM	4	0.2
1.3.1896	RUDEX.SBD	48	1.9
1.3.1900	BRIDGE.DGB	1	3.5
1.3.1997	BRIDGE.DOGE	2	0.1
1.3.1999	OPEN.EOS	38	1.4
1.3.2031	BRIDGE.XVG	2	7.1
1.3.2106	SMARTECH	10	2.3
1.3.2212	WHITECOIN	3	0.3
1.3.2215	BRIDGE.EOT	80	3.8
1.3.2216	PANDACASH	4	0.9
1.3.2222	PANDACOIN	33	8.2
1.3.2228	ETYCOIN	4	0.9
1.3.2229	BRIDGE.XIOS	46	2.2
1.3.2231	MARKER	6	1.4
1.3.2234	XYCOIN	88	770.5
1.3.2270	ISEEU	1	0.2
1.3.2272	BRIDGE.EQT	1	0.0
1.3.2273	RADIOCOIN	9	2.1
1.3.2282	GRYPHON	8	1.9
1.3.2290	BORDERLESS	55	12.0
1.3.2291	ZHUANGBI	24	0.5
1.3.2293	BRIDGE.ETHCA	12	0.6
1.3.2297	LZMSCORE	3	0.7
1.3.2298	AMERO	184	40.3
1.3.2299	EMERALD	6	0.0

Table 653. Fees collected by blockchain during 2017-10 for limit order create operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	3,973,789	48,212.0
1.3.103	BTC	109	0.0
1.3.106	GOLD	18	0.0
1.3.113	CNY	4,816	1,501.9
1.3.118	GBP	1	0.0



Asset ID	Symbol	# Ops	Fee Total
1.3.120	EUR	10	0.0
1.3.121	USD	1,502	1.2
1.3.138	FUND	1	606.5
1.3.350	TRADE.BTC	1	0.0
1.3.397	ALTFUND	2	199.8
1.3.562	OBITS	23	115.3
1.3.585	QBITS	4	12.1
1.3.626	SANDWICH	1	0.0
1.3.630	IOU.BTSABC	1	2,499.9
1.3.743	STEALTH	169	0.2
1.3.757	OPEN.USD	4	0.0
1.3.766	OPEN.EUR	9	0.1
1.3.795	IOU.LBA	1	78.2
1.3.802	PEWPS	1	1.2
1.3.850	OPEN.ETH	499	0.0
1.3.856	OPEN.NSR	3	0.1
1.3.857	OPEN.PPC	2	0.0
1.3.858	OPEN.DASH	75	0.0
1.3.859	OPEN.LTC	102	0.0
1.3.860	OPEN.DOGE	72	29.1
1.3.861	OPEN.BTC	2,109	0.0
1.3.958	BTWTY	7	0.0
1.3.970	FUNC	116	5.4
1.3.973	OPEN.STEEM	107	0.2
1.3.977	OPEN.LISK	11	0.1
1.3.1007	NINJASOUL	30	7.3
1.3.1010	SPIES	33	0.0
1.3.1041	OPEN.OMNI	1	0.0
1.3.1042	OPEN.USDT	23	0.0
1.3.1044	OPEN.MAID	8	0.1
1.3.1064	OPEN.HEAT	3	0.4
1.3.1069	OPEN.ARDR	4	0.0
1.3.1070	OPEN.SBD	11	0.0
1.3.1093	YOYOW	406	49.2
1.3.1140	ZCASH	1	0.0
1.3.1160	OPEN.GAME	9	0.1
1.3.1168	CRYPTOINDEX	62	3.0
1.3.1181	KAPITAL	2	0.0
1.3.1209	OPEN.WAVES	31	0.4
1.3.1247	WANGCHANGE	61	1.2
1.3.1259	GOLOS	1	0.0
1.3.1262	ALTCAP.XDR	1	40.6
1.3.1276	WHALESHARE	21	21.0
1.3.1317	ZCOIN	4	0.0
1.3.1325	RUBLE	224	27,761.7
1.3.1352	QORA	8	0.1

Asset ID	Symbol	# Ops	Fee Total
1.3.1355	VIVACOIN	1	0.0
1.3.1362	HERO	14	0.0
1.3.1368	TOKENOFTOKENS	2	0.0
1.3.1411	OPEN.GOLOS	4	0.0
1.3.1412	OPEN.GBG	3	0.0
1.3.1413	OCT	44	0.8
1.3.1415	KPL	9	0.3
1.3.1431	CHC	4	0.1
1.3.1433	ICOWT	3	3.0
1.3.1435	TOPSOL	4	0.0
1.3.1439	PPY	126	0.1
1.3.1451	MVS.ZENDAO	2	0.1
1.3.1453	KEXCOIN	244	3.0
1.3.1454	BEYONDBIT	19	19.0
1.3.1458	OPEN.PPY	4	0.0
1.3.1464	LZKJF	8	29.1
1.3.1465	LZKGF	1	0.4
1.3.1473	CVCOIN	380	1.9
1.3.1538	RMB	441	10.7
1.3.1543	BUILDTIME	19	0.2
1.3.1549	LFNCOIN	2	9.7
1.3.1564	BRIDGE.BCO	1,244	75.4
1.3.1565	IPFS	29	0.0
1.3.1567	SMOKE	30	36.4
1.3.1568	ICLUB	1	0.0
1.3.1569	ORANGE	1	0.0
1.3.1570	BRIDGE.BTC	1,559	0.0
1.3.1587	BTCX	23	0.3
1.3.1588	ATMATRIX	3	0.1
1.3.1601	BRIDGE.BCH	28	0.0
1.3.1615	INS	35	0.4
1.3.1617	QCNY	1	0.0
1.3.1621	RUDEX.GOLOS	30	0.8
1.3.1627	OPEN.MUSEOL	20	0.0
1.3.1630	RUDEX.GBG	99	2.5
1.3.1631	BCDN	10	0.2
1.3.1635	IMIAO	1	0.0
1.3.1641	OPEN.FCC	1	0.1
1.3.1643	POCKET	14	16,982.0
1.3.1655	MIOTA	1	303.5
1.3.1656	GBYTE	1	303.5
1.3.1657	DIGIX	1	303.5
1.3.1658	ROUND	1	303.5
1.3.1659	BURST	1	303.5
1.3.1661	OMG	2	48,558.7
1.3.1663	GXS	1	48,558.7



Asset ID	Symbol	# Ops	Fee Total
1.3.1666	ICOAGE	1	303.5
1.3.1667	OMISEGO	1	303.5
1.3.1670	CHBTC	1	303.5
1.3.1671	HSHARE	1	303.5
1.3.1672	GXSHARES	1	303.5
1.3.1673	MOBILEGO	1	303.5
1.3.1674	PILLAR	1	303.5
1.3.1675	MONETHA	1	303.5
1.3.1676	EDGELESS	1	303.5
1.3.1677	TIERION	1	303.5
1.3.1678	ELASTIC	1	303.5
1.3.1679	DCASH	1	303.5
1.3.1680	LEOCOIN	1	303.5
1.3.1681	RIALTO	1	303.5
1.3.1682	LOOPRING	1	303.5
1.3.1683	ADTOKEN	1	303.5
1.3.1684	MONACOIN	1	303.5
1.3.1685	BYTECOIN	1	303.5
1.3.1686	KOMODO	1	303.5
1.3.1687	ICONOMI	1	303.5
1.3.1688	VERITASEUM	1	303.5
1.3.1689	GNOSIS	1	303.5
1.3.1690	DIGIBYTE	1	303.5
1.3.1691	BYTEBALL	1	303.5
1.3.1692	NEXUS	1	303.5
1.3.1693	POPULOUS	1	303.5
1.3.1694	CIVIC	1	303.5
1.3.1695	STATUS	1	303.5
1.3.1696	GAMECREDITS	1	303.5
1.3.1697	BLOCKNET	1	303.5
1.3.1698	FUNFAIR	1	303.5
1.3.1699	NAVCOIN	1	303.5
1.3.1700	VERGE	1	303.5
1.3.1701	MONACO	1	303.5
1.3.1702	SNGLS	1	303.5
1.3.1703	PARTICL	1	303.5
1.3.1704	ARAGON	1	303.5
1.3.1705	NOLIMITCOIN	1	303.5
1.3.1706	IEXECRLC	1	303.5
1.3.1707	FIRSTCOIN	1	303.5
1.3.1708	MELON	1	303.5
1.3.1709	GULDEN	1	303.5
1.3.1710	IOCOIN	1	303.5
1.3.1711	REDDCOIN	1	303.5
1.3.1712	TOKENCARD	1	303.5
1.3.1713	AIDOSKUNEEN	1	303.5

Asset ID	Symbol	# Ops	Fee Total
1.3.1714	VERTCOIN	1	303.5
1.3.1715	FIRSTBLOOD	1	303.5
1.3.1716	VSLICE	1	303.5
1.3.1717	LUCKCHAIN	1	303.5
1.3.1718	VIACOIN	1	303.5
1.3.1719	MOTHERSHIP	1	303.5
1.3.1720	SAFEX	1	303.5
1.3.1721	NUMERAIRE	1	303.5
1.3.1722	WALTON	1	303.5
1.3.1723	TRIGGERS	1	303.5
1.3.1724	CLOAKCOIN	1	303.5
1.3.1725	CLOAK	1	303.5
1.3.1726	PATIENTORY	1	303.5
1.3.1727	POLYBIUS	1	303.5
1.3.1728	ETHEROLL	1	303.5
1.3.1729	XAURUM	1	303.5
1.3.1730	CROWN	1	303.5
1.3.1731	MYSTERIUM	1	303.5
1.3.1732	BANKCOIN	1	303.5
1.3.1733	METAVERSEETP	1	303.5
1.3.1734	OKCASH	1	303.5
1.3.1735	POTCOIN	1	303.5
1.3.1736	SIBCOIN	1	303.5
1.3.1737	COINDASH	1	303.5
1.3.1738	ZENCASH	1	303.5
1.3.1739	LUNYR	1	303.5
1.3.1740	CLAMS	1	303.5
1.3.1741	HUMANIQ	1	303.5
1.3.1742	MONETARYUNIT	1	303.5
1.3.1743	DIGITALNOTE	1	303.5
1.3.1744	UNOBTANIUM	1	303.5
1.3.1745	IXLEDGER	1	303.5
1.3.1746	MATCHPOOL	1	303.5
1.3.1747	SHIFT	1	303.5
1.3.1748	SPREADCOIN	1	303.5
1.3.1749	NEXIUM	1	303.5
1.3.1750	SYNEREO	1	303.5
1.3.1751	SALUS	1	303.5
1.3.1752	CHRONOBANK	1	303.5
1.3.1753	MOONCOIN	1	303.5
1.3.1754	FUJINTO	1	303.5
1.3.1755	RAIBLOCKS	1	303.5
1.3.1756	ECOBIT	1	303.5
1.3.1757	NEOSCOIN	1	303.5
1.3.1758	WAGERR	1	303.5
1.3.1759	DATABITS	1	303.5



Asset ID	Symbol	# Ops	Fee Total
1.3.1761	ATCCOIN	1	303.5
1.3.1762	SOARCOIN	1	303.5
1.3.1763	ECOIN	1	303.5
1.3.1764	VERICOIN	1	303.5
1.3.1765	DAXXCOIN	1	303.5
1.3.1766	IPOCOIN	1	303.5
1.3.1767	VOXELS	1	303.5
1.3.1768	INVESTFEED	1	303.5
1.3.1769	NIMIQ	1	303.5
1.3.1770	PINKCOIN	1	303.5
1.3.1771	FLORINCOIN	1	303.5
1.3.1772	OPENANX	1	303.5
1.3.1773	GAMBIT	1	303.5
1.3.1774	XCURRENTY	1	303.5
1.3.1775	EARTHCOPIN	1	303.5
1.3.1776	PLUTON	1	303.5
1.3.1777	XSPEC	1	303.5
1.3.1778	PRIZM	1	303.5
1.3.1779	MUSICOIN	1	303.5
1.3.1788	KYBER	1	303.5
1.3.1790	SPHERE	1	303.5
1.3.1791	INCENT	1	303.5
1.3.1792	QWARK	1	303.5
1.3.1793	PEPECASH	1	303.5
1.3.1794	BLITZ	1	303.5
1.3.1795	COVAL	1	303.5
1.3.1796	ONION	1	303.5
1.3.1797	LINDA	1	303.5
1.3.1798	ATMOS	1	303.5
1.3.1799	CRAVE	1	303.5
1.3.1800	LDOGE	1	303.5
1.3.1801	LITEDOGE	1	303.5
1.3.1802	DRACO	1	303.5
1.3.1803	DTTOKEN	1	303.5
1.3.1804	NETKO	1	303.5
1.3.1805	SCORE	1	303.5
1.3.1806	SCORECOIN	1	303.5
1.3.1807	UNIFY	1	303.5
1.3.1808	USNBT	1	303.5
1.3.1809	RBIERS	1	303.5
1.3.1810	RUBIES	1	303.5
1.3.1811	PIGGY	1	303.5
1.3.1812	PIGGYCOIN	1	303.5
1.3.1813	SPRTS	1	303.5
1.3.1814	SPROUTS	1	303.5
1.3.1815	UNITY	1	303.5

Asset ID	Symbol	# Ops	Fee Total
1.3.1816	SUPERNET	1	303.5
1.3.1817	CRYPTCOIN	1	303.5
1.3.1818	RUSTBITS	1	303.5
1.3.1819	METALCOIN	1	303.5
1.3.1820	SHORTY	1	303.5
1.3.1821	SUPERCOIN	1	303.5
1.3.1822	TROLL	1	303.5
1.3.1823	TROLLCOIN	1	303.5
1.3.1824	UNIBURST	1	303.5
1.3.1825	SWING	1	303.5
1.3.1826	ACOIN	1	303.5
1.3.1827	BIGUP	1	303.5
1.3.1828	SLING	1	303.5
1.3.1829	STEPS	1	303.5
1.3.1830	PULSE	1	303.5
1.3.1831	IBANK	1	303.5
1.3.1832	SLEVIN	1	303.5
1.3.1833	BIGONE	1	303.5
1.3.1834	PRESS	1	303.5
1.3.1835	ARGUS	1	303.5
1.3.1836	TCOIN	1	303.5
1.3.1837	DASHS	1	303.5
1.3.1838	MMXVI	1	303.5
1.3.1839	AXIOM	1	303.5
1.3.1840	MAVRO	1	303.5
1.3.1841	HYPER	1	303.5
1.3.1842	MINEX	1	303.5
1.3.1846	COSMOS	1	303.5
1.3.1847	ENERGO	1	303.5
1.3.1850	MUSEOL	1	303.5
1.3.1851	INICT	1	303.5
1.3.1852	INCTNT	1	303.5
1.3.1855	ETCWIN	1	303.5
1.3.1856	HCASH	1	303.5
1.3.1857	HSR	1	48,558.7
1.3.1858	HYPEX	1	303.5
1.3.1859	ECASH	5	0.1
1.3.1876	ENTERBTS	1	303.0
1.3.1879	BYTESEK	5	162.9
1.3.1882	XMINE	4	0.2
1.3.1886	ZGSTC	33	40.0
1.3.1888	BRIDGE.LTC	15	0.0
1.3.1892	RUDEX.MUSE	5	0.0
1.3.1893	TRFND	3	19.9
1.3.1895	RUDEX.STEEM	3	0.0
1.3.1896	RUDEX.SBD	1	0.0



Asset ID	Symbol	# Ops	Fee Total
1.3.1898	BRIDGE.DASH	1	0.0
1.3.1900	BRIDGE.DGB	1	0.2
1.3.1901	GRAPH	1	303.5
1.3.1902	STATE	1	303.5
1.3.1903	VECTOR	1	303.5
1.3.1904	BASIS	1	303.5
1.3.1905	FIELD	1	303.5
1.3.1906	GREECE	1	303.5
1.3.1907	INDIA	1	303.5
1.3.1909	NIGERIA	1	303.5
1.3.1910	AFRICA	1	303.5
1.3.1911	BRAZIL	1	303.5
1.3.1912	ITALY	1	303.5
1.3.1913	KENYA	1	303.5
1.3.1914	SPAIN	1	303.5
1.3.1915	RUSSIA	1	303.5
1.3.1916	HAITI	1	303.5
1.3.1917	CHILE	1	303.5
1.3.1918	SYRIA	1	303.5
1.3.1919	NIGER	1	303.5
1.3.1920	YEMEN	1	303.5
1.3.1921	TAIWAN	1	303.5
1.3.1922	NEPAL	1	303.5
1.3.1923	GHANA	1	303.5
1.3.1924	SUDAN	1	303.5
1.3.1926	CAREER	1	303.5
1.3.1927	CLONE	1	303.5
1.3.1928	DAPPS	1	303.5
1.3.1931	HTTPS	1	303.5
1.3.1932	SERVER	1	303.5
1.3.1933	ERROR	1	303.5
1.3.1934	CLICK	1	303.5
1.3.1935	DEBUG	1	303.5
1.3.1936	TABLE	1	303.5
1.3.1937	IMAGE	1	303.5
1.3.1938	STYLE	1	303.5
1.3.1939	CLEAR	1	303.5
1.3.1940	FILES	1	303.5
1.3.1941	ALIAS	1	303.5
1.3.1942	DOMAIN	1	303.5
1.3.1943	FRAME	1	303.5
1.3.1944	GROUP	1	303.0
1.3.1945	BEIJING	1	303.4
1.3.1946	PEKING	1	303.4
1.3.1948	WITBTC	1	303.4
1.3.1950	NOTES	1	303.4

Asset ID	Symbol	# Ops	Fee Total
1.3.1951	ISSUE	1	303.4
1.3.1952	FLAGS	1	303.4
1.3.1953	ORDER	1	303.4
1.3.1954	SHOES	1	303.4
1.3.1956	PLASMA	1	303.4
1.3.1957	FILECOIN	1	303.4
1.3.1958	STORE	1	303.4
1.3.1965	GLOBAL	1	303.5
1.3.1966	PUBLIC	1	303.5
1.3.1967	HEDGE	1	303.5
1.3.1968	OFFER	1	303.5
1.3.1969	REPORT	1	303.5
1.3.1970	ACCOUNT	1	303.5
1.3.1971	JOINT	1	303.5
1.3.1972	LENDER	1	303.5
1.3.1973	LIMIT	1	303.5
1.3.1974	LIBOR	1	303.5
1.3.1975	PRICE	1	303.5
1.3.1976	RATING	1	303.5
1.3.1977	EQUITY	1	303.5
1.3.1979	SWAPS	1	303.5
1.3.1980	SHEET	1	303.5
1.3.1981	PRINT	1	303.5
1.3.1982	THINK	1	303.5
1.3.1983	BEGIN	1	303.5
1.3.1984	SERVE	1	303.5
1.3.1985	DRIVE	1	303.5
1.3.1986	CLASS	1	303.5
1.3.1987	WATCH	1	303.5
1.3.1988	STUDY	1	303.5
1.3.1989	LEARN	1	303.5
1.3.1990	UNDER	1	303.4
1.3.1991	FIRST	1	303.4
1.3.1992	TXSRB	1	303.4
1.3.1993	ORACLE	1	303.4
1.3.1994	MATRIX	1	303.4
1.3.1995	SEARCH	1	303.4
1.3.1996	BOSON	1	303.4
1.3.1997	BRIDGE.DOGE	36	60.6
1.3.1998	BRIDGE.PIVX	1	0.0
1.3.1999	OPEN.EOS	65	0.1
1.3.2001	OPEN.OMG	7	0.0
1.3.2002	MOBILE	1	303.4
1.3.2004	SEGWIT	1	303.4
1.3.2005	MINER	1	303.4
1.3.2006	RATIO	1	303.4



Asset ID	Symbol	# Ops	Fee Total
1.3.2007	BRAND	1	303.4
1.3.2008	MEDIA	1	303.4
1.3.2009	WARRANT	1	303.4
1.3.2010	SPEED	1	303.4
1.3.2011	TIMES	1	303.4
1.3.2012	PAUSE	1	303.4
1.3.2013	LOCAL	1	303.4
1.3.2014	SIGMA	1	303.4
1.3.2015	OMEGA	1	303.4
1.3.2016	KAPPA	1	303.4
1.3.2017	ALPHABET	1	303.4
1.3.2018	GLYPH	1	303.4
1.3.2019	CHART	1	303.4
1.3.2020	MICRO	1	303.4
1.3.2021	TURKEY	1	303.4
1.3.2022	EGYPT	1	303.4
1.3.2026	ADMIN	1	303.4
1.3.2027	TOPIC	1	303.4
1.3.2028	THEME	1	303.4
1.3.2029	VIABTC	1	303.4
1.3.2030	LEVEL	1	303.4
1.3.2031	BRIDGE.XVG	4	0.7
1.3.2032	CHAIR	1	303.4
1.3.2034	PARTY	1	303.4
1.3.2035	TODAY	1	303.4
1.3.2036	MORGAN	1	303.4
1.3.2037	BYTES	1	303.4
1.3.2040	OCEAN	1	303.4
1.3.2042	LOGIN	1	303.4
1.3.2043	WHOIS	1	303.4
1.3.2047	UNITS	1	303.4
1.3.2048	SUPPLY	1	303.4
1.3.2049	CAPITAL	1	303.4
1.3.2050	OTHER	1	303.4
1.3.2051	FILMS	1	303.4
1.3.2055	CHECK	1	303.4
1.3.2056	CHAOS	1	303.4
1.3.2063	RQFII	1	303.4
1.3.2067	CITY	1	12,139.7
1.3.2068	DELHI	1	303.4
1.3.2069	LAGOS	1	303.4
1.3.2070	TOKYO	1	303.4
1.3.2071	MOSCOW	1	303.4
1.3.2072	LAHORE	1	303.4
1.3.2073	JAKARTA	1	303.4
1.3.2074	CAIRO	1	303.4

Asset ID	Symbol	# Ops	Fee Total
1.3.2075	DHAKA	1	303.4
1.3.2076	LONDON	1	303.4
1.3.2077	NEWYORK	1	303.4
1.3.2078	BANGKOK	1	303.4
1.3.2079	TEHRAN	1	303.4
1.3.2080	HONGKONG	1	303.4
1.3.2081	HANOI	1	303.4
1.3.2082	INDONESIA	1	303.4
1.3.2083	PAKISTAN	1	303.4
1.3.2084	MEXICO	1	303.4
1.3.2085	THAILAND	1	303.4
1.3.2086	VIETNAM	1	303.4
1.3.2088	DDDDDDDD	1	9.8
1.3.2089	BOOKS	1	303.4
1.3.2090	TOOLS	1	303.4
1.3.2092	LEGAL	1	303.4
1.3.2093	SAFER	1	303.4
1.3.2094	PAGES	1	303.4
1.3.2102	DEPTH	1	303.4
1.3.2103	PANDA	1	303.4
1.3.2104	ALTCOIN	1	303.4
1.3.2105	GERMANY	1	303.4
1.3.2106	SMARTECH	14	8.1
1.3.2108	POKER	1	303.4
1.3.2109	POISON	1	303.4
1.3.2110	DRUGS	1	303.4
1.3.2111	WAGER	1	303.4
1.3.2112	GAMBLE	1	303.4
1.3.2113	CIPHER	1	303.4
1.3.2114	ALOHA	1	600.0
1.3.2116	ALIEN	1	303.4
1.3.2117	PANAMA	1	303.4
1.3.2118	DUBAI	1	303.4
1.3.2119	EMCASH	1	303.4
1.3.2123	DOOR	1	12,139.7
1.3.2124	ARDR	1	12,139.7
1.3.2125	GUEST	1	303.4
1.3.2126	SHINE	1	303.4
1.3.2127	RULER	1	303.4
1.3.2128	FIBER	1	303.4
1.3.2129	SOLID	1	303.4
1.3.2130	INTER	1	303.4
1.3.2131	SKILLCOIN	28	303.5
1.3.2132	ONE	1	48,558.7
1.3.2133	AIRSWAP	1	303.4
1.3.2135	JOKER	1	303.5



Asset ID	Symbol	# Ops	Fee Total
1.3.2136	BINGO	1	303.5
1.3.2137	SPADE	1	303.5
1.3.2138	HEART	1	303.5
1.3.2139	DANCE	1	303.5
1.3.2140	KRONE	1	303.5
1.3.2141	RUPIAH	1	303.5
1.3.2142	TENGE	1	303.5
1.3.2143	KENYAN	1	303.5
1.3.2144	NAIRA	1	303.5
1.3.2145	RUPEE	1	303.5
1.3.2146	ZLOTY	1	303.5
1.3.2147	RIYAL	1	303.5
1.3.2148	KRONA	1	303.5
1.3.2149	FRANC	1	303.5
1.3.2150	TEXAS	1	303.5
1.3.2151	HOLDEM	1	303.4
1.3.2152	SPLIT	1	303.4
1.3.2153	ABCDE	1	303.4
1.3.2154	VORTEX	1	12.1
1.3.2155	PESO	1	12,139.7
1.3.2156	FAST	1	12,139.7
1.3.2157	DIGIT	1	303.4
1.3.2158	CARD	1	12,139.7
1.3.2159	PAY	1	48,558.7
1.3.2160	CLUB	1	12,139.7
1.3.2161	FIRE	1	12,139.7
1.3.2163	XRP	1	48,558.7
1.3.2164	SYNC	1	12,139.7
1.3.2165	GREEN	1	303.0
1.3.2166	YELLOW	1	303.0
1.3.2167	PURPLE	1	303.0
1.3.2168	SAFE	1	12,139.7
1.3.2169	CELL	1	12,139.7
1.3.2171	TOWER	1	303.4
1.3.2172	OWNER	1	303.4
1.3.2173	CARDANO	1	303.4
1.3.2174	PAPER	1	303.4
1.3.2175	ORIGIN	1	303.4
1.3.2176	FOCUS	1	303.4
1.3.2178	SORRY	1	303.4
1.3.2179	BRAIN	1	303.4
1.3.2180	UNION	1	303.4
1.3.2181	BEACH	1	303.4
1.3.2182	ALLOY	1	303.4
1.3.2183	TIGER	1	303.4
1.3.2184	NEBULA	1	303.4

Asset ID	Symbol	# Ops	Fee Total
1.3.2185	LEMON	1	303.4
1.3.2186	BOARD	1	303.4
1.3.2187	ORION	1	303.4
1.3.2188	SHARK	1	303.4
1.3.2189	EDU	1	48,558.7
1.3.2190	LARGE	1	303.4
1.3.2191	LIRA	1	12,139.7
1.3.2192	IDR	1	48,558.7
1.3.2193	ZERO	1	12,139.7
1.3.2194	LEDGE	2	303.5
1.3.2195	FORUM	1	303.4
1.3.2196	NAME	1	12,139.7
1.3.2197	SHILLING	1	303.4
1.3.2198	RINGGIT	1	303.4
1.3.2199	DIRHAM	1	303.4
1.3.2200	POUND	1	303.4
1.3.2201	OUNCE	1	303.4
1.3.2202	RCCOIN	11	40.3
1.3.2205	DREAMS	1	303.4
1.3.2208	XRPCASH	1	0.3
1.3.2212	WHITECOIN	19	151.4
1.3.2215	BRIDGE.EOT	898	2.2
1.3.2216	PANDACASH	1	216.1
1.3.2220	ARISTO	3	303.5
1.3.2222	PANDACOIN	21	236.2
1.3.2228	ETYCOIN	1	0.0
1.3.2229	BRIDGE.XIOS	97	0.2
1.3.2232	CZECH	1	303.4
1.3.2234	XYCOIN	62	30.4
1.3.2236	STRANGE	2	303.5
1.3.2242	ZEPHYR	1	303.4
1.3.2243	BONDUNITS	1	303.4
1.3.2244	BYCION	1	20,230.2
1.3.2248	METRO	1	303.4
1.3.2249	SWITCH	1	303.4
1.3.2253	SOURCE	1	303.4
1.3.2254	REIGN	1	303.4
1.3.2255	INR	1	48,558.7
1.3.2256	DEBT	1	12,139.7
1.3.2257	OWING	1	303.4
1.3.2263	LUMEN	1	303.4
1.3.2264	XLM	1	48,558.7
1.3.2265	XMR	1	48,558.7
1.3.2266	CYCLOS	4	0.0
1.3.2268	ZEC	1	48,558.7
1.3.2270	ISEEU	9	303.1



Asset ID	Symbol	# Ops	Fee Total
1.3.2271	TEZOS	2	8.5
1.3.2272	BRIDGE.EQT	58	0.1
1.3.2282	GRYPHON	24	0.3
1.3.2283	MUFFIN	1	7.6
1.3.2289	MARGIN	1	303.4
1.3.2290	BORDERLESS	5	0.1
1.3.2291	ZHUANGBI	1	29.8
1.3.2292	UMATS	2	303.5
1.3.2293	BRIDGE.ETHCA	25	0.1
1.3.2296	CNYT	1	12,139.7
1.3.2297	LZMSCORE	12	0.1
1.3.2298	AMERO	15	5.2
1.3.2299	EMERALD	10	0.0
1.3.2301	QASH	1	12,139.7
1.3.2302	POLKADOT	1	0.0
1.3.2303	XEM	1	48,558.7
1.3.2304	XBT	1	48,558.7

Table 654. Fees collected by blockchain during 2017-10 for limit order cancel operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	3,268,728	3,955.2
1.3.103	BTC	51	0.0
1.3.106	GOLD	6	0.0
1.3.113	CNY	1,381	0.8
1.3.120	EUR	4	0.0
1.3.121	USD	416	0.0
1.3.562	OBITS	8	0.0
1.3.569	OPENBTC	2	0.0
1.3.585	QBITS	1	0.3
1.3.614	GSTAMP	2	0.0
1.3.743	STEALTH	48	0.0
1.3.757	OPEN.USD	15	0.2
1.3.766	OPEN.EUR	1	0.0
1.3.802	PEWPS	7	0.8
1.3.832	BTCOIN	1	0.0
1.3.850	OPEN.ETH	158	0.0
1.3.853	IOU.BOO	1	0.0
1.3.856	OPEN.NSR	1	0.0
1.3.857	OPEN.PPC	1	0.0
1.3.858	OPEN.DASH	25	0.0
1.3.859	OPEN.LTC	29	0.0
1.3.860	OPEN.DOGE	16	0.6
1.3.861	OPEN.BTC	375	0.0
1.3.888	BANX	1	0.0
1.3.907	WECHAT	1	0.0
1.3.958	BTWTY	5	0.0

Asset ID	Symbol	# Ops	Fee Total
1.3.970	FUNC	9	0.0
1.3.973	OPEN.STEEM	16	0.0
1.3.977	OPEN.LISK	4	0.0
1.3.1007	NINJASOUL	2	0.0
1.3.1010	SPIES	4	0.0
1.3.1042	OPEN.USDT	25	0.0
1.3.1044	OPEN.MAID	1	0.0
1.3.1074	BBPINGJI	6	0.1
1.3.1093	YOYOW	50	0.6
1.3.1160	OPEN.GAME	3	0.0
1.3.1181	KAPITAL	6	0.0
1.3.1184	OPEN.NXC	3	0.0
1.3.1209	OPEN.WAVES	11	0.0
1.3.1229	SAVETHEPLANET	1	0.0
1.3.1247	WANGCHANGE	5	0.1
1.3.1259	GOLOS	2	0.0
1.3.1275	HYBRID	1	0.0
1.3.1276	WHALESHARE	6	6.0
1.3.1317	ZCOIN	1	0.0
1.3.1325	RUBLE	46	0.2
1.3.1352	QORA	13	0.0
1.3.1362	HERO	28	0.0
1.3.1406	OPEN.ZGC	2	0.0
1.3.1412	OPEN.GBG	9	0.0
1.3.1413	OCT	4	0.0
1.3.1420	ADXCU	6	0.0
1.3.1431	CHC	22	0.1
1.3.1433	ICOWT	1	1.0
1.3.1439	PPY	35	0.0
1.3.1453	KEXCOIN	7	0.0
1.3.1454	BEYONDDBIT	1	1.0
1.3.1458	OPEN.PPY	4	0.0
1.3.1473	CVCOIN	59	0.0
1.3.1484	APLUS	1	0.1
1.3.1538	RMB	51	0.1
1.3.1543	BUILDTEAM	3	0.0
1.3.1564	BRIDGE.BCO	166	1.0
1.3.1565	IPFS	6	0.0
1.3.1567	SMOKE	7	0.8
1.3.1569	ORANGE	1	0.0
1.3.1570	BRIDGE.BTC	179	0.0
1.3.1587	BTCX	27	0.0
1.3.1615	INS	8	0.0
1.3.1621	RUDEX.GOLOS	17	0.1
1.3.1627	OPEN.MUSEOL	4	0.0
1.3.1630	RUDEX.GBG	2	0.0



Asset ID	Symbol	# Ops	Fee Total
1.3.1631	BCDN	3	0.0
1.3.1643	POCKET	2	242.0
1.3.1649	PUTVSTRUMP	1	0.0
1.3.1886	ZGSTC	7	0.8
1.3.1892	RUDEX.MUSE	1	0.0
1.3.1898	BRIDGE.DASH	2	0.0
1.3.1900	BRIDGE.DGB	1	0.0
1.3.1944	GROUP	3	0.0
1.3.1997	BRIDGE.DOGE	1	0.0
1.3.1999	OPEN.EOS	46	0.0
1.3.2001	OPEN.OMG	1	0.0
1.3.2106	SMARTECH	11	0.0
1.3.2212	WHITECOIN	4	0.0
1.3.2215	BRIDGE.EOT	41	0.0
1.3.2222	PANDACOIN	1	0.0
1.3.2223	CFORT	4	0.0
1.3.2229	BRIDGE.XIOS	3	0.0
1.3.2231	MARKER	3	0.0
1.3.2234	XYCOIN	9	0.5
1.3.2282	GRYPHON	4	0.0
1.3.2293	BRIDGE.ETHCA	5	0.0

Table 655. Fees collected by blockchain during 2017-10 for call order update operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	13,751	166.8

Table 656. Fees collected by blockchain during 2017-10 for account create operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	24,722	44,660.8

Table 657. Fees collected by blockchain during 2017-10 for account update operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	1,127	20.8
1.3.113	CNY	9	0.1
1.3.850	OPEN.ETH	1	0.0
1.3.860	OPEN.DOGE	1	0.6
1.3.1000	NOPPES	1	0.0
1.3.1093	YOYOW	1	0.2
1.3.1538	RMB	1	0.0
1.3.1564	BRIDGE.BCO	1	0.1
1.3.1999	OPEN.EOS	1	0.0
1.3.2234	XYCOIN	1	1.0

Table 658. Fees collected by blockchain during 2017-10 for account whitelisting operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	65	78.9

Table 659. Fees collected by blockchain during 2017-10 for account upgrade operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	229	333,598.3
1.3.861	OPEN.BTC	2	0.2

Table 660. Fees collected by blockchain during 2017-10 for asset create operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	192	1,844,628.0

Table 661. Fees collected by blockchain during 2017-10 for asset update operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	128	3,111.9

Table 662. Fees collected by blockchain during 2017-10 for asset update BitAsset operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	7	424.9

Table 663. Fees collected by blockchain during 2017-10 for asset issue operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	8,922	1,952.9

Table 664. Fees collected by blockchain during 2017-10 for asset reserve operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	1,079	13.1

Table 665. Fees collected by blockchain during 2017-10 for asset fund fee pool operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	17	103.2

Table 666. Fees collected by blockchain during 2017-10 for asset settle operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	99	60.1

Table 667. Fees collected by blockchain during 2017-10 for asset publish feed operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	508,564	615.4



Table 668. Fees collected by blockchain during 2017-10 for witness create operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	3	1,821.0

Table 669. Fees collected by blockchain during 2017-10 for witness update operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	102	12.4

Table 670. Fees collected by blockchain during 2017-10 for proposal create operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	330	617.0

Table 671. Fees collected by blockchain during 2017-10 for proposal update operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	377	23.6

Table 672. Fees collected by blockchain during 2017-10 for vesting balance withdrawal operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	188	4,564.5

Table 673. Fees collected by blockchain during 2017-10 for worker create operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	4	2,427.9

Table 674. Fees collected by blockchain during 2017-10 for override transfer operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	73	886.6

Table 675. Fees collected by blockchain during 2017-10 for transfer to blind operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	10	34.0

Table 676. Fees collected by blockchain during 2017-10 for blind transfer operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	7	105.0

Table 677. Fees collected by blockchain during 2017-10 for transfer from blind operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	6	15.3

Table 678. Fees collected by blockchain during 2017-10 for asset claim fees operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	58	704.1

Fees Collected All-Time

Table 679. Fees collected by blockchain from 2015-10 through 2017-10 for transfer operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	539,634	1,281,377.9
1.3.103	BTC	85	0.0
1.3.105	SILVER	92	0.3
1.3.106	GOLD	13	0.0
1.3.113	CNY	11,076	2,836.9
1.3.118	GBP	7	0.1
1.3.120	EUR	186	6.6
1.3.121	USD	1,883	103.3
1.3.130	HLP	2	0.0
1.3.138	FUND	2	270,766.5
1.3.349	TRADE.LTC	7	0.3
1.3.350	TRADE.BTC	133	0.0
1.3.362	DOGECOIN	1	2.8
1.3.418	NEWBIE	103	246.4
1.3.422	AWCOIN	1,284	21,630.8
1.3.423	SYCOIN	4	360.0
1.3.472	METAFEES	24	0.3
1.3.541	AIWCNY	55	52.4
1.3.552	TIPSHARES	15	21,193.9
1.3.554	ELECTROTAXI	1	28.0
1.3.556	BOND.CNY	3	3.0
1.3.557	QWERTY	2	404.4
1.3.560	DORIAN	5	42.0
1.3.562	OBITS	1,667	755.1
1.3.566	OCASH	1	0.0
1.3.569	OPENBTC	262	0.1
1.3.577	OPENLTC	9	0.3
1.3.578	OPENDOGE	9	12,140.6
1.3.579	OPENDASH	11	0.5
1.3.580	OPENPPC	4	1.2
1.3.585	QBITS	223	219,705.6
1.3.587	FRESH	1	1.0
1.3.590	OPENMUSE	40	3,303.9
1.3.592	METAEX.BTC	29	0.0
1.3.593	METAEX.ETH	7	0.2
1.3.594	METAEX.NXT	3	20.5
1.3.595	SHMACK	1	3.0



Asset ID	Symbol	# Ops	Fee Total
1.3.599	TRADE.MUSE	66	6,504.3
1.3.607	PERKS	77	228.0
1.3.609	IOU.CNY	212	77.3
1.3.611	GNOTES	2	60.0
1.3.614	GSTAMP	70	13,392.9
1.3.616	GREENPOINT	15	0.6
1.3.619	USDTR	3	3.1
1.3.621	MINUTE	1	40.0
1.3.626	SANDWICH	5	0.7
1.3.628	BRICS	6	12,889.5
1.3.629	IOU.ABC	10	8.2
1.3.636	FLATEARTH	3	104.2
1.3.637	PLATINUM	2	63,906.2
1.3.638	LITECOIN	1	105,669.6
1.3.639	BTSFCX	10	2,260.2
1.3.642	IOU.PLS	2	73.6
1.3.658	FISTBUMP	48	1,469.8
1.3.659	OPENSESAME	57	1,073.9
1.3.660	HIGHFIVE	6	191.0
1.3.666	GREATIDEA	10	316.9
1.3.670	MEGUSTA	10	40.0
1.3.671	BEYONDBITCOIN	11	347.5
1.3.673	THANKYOU	8	198.9
1.3.678	KUDOS	3	96.3
1.3.680	PERCENT	14	443.4
1.3.684	NEURATEST	2	0.6
1.3.685	BEARHUG	3	93.0
1.3.688	SMILE	5	129.0
1.3.705	WARNING	1	32.1
1.3.708	TWEET	2	64.2
1.3.715	CREDO	2	3.0
1.3.720	BARRAS	1	0.0
1.3.734	TCNY	41	19.7
1.3.742	CRAPCOIN	10	339.9
1.3.743	STEALTH	31	0.6
1.3.744	SPERM	1	32.1
1.3.745	BLOCKCHAINFUND	4	92.5
1.3.746	ANTSHARE	16	1.2
1.3.747	BOSEG	5	124.9
1.3.749	QUANT	15	488.0
1.3.751	IOU.ANS	1	0.3
1.3.757	OPEN.USD	47	0.9
1.3.758	GAMEBET	15	185.3
1.3.766	OPEN.EUR	31	1.2
1.3.767	OPEN.CNY	2	0.4
1.3.776	OPENPOS	69	10.8

Asset ID	Symbol	# Ops	Fee Total
1.3.777	MERRY.CHRISTMAS	2	64.2
1.3.790	TRADE.DOGE	5	469.1
1.3.795	IOU.LBA	2	6.2
1.3.798	GOLDENTICKET	2	64.2
1.3.799	SILVERTICKET	4	32.8
1.3.800	COPPERTICKET	17	103.9
1.3.802	PEWPS	75	240,820.3
1.3.803	DISRUPTDAILY	1	2.1
1.3.804	SPORTS.SBLAFC	1	32.1
1.3.806	GRAND	2	0.0
1.3.808	BGIBTS	55	124.7
1.3.811	HUNDRED	1	0.0
1.3.814	OPEN.EMC	1	0.0
1.3.816	TRYBITSHARES	4	128.4
1.3.818	FREEROSS	1	33.0
1.3.822	COMPUCEEDS	5,150	1,878.8
1.3.825	IOU.LUCKY	11	32.1
1.3.826	OPENBK5	11	0.1
1.3.827	SOLCERT	26	26.0
1.3.828	OPEN.BKS	2	0.0
1.3.829	SUGAR	8	1.9
1.3.831	DEMNONCLINTON	4	28.0
1.3.833	WTICRUDGE	2	7.6
1.3.834	SPFIVE	1	6.6
1.3.839	SHAREBIT	40	680.1
1.3.841	LOCALASSET	2	64.8
1.3.842	EDEV	60	1.8
1.3.843	FEDEV	12	32.6
1.3.849	BTSR	460	163.3
1.3.850	OPEN.ETH	2,215	1.5
1.3.851	IOU.RMB	3	3.0
1.3.854	OPEN.MUSE	54	1,034.2
1.3.855	OPEN.NBT	69	0.2
1.3.857	OPEN.PPC	3	0.1
1.3.858	OPEN.DASH	367	0.4
1.3.859	OPEN.LTC	512	1.5
1.3.860	OPEN.DOGE	53	832.7
1.3.861	OPEN.BTC	8,668	0.2
1.3.868	BOTFUND.USD	1	1.0
1.3.872	KOKADUKATS	2	0.1
1.3.888	BANX	1	0.2
1.3.897	BTCPLUS	78	0.0
1.3.898	AUKSINAS	9	1.4
1.3.899	ENTREPRENEUR	5	8.5
1.3.903	SCISHARES	2	1.8
1.3.907	WECHAT	129	84.2



Asset ID	Symbol	# Ops	Fee Total
1.3.913	TIMEKOIN	1	2.0
1.3.921	CASH.USD	1,050	15.1
1.3.924	PEERPLAYS	18	0.2
1.3.933	MKR	163	0.2
1.3.938	REPUTATION	3	0.0
1.3.943	CADASTRAL	245	7.1
1.3.946	KITTY	18	4,843.6
1.3.950	CAYMAN	376	5.7
1.3.956	BTSPLUS	2	0.1
1.3.957	YXCOIN	4	1,056.8
1.3.958	BTWTY	17	0.0
1.3.969	GCSWI	1	0.0
1.3.970	FUNC	538	89.6
1.3.973	OPEN.STEEM	338	31.3
1.3.975	LISKICO	2	5.4
1.3.976	CASH.BTC	1	0.0
1.3.977	OPEN.LISK	76	75.8
1.3.979	OPEN.DGD	296	0.8
1.3.980	FIMKRYPTO	9	258.0
1.3.981	DUPCOIN	1	3,421.1
1.3.982	BIKEJI	24	24.0
1.3.983	WORTHLESS	22	0.1
1.3.984	WORTHMORE	300	0.0
1.3.986	TRUMP	13	0.0
1.3.987	CLINTON	1	0.0
1.3.988	SANDERS	8	18.5
1.3.989	WASHINGTON	1	0.0
1.3.990	FRANKLIN	6	0.0
1.3.991	FREEDOM	2	0.0
1.3.992	UNITEDSTATES	1	0.0
1.3.993	EUROPE	5	0.0
1.3.994	JINBI	88	33.0
1.3.996	YASHA	12	11.8
1.3.998	WETSTOCK	346	5.4
1.3.999	DRYSTOCK	216	3.4
1.3.1001	HYPECOIN	1	0.0
1.3.1004	BLOCKAR	341	899.3
1.3.1005	OPEN.DAO	26	73.6
1.3.1006	ICOO	456	11.7
1.3.1007	NINJASOUL	47	218.2
1.3.1010	SPIES	3,322	65.3
1.3.1011	TRADE.USDLABOR	3	0.7
1.3.1013	RETAILSET	403	9.0
1.3.1017	ARS	1	0.1
1.3.1018	TRANS.DAO	11	0.7
1.3.1020	OPEN.MKR	3	3.3

Asset ID	Symbol	# Ops	Fee Total
1.3.1022	LISK	2	0.5
1.3.1032	TRANS.ETH	10	0.0
1.3.1041	OPEN.OMNI	11	0.4
1.3.1042	OPEN.USDT	170	1.5
1.3.1043	OPEN.AGRS	2	3.1
1.3.1044	OPEN.MAID	87	62.1
1.3.1046	OPEN.AMP	23	26.4
1.3.1048	BIBAO	12,228	3.7
1.3.1050	JUBAO	24	0.0
1.3.1052	PPCNY	24	0.0
1.3.1053	YINCOIN	1	2.7
1.3.1056	FIMK	20	389.1
1.3.1064	OPEN.HEAT	178	4,472.5
1.3.1065	CRYPTOCEEDS	22	0.1
1.3.1069	OPEN.ARDR	13	23.2
1.3.1070	OPEN.SBD	118	14.8
1.3.1071	HONGLI	2	0.2
1.3.1072	BLOCKPAY	805	56.9
1.3.1077	ETHWAR	2	1.6
1.3.1079	OPEN.DEOS	39	109.1
1.3.1080	FAISAL	3	7.0
1.3.1081	ETCOIN	12	0.7
1.3.1092	REALITY	10	0.2
1.3.1093	YOYOW	1,400	18,133.3
1.3.1094	HOTHEART	3	10.5
1.3.1100	RISKER	24	0.4
1.3.1102	HONEYCOIN	2	1.6
1.3.1104	BLKONE	1	2.8
1.3.1109	YYBTS	120	312,442.7
1.3.1139	NIHAO	31	82.4
1.3.1140	ZCASH	1	0.0
1.3.1144	BAHT	1	0.0
1.3.1152	OPEN.GRC	46	61.7
1.3.1160	OPEN.GAME	40	10.5
1.3.1161	OPEN.INCNT	217	169.8
1.3.1181	KAPITAL	483	37.8
1.3.1182	SAXIONEIRO	5	13.2
1.3.1184	OPEN.NXC	42	84.9
1.3.1188	HEMPSWEET	1	2.7
1.3.1196	OPEN.DCT	6	1.4
1.3.1199	TASKMANAGER	1	0.0
1.3.1200	TREISM	2	0.0
1.3.1205	OBITS.WARRANT	39	0.6
1.3.1209	OPEN.WAVES	53	21.0
1.3.1210	OKCASHBAG	1	0.3
1.3.1211	VIRGROW	156	0.4



Asset ID	Symbol	# Ops	Fee Total
1.3.1224	STEEMP	3	0.1
1.3.1226	MERRYCHRISTMAS	3	0.8
1.3.1229	SAVETHEPLANE	27	26.9
1.3.1236	MONEDAPAR	408	144.1
1.3.1247	WANGCHANGE	337	444.7
1.3.1248	THIRSTY	5	0.0
1.3.1259	GOLOS	1	0.4
1.3.1262	ALTCAP.XDR	1	0.1
1.3.1264	WHALESHARES	58	69.3
1.3.1267	GALLEON	5	0.0
1.3.1272	ETFBTC	7	9.9
1.3.1274	PPBITS	1	1.0
1.3.1276	WHALESHARE	1,443	1,522.0
1.3.1281	APPX.WARRANT	4	0.0
1.3.1286	KEEPCOIN	11	27.2
1.3.1288	USDTETHERDEF	17	0.4
1.3.1289	DINAR	3	7.9
1.3.1290	BBBAA	1	3.0
1.3.1292	DEXBTC	2	0.0
1.3.1299	TESTCOIN	5	10.6
1.3.1317	ZCOIN	9	0.3
1.3.1318	LILWANGS	19	32.8
1.3.1325	RUBLE	442	1,451.2
1.3.1327	LEOBUZZ	201	566.4
1.3.1329	NECTAR	1	1.4
1.3.1331	IOU.BCS	25	63.7
1.3.1345	TRUMPSUCKS	22	29.0
1.3.1347	EVETAB	7	0.7
1.3.1352	QORA	141	28.4
1.3.1353	OPEN.EXCL	6	0.2
1.3.1355	VIVACOIN	1	0.0
1.3.1356	TRUMPRULES	1	0.2
1.3.1357	OPEN.NUSHARES	4	466.4
1.3.1359	TATCHCOIN	22	0.0
1.3.1361	MYCOIN	4	2.0
1.3.1362	HERO	18	0.0
1.3.1363	SBUZZ	50	14.0
1.3.1368	TOKENOFTOKENS	18	0.0
1.3.1374	ZAPPL	1	0.0
1.3.1375	MEGATILT	3	3.9
1.3.1381	PATAGON	4	0.0
1.3.1385	CRECE	1	0.2
1.3.1388	OPEN.ETP	32	0.7
1.3.1389	ZENGOLD	20	7.9
1.3.1399	ASKCOIN	1	0.2

Asset ID	Symbol	# Ops	Fee Total
1.3.1405	KARMAKOIN	3	0.0
1.3.1406	OPEN.ZGC	94	21.7
1.3.1411	OPEN.GOLOS	34	5.9
1.3.1412	OPEN.GBG	31	8.4
1.3.1413	OCT	145	51.0
1.3.1415	KPL	62	42.9
1.3.1419	ADXWU	1	0.2
1.3.1420	ADXCU	2	0.5
1.3.1431	CHC	1	0.4
1.3.1433	ICOWT	1	2.0
1.3.1435	TOPSOL	104	24.8
1.3.1437	ONECHAT	2	0.5
1.3.1439	PPY	221	4.0
1.3.1451	MVS.ZENDAO	6	6.1
1.3.1453	KEXCOIN	3	0.7
1.3.1454	BEYONDBIT	268	536.0
1.3.1458	OPEN.PPY	65	0.4
1.3.1461	BALCOIN	1	0.2
1.3.1464	LZKJF	4	266.1
1.3.1465	LZKGF	1	6.6
1.3.1467	BTBOXS	1	0.2
1.3.1473	CVCOIN	178	10.7
1.3.1475	PEERCROWDFUND	5	1.5
1.3.1479	COLOR	2	0.4
1.3.1498	AVERS	1	0.2
1.3.1499	PRIZE	42	4.2
1.3.1523	NARWHALS	5	0.6
1.3.1538	RMB	236	108.7
1.3.1540	IOU.ETH	7	1.6
1.3.1543	BUILDTIME	17	3.9
1.3.1545	CNYCOIN	2	0.4
1.3.1549	LFNCOIN	479	115.9
1.3.1552	GMBIT	25	5.8
1.3.1555	VOICESHARE	9	2.1
1.3.1562	CBRIDGE.BCO	3	7.1
1.3.1564	BRIDGE.BCO	232	243.7
1.3.1565	IPFS	10	0.2
1.3.1567	SMOKE	6	32.3
1.3.1568	ICLUB	30	0.3
1.3.1569	ORANGE	3	0.7
1.3.1570	BRIDGE.BTC	608	0.0
1.3.1573	INSPIRATION	1	0.2
1.3.1578	BADCOIN	1	233.2
1.3.1580	ADXIOU	1	0.2
1.3.1581	VEN	1,250	222.2
1.3.1582	VEN.WARRANT	6	18.0



Asset ID	Symbol	# Ops	Fee Total
1.3.1587	BTCX	2	0.5
1.3.1588	ATMATRIX	11	8.6
1.3.1590	STRLT	1	0.2
1.3.1596	TRUMPCOIN	3	0.7
1.3.1599	HPB	12	1.5
1.3.1601	BRIDGE.BCH	7	0.0
1.3.1608	LOVESHARES	2	0.0
1.3.1615	INS	19	4.4
1.3.1617	QCNY	410	92.8
1.3.1621	RUDEX.GOLOS	71	31.8
1.3.1626	ISHOPCOIN	2	0.5
1.3.1627	OPEN.MUSEOL	10	0.2
1.3.1630	RUDEX.GBG	26	11.6
1.3.1631	BCDN	101	45.6
1.3.1632	BCDN.WARRANT	3	6.2
1.3.1635	IMIAO	15	1.6
1.3.1638	ICOFUND	1	0.2
1.3.1642	UTDEV	4	0.5
1.3.1643	POCKET	17	384,831.0
1.3.1844	ISHOP	1	0.2
1.3.1854	WESHOP	2	0.5
1.3.1859	ECASH	4	0.9
1.3.1864	IVORY	2	0.4
1.3.1875	SANCHAIN	13	0.3
1.3.1884	BOLIVARBITS	4	1.8
1.3.1886	ZGSTC	42	917.7
1.3.1887	LEITC	2	0.1
1.3.1888	BRIDGE.LTC	14	0.0
1.3.1895	RUDEX.STEEM	4	0.2
1.3.1896	RUDEX.SBD	49	1.9
1.3.1900	BRIDGE.DGB	1	3.5
1.3.1997	BRIDGE.DOGE	2	0.1
1.3.1999	OPEN.EOS	38	1.4
1.3.2031	BRIDGE.XVG	2	7.1
1.3.2106	SMARTECH	10	2.3
1.3.2212	WHITECOIN	3	0.3
1.3.2215	BRIDGE.EOT	80	3.8
1.3.2216	PANDACASH	4	0.9
1.3.2222	PANDACOIN	33	8.2
1.3.2228	ETYCOIN	4	0.9
1.3.2229	BRIDGE.XIOS	46	2.2
1.3.2231	MARKER	6	1.4
1.3.2234	XYCOIN	88	770.5
1.3.2270	ISEEU	1	0.2
1.3.2272	BRIDGE.EQT	1	0.0
1.3.2273	RADIOCOIN	9	2.1

Asset ID	Symbol	# Ops	Fee Total
1.3.2282	GRYPHON	8	1.9
1.3.2290	BORDERLESS	55	12.0
1.3.2291	ZHUANGBI	24	0.5
1.3.2293	BRIDGE.ETHCA	12	0.6
1.3.2297	LZMSCORE	3	0.7
1.3.2298	AMERO	184	40.3
1.3.2299	EMERALD	6	0.0

Table 680. Fees collected by blockchain from 2015-10 through 2017-10 for limit order create operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	34,035,430	2,210,064.3
1.3.103	BTC	1,259	0.1
1.3.105	SILVER	401	137.1
1.3.106	GOLD	307	1.8
1.3.110	RUB	5	4.9
1.3.113	CNY	52,361	40,175.2
1.3.118	GBP	7	0.1
1.3.120	EUR	284	1,054.0
1.3.121	USD	11,081	78.7
1.3.130	HLP	2	0.0
1.3.138	FUND	14	99,726,660.0
1.3.349	TRADE.LTC	5	5.7
1.3.350	TRADE.BTC	287	0.1
1.3.362	DOGECOIN	1	97.2
1.3.397	ALTFUND	261	2,404.2
1.3.418	NEWBIE	16	52.2
1.3.422	AWCOIN	207	7,352.7
1.3.423	SYCOIN	4	70.0
1.3.438	UIATEST	1	14.7
1.3.439	UIATESTA	2	0.0
1.3.472	METAFEES	264	1.7
1.3.541	AIWCNY	243	1,853.1
1.3.552	TIPSHARES	209	2,270.5
1.3.554	ELECTROTAXI	24	24,970.8
1.3.555	HRYVNA	11	24,999.2
1.3.556	BOND.CNY	5	47.0
1.3.557	QWERTY	44	267.8
1.3.562	OBITS	2,967	1,159.9
1.3.569	OPENBTC	731	0.1
1.3.577	OPENLTC	31	0.4
1.3.578	OPENDOGE	67	21,671.5
1.3.579	OPENDASH	60	1.0
1.3.580	OPENPPC	1	0.1
1.3.585	QBITS	985	50,109.4
1.3.588	TRADE.DASH	1	0.0
1.3.590	OPENMUSE	579	57,197.9



Asset ID	Symbol	# Ops	Fee Total
1.3.592	METAEX.BTC	164	0.0
1.3.593	METAEX.ETH	3	0.0
1.3.594	METAEX.NXT	16	80.0
1.3.597	FREEBIE	2	125.0
1.3.599	TRADE.MUSE	154	10,994.2
1.3.604	SHARE	2	20.0
1.3.606	IOU	1,008	500,000.0
1.3.607	PERKS	37	421.9
1.3.608	PENCIL	1	100.0
1.3.609	IOU.CNY	989	6,141.8
1.3.611	GNOTES	6	150.0
1.3.612	GBANK	35	3,525.0
1.3.614	GSTAMP	188	14,572.8
1.3.616	GREENPOINT	21	0.2
1.3.619	USDTR	8	2,496.9
1.3.620	SECOND	1	10.0
1.3.625	BREAKOUT.BTC	1	10.0
1.3.626	SANDWICH	30	20,023.7
1.3.627	REPUBLIC	1	255.0
1.3.628	BRICS	246	229,496.4
1.3.629	IOU.ABC	237	2,601.6
1.3.630	IOU.BTSABC	2	2,500.0
1.3.637	PLATINUM	2	20,000.0
1.3.638	LITECOIN	9	5,964.7
1.3.639	BTSFCX	3	300.0
1.3.642	IOU.PLS	3	2,426.4
1.3.656	PETROCHINA	1	10.0
1.3.658	FISTBUMP	103	1,030.0
1.3.659	OPENSESAME	2	98.0
1.3.660	HIGHFIVE	231	2,309.0
1.3.662	OPENNBT	1	0.0
1.3.666	GREATIDEA	218	2,180.0
1.3.669	PROFIT	2	576.0
1.3.670	MEGUSTA	5	238.9
1.3.671	BEYONDBITCOIN	4	40.0
1.3.672	BROFIST	3	10,200.0
1.3.673	THANKYOU	230	2,300.0
1.3.676	TRUST	1	10.0
1.3.678	KUDOS	240	2,400.0
1.3.679	BLOCK	1	299.0
1.3.680	PERCENT	205	2,050.0
1.3.686	THUMBSUP	1	2,500,000,010.0
1.3.687	THUMBSDOWN	1	2,500.0
1.3.688	SMILE	237	2,370.0
1.3.696	TOKEN	1	300.0
1.3.708	TWEET	243	2,435.8

Asset ID	Symbol	# Ops	Fee Total
1.3.715	CREDO	3	2,464.0
1.3.720	BARRAS	31	13.0
1.3.721	DOLLARS	1	2,500.0
1.3.722	EUROS	1	2,500.0
1.3.723	POUNDS	1	2,500.0
1.3.724	YUAN	8	130,000.0
1.3.725	YUANS	1	2,500.0
1.3.726	XBITCOIN	1	2,500.0
1.3.730	PETROBRAS	1	10.0
1.3.732	ORBIT	2	2,499.0
1.3.734	TCNY	59	110.6
1.3.742	CRAPCOIN	216	2,160.0
1.3.743	STEALTH	224	0.2
1.3.744	SPERM	2	20.0
1.3.745	BLOCKCHAINFOUND	7	58.2
1.3.746	ANTSHARE	31	111.4
1.3.747	BOSEG	3	30.0
1.3.749	QUANT	1	1.0
1.3.750	CONNECT	3	0.0
1.3.751	IOU.ANS	246	24.6
1.3.753	OSCAR	1	0.0
1.3.754	SWIFT	1	2,499.9
1.3.757	OPEN.USD	61	15.4
1.3.758	GAMEBET	2	2,314.5
1.3.766	OPEN.EUR	259	11.1
1.3.767	OPEN.CNY	3	30.8
1.3.770	FALLOUT	2	110.0
1.3.771	BOTTLECAPS	3	2,500.0
1.3.773	CALORIE	1	4,845.7
1.3.776	OPENPOS	59	88.8
1.3.781	ABTSLA	250	250.0
1.3.787	BASKET	1	2,499.9
1.3.790	TRADE.DOGE	17	83.2
1.3.794	PAYBACK	1	2,500,000,020,000.0
1.3.795	IOU.LBA	237	2,438.2
1.3.796	REPGENSIXTEEN	2	20.0
1.3.800	COPPERTICKET	2	412.1
1.3.801	BTCPREDICT	2	20.0
1.3.802	PEWPS	21	9,054.9
1.3.804	SPORTS.SBLAFC	246	2,460.0
1.3.806	GRAND	9	2.5
1.3.808	BGIBTS	1,289	708.6
1.3.809	MILLION	2	0.0
1.3.814	OPEN.EMC	30	16.6
1.3.816	TRYBITSHARES	3	30.0
1.3.820	SPORTS.NFLAFC	145	1,450.0



Asset ID	Symbol	# Ops	Fee Total
1.3.821	SPORTS.NFLNFC	4	40.0
1.3.822	COMPUCEEDS	6,241	1,285.0
1.3.823	CONNECT.BTC	6	0.0
1.3.825	IOU.LUCKY	223	2,162.9
1.3.826	OPENBK5	22	1.2
1.3.827	SOLCERT	6	164.0
1.3.828	OPEN.BKS	8	1.2
1.3.829	SUGAR	65	2,498.1
1.3.830	REPNOMTRUMP	2	0.3
1.3.831	DEMNOMCLINTON	1	6,221.7
1.3.832	BTCOIN	90	2,500.1
1.3.833	WTICRUDE	8	200.0
1.3.834	SPFIVE	6	125.4
1.3.835	SWALLOW	3	25.0
1.3.839	SHAREBIT	38	32.2
1.3.842	EDEV	7	14,442.6
1.3.843	FEDEV	4	49.2
1.3.847	ENDWAR	2	2.0
1.3.848	CONNECT.USD	2	2,500.0
1.3.849	BTSR	459	5,123.4
1.3.850	OPEN.ETH	4,291	1.5
1.3.851	IOU.RMB	60	69.0
1.3.852	IOU.BO	250	2,500.0
1.3.853	IOU.BOO	251	2,500.1
1.3.854	OPEN.MUSE	365	11,462.8
1.3.855	OPEN.NBT	30	6.5
1.3.856	OPEN.NSR	9	4,999.7
1.3.857	OPEN.PPC	22	27.9
1.3.858	OPEN.DASH	447	1.1
1.3.859	OPEN.LTC	717	3.4
1.3.860	OPEN.DOGE	248	292,473.9
1.3.861	OPEN.BTC	23,512	0.8
1.3.865	ZARBTS	1	13.9
1.3.868	BOTFUND.USD	1	1.0
1.3.870	IOU.MUSE	236	23.6
1.3.872	KOKADUKATS	3	6.2
1.3.873	MAIDSAFECOIN	1	2,500.0
1.3.874	MAIDSAFE	1	2,500.0
1.3.875	PEERCOIN	1	2,500.0
1.3.876	EMERCOIN	1	2,500.0
1.3.877	FACTOM	1	2,500.0
1.3.878	NUSHARES	1	2,500.0
1.3.879	DECRED	1	2,500.0
1.3.880	STARTCOIN	1	2,500.0
1.3.881	GETGEMS	1	2,500.0
1.3.882	COUNTERPARTY	1	2,500.0

Asset ID	Symbol	# Ops	Fee Total
1.3.883	NAMECOIN	1	2,500.0
1.3.884	STORJ	1	2,500.0
1.3.885	SYSCOIN	1	2,500.0
1.3.886	RADIUM	1	2,500.0
1.3.888	BANX	69	6,499.8
1.3.890	ETHER	1	2,500.0
1.3.891	YBCOIN	1	2,500.0
1.3.892	XBTC	1	130,000.0
1.3.893	VPNCOIN	1	2,500.0
1.3.895	VOXEL	1	2,500.0
1.3.896	NXTCOIN	1	2,500.0
1.3.897	BTCPLUS	719	0.6
1.3.898	AUKSINAS	5	938.1
1.3.904	STAMP	1	2,500.0
1.3.905	COIN	1	130,000.0
1.3.906	CHINA	1	2,500.0
1.3.907	WECHAT	1	0.0
1.3.908	WECHAT.PHUKET	4	2,500.0
1.3.909	METAL	1	2,500.0
1.3.910	AGORAS	1	2,500.0
1.3.911	MINUTES	2	2,500.0
1.3.913	TIMEKOIN	2	998.0
1.3.914	PEOPLE	34	251.3
1.3.921	CASH.USD	1	0.0
1.3.924	PEERPLAYS	580	0.8
1.3.926	DASH	1	1,300.0
1.3.933	MKR	657	255.7
1.3.936	COINDAYS	2	5,846,756,730.0
1.3.937	COINSECONDS	1	584,676,701,000,000.0
1.3.938	REPUTATION	10	5.1
1.3.940	REVO	1	233,864.4
1.3.943	CADASTRAL	418	53.6
1.3.945	JPBIT.PT	4	100.0
1.3.946	KITTY	18	264.2
1.3.948	PATRICK	1	1.8
1.3.949	TOLLFREEMINUTES	6	0.9
1.3.950	CAYMAN	465	17.3
1.3.951	IOU.AAA	3	3,669.1
1.3.952	ALTCAP	2	0.1
1.3.953	OWNCOINTRAY	1	0.0
1.3.956	BTSPLUS	12	36.6
1.3.957	YXCOIN	1	865,875.3
1.3.958	BTWTY	86	0.0
1.3.960	IOU.BBB	1	3,669.2
1.3.961	IOU.CCC	1	3,669.2
1.3.962	IOU.DDD	1	3,669.3



Asset ID	Symbol	# Ops	Fee Total
1.3.963	IOU.EEE	1	3,669.2
1.3.964	IOU.FFF	1	3,669.3
1.3.966	MILLIONTDD	13	5,668.3
1.3.967	ABJMARRYME	7	7.0
1.3.969	GCSWI	2	431.9
1.3.970	FUNC	330	17,041.3
1.3.971	SONY	1	0.1
1.3.972	TOYOTA	4	3,668,771.7
1.3.973	OPEN.STEEM	782	845.0
1.3.975	LISKICO	7	50.9
1.3.976	CASH.BTC	2	0.0
1.3.977	OPEN.LISK	166	16.1
1.3.978	LEDGER	1	3,669.2
1.3.979	OPEN.DGD	921	22.2
1.3.980	FIMKRYPTO	137	4,553.1
1.3.983	WORTHLESS	1,879	206,677.3
1.3.984	WORTHMORE	94	0.0
1.3.985	ALTCAP.X	4	0.0
1.3.986	TRUMP	51	0.3
1.3.987	CLINTON	42	352,224.9
1.3.988	SANDERS	73	22,014.7
1.3.989	WASHINGTON	27	146,760.3
1.3.990	FRANKLIN	492	440,280.0
1.3.991	FREEDOM	304	587,040.0
1.3.992	UNITEDSTATES	7	0.0
1.3.993	EUROPE	25	0.0
1.3.994	JINBI	6	1,801.7
1.3.998	WETSTOCK	135	4.4
1.3.999	DRYSTOCK	112	5.0
1.3.1005	OPEN.DAO	103	15.0
1.3.1006	ICOO	947	1,322.5
1.3.1007	NINJASOUL	75	27,072.7
1.3.1010	SPIES	379	22.0
1.3.1013	RETAILSET	86	4.3
1.3.1017	ARS	3	0.0
1.3.1018	TRANS.DAO	13	90.9
1.3.1019	SASOL	3	0.4
1.3.1020	OPEN.MKR	12	1.8
1.3.1022	LISK	20	2,840.6
1.3.1041	OPEN.OMNI	2	0.0
1.3.1042	OPEN.USDT	280	46.2
1.3.1043	OPEN.AGRS	1	0.0
1.3.1044	OPEN.MAID	104	12.9
1.3.1045	OPEN.EURT	1	0.0
1.3.1046	OPEN.AMP	10	241.0
1.3.1047	GRIDCOIN	1	0.1

Asset ID	Symbol	# Ops	Fee Total
1.3.1048	BIBAO	8	0.2
1.3.1053	YINCOIN	1	3,666.6
1.3.1054	JINCOIN	1	3,669.0
1.3.1056	FIMK	215	1,026,955.1
1.3.1057	DIGIXDAO	1	3,669.0
1.3.1058	THEDAO	1	3,669.0
1.3.1059	EXPANSE	1	3,669.0
1.3.1060	WAVES	1	3,669.0
1.3.1061	ARTHURCOIN	2	5,044.0
1.3.1064	OPEN.HEAT	321	324.0
1.3.1065	CRYPTOCEEDS	554	7.4
1.3.1066	SSTEEM	3	3,668.6
1.3.1068	OCEANIA	24	36.7
1.3.1069	OPEN.ARDR	15	1.4
1.3.1070	OPEN.SBD	232	83.4
1.3.1071	HONGLI	1	146.0
1.3.1072	BLOCKPAY	285	57.2
1.3.1074	BBPINGJI	5	3,669.3
1.3.1077	ETHWAR	5	3,667.5
1.3.1079	OPEN.DEOS	11	1.6
1.3.1080	FAISAL	10	3,662.1
1.3.1081	ETCOIN	19	41.4
1.3.1085	JIJIN	1	3,669.2
1.3.1092	REALITY	26	406.6
1.3.1093	YOYOW	1,155	5,235.6
1.3.1094	HOTHEART	3	6,569.5
1.3.1097	BTSSBUG	1	3,669.0
1.3.1098	JESUS	2	135.8
1.3.1100	RISKER	294	20.5
1.3.1102	HONEYCOIN	1	1,000.5
1.3.1108	PAYMASTER	2	3,669.0
1.3.1109	YYBTS	14	3,356,691.9
1.3.1110	PINGAN	1	3,669.0
1.3.1111	JIANKANG	1	3,669.0
1.3.1112	ENTER	1	3,669.0
1.3.1113	HELLO	1	3,669.0
1.3.1114	WENHUA	1	3,669.0
1.3.1115	BAOXIAN	1	3,669.0
1.3.1116	BAIDU	1	3,669.0
1.3.1117	TMALL	1	3,669.0
1.3.1118	HOTEL	1	3,669.0
1.3.1126	CNRMB	1	3,669.0
1.3.1127	VIDEO	1	3,669.0
1.3.1128	SOUND	1	3,669.0
1.3.1129	PHONE	1	3,669.0
1.3.1130	VIRUS	1	3,669.0



Asset ID	Symbol	# Ops	Fee Total
1.3.1131	MODEL	1	3,669.0
1.3.1132	PHOTO	1	3,669.0
1.3.1133	MOUSE	1	3,669.0
1.3.1139	NIHAO	21	4,026.4
1.3.1140	ZCASH	114	1.2
1.3.1141	SURPRISE	1	3,669.0
1.3.1146	JAPAN	1	3,669.0
1.3.1152	OPEN.GRC	384	4,907.3
1.3.1159	GAMES	1	3,668.0
1.3.1160	OPEN.GAME	248	9.9
1.3.1161	OPEN.INCNT	474	930.7
1.3.1162	STARS	2	0.0
1.3.1164	ELOAD	4	0.4
1.3.1165	IOU.XFQ	1	3,669.3
1.3.1168	CRYPTOINDEX	76	2,337.9
1.3.1169	TRANS.ANS	4	55.0
1.3.1178	BKT	1	587,054.0
1.3.1181	KAPITAL	1,943	147.3
1.3.1183	GAME	1	146,763.0
1.3.1184	OPEN.NXC	61	7.5
1.3.1188	HEMPSWEEET	9	2.2
1.3.1189	ASSET	1	3,669.0
1.3.1191	FRONTIER.USD	3	44.0
1.3.1193	HARUKI	4	7,338.6
1.3.1196	OPEN.DCT	28	2.4
1.3.1199	TASKMANAGER	50	36.7
1.3.1200	TREISM	4	55.0
1.3.1202	IOU.BAO	1	3,669.7
1.3.1203	IOU.QIANG	1	3,669.7
1.3.1204	TBBSAR	1	3,678.0
1.3.1205	OBITS.WARRANT	43	416.5
1.3.1209	OPEN.WAVES	173	10.9
1.3.1210	OKCASHBAG	3	3.7
1.3.1211	VIRGROW	1,049	3.2
1.3.1214	TRAIL	10	366.9
1.3.1215	VIBERZ	12	3,669.2
1.3.1216	PASSWORD	1	3,669.0
1.3.1224	STEEMP	2	109.9
1.3.1225	NEWBTC	1	14.7
1.3.1226	MERRYCHRISTMAS	14	366.1
1.3.1228	FLASH	9	366.9
1.3.1229	SAVETHEPLANE	6	348.0
1.3.1231	INVEST.MUSIC	4	0.6
1.3.1232	INVEST.GAME	7	1.0
1.3.1234	BLOCKCHAIN.INDEX	7	0.1

Asset ID	Symbol	# Ops	Fee Total
1.3.1238	VENOCOIN	1	0.0
1.3.1239	VENODOLAR	1	14.4
1.3.1241	LIVENET	1	3,669.1
1.3.1247	WANGCHANGE	470	43.9
1.3.1248	THIRSTY	2	0.7
1.3.1249	SEXAV	1	3,669.0
1.3.1250	SEXTV	1	3,669.0
1.3.1251	MAGIC	1	3,669.0
1.3.1252	BIBLE	1	3,669.0
1.3.1253	DEMON	1	3,669.0
1.3.1254	HORSE	1	3,669.0
1.3.1255	BREAD	1	3,669.0
1.3.1256	JEWEL	1	3,669.0
1.3.1257	HONEY	1	3,669.0
1.3.1258	SEX	1	587,053.0
1.3.1259	GOLOS	20	535.4
1.3.1262	ALTCAP.XDR	9	382.4
1.3.1263	TETHERUSD	2	11.0
1.3.1265	LEOUSD	2	0.0
1.3.1266	LEOGBP	1	0.0
1.3.1267	GALLEON	32	3.7
1.3.1272	ETFBTC	10	1,824.7
1.3.1274	PPBITS	2	72.0
1.3.1275	HYBRID	7	14.7
1.3.1276	WHALESHARE	140	140.0
1.3.1277	LEARNCOIN	2	9,934.0
1.3.1279	RADIX	1	3,669.0
1.3.1281	APPX.WARRANT	2	10.1
1.3.1282	JIYEBI	6	399.0
1.3.1285	KEEPC	4	0.6
1.3.1286	KEEPCOIN	8	1.2
1.3.1288	USDTETHERDEF	1	366.6
1.3.1289	DINAR	1	0.1
1.3.1290	BBBAA	1	33.0
1.3.1295	USDT	1	146.8
1.3.1296	MAID	1	146.8
1.3.1297	DEXCOIN	1	3,669.0
1.3.1299	TESTCOIN	107	18.0
1.3.1300	WANGCENTS	3	45.0
1.3.1301	ETH	1	587.1
1.3.1302	STEEMFACTORY	14	801.7
1.3.1316	STEEMBOOST	1	36.6
1.3.1317	ZCOIN	6	43.7
1.3.1318	LILWANGS	4	3,636.3
1.3.1325	RUBLE	1,266	55,165.3
1.3.1327	LEOBUZZ	13	3,102.8



Asset ID	Symbol	# Ops	Fee Total
1.3.1329	NECTAR	162	3,668.0
1.3.1331	IOU.BCS	49	22,864.9
1.3.1343	NOFEE	2	0.0
1.3.1345	TRUMPSUCKS	1	0.2
1.3.1347	EVETAB	50	17.6
1.3.1349	ADSXU	15	0.4
1.3.1352	QORA	163	93,683.7
1.3.1353	OPEN.EXCL	160	440.9
1.3.1355	VIVACOIN	6	36.6
1.3.1357	OPEN.NUSHARES	27	3,820.1
1.3.1358	RCOIN	3	3,669.2
1.3.1359	TATCHCOIN	9	18.3
1.3.1361	MYCOIN	15	3,665.2
1.3.1362	HERO	75	0.0
1.3.1363	SBUZZ	5	1,800.3
1.3.1368	TOKENOFTOKENS	15	0.4
1.3.1374	ZAPPL	3	18.1
1.3.1375	MEGATILT	18	1,810.1
1.3.1385	CRECE	2	0.1
1.3.1386	ADXDU	2	1,810.0
1.3.1388	OPEN.ETP	41	70.4
1.3.1389	ZENGOLD	499	1,806.3
1.3.1392	NESLV	3	0.2
1.3.1399	ASKCOIN	16	303.2
1.3.1404	NIMSES	1	30,341.0
1.3.1405	KARMAKOIN	15	0.4
1.3.1406	OPEN.ZGC	31	288.2
1.3.1407	STEAK	1	300.0
1.3.1410	QTUM	7	40.0
1.3.1411	OPEN.GOLOS	98	524.0
1.3.1412	OPEN.GBG	38	354.1
1.3.1413	OCT	1,951	49,080.2
1.3.1415	KPL	256	9.3
1.3.1420	ADXCUS	2	303.0
1.3.1423	ALPHA	6	352.8
1.3.1424	ACHAIN	1	0.0
1.3.1431	CHC	82	97,117.5
1.3.1432	DOLLHAIRS	1	303.4
1.3.1433	ICOWT	3	3.0
1.3.1435	TOPSOL	13	0.2
1.3.1439	PPY	381	1,244.3
1.3.1440	IOU.LOT	1	303.5
1.3.1451	MVS.ZENDAO	45	702.4
1.3.1452	DNXTO	12	319.5
1.3.1453	KEXCOIN	262	3.2
1.3.1454	BEYONDBIT	64	64.0

Asset ID	Symbol	# Ops	Fee Total
1.3.1458	OPEN.PPY	76	57.1
1.3.1460	RUNCOIN	11	75.9
1.3.1464	LZKJF	124	2,978.5
1.3.1465	LZKGF	7	5,101.8
1.3.1466	FRIEND	1	0.0
1.3.1467	BTBOXS	1	0.0
1.3.1472	BIKERCOIN	29	319.5
1.3.1473	CVCOIN	1,676	3,318.9
1.3.1474	CHAIN	2	0.0
1.3.1475	PEERCROWDFUND	3	0.3
1.3.1479	COLOR	6	303.1
1.3.1486	HAIRSHARE	1	303.5
1.3.1498	AVERS	109	303.3
1.3.1499	PRIZE	10	35.9
1.3.1523	NARWHALS	22	151.2
1.3.1533	EBULLION	1	0.0
1.3.1534	VASH	1	12,139.7
1.3.1535	BASH	1	12,139.7
1.3.1537	GCSTT	14	0.0
1.3.1538	RMB	1,191	48,587.1
1.3.1540	IOU.ETH	1	301.9
1.3.1541	IOU.CYB	1	303.5
1.3.1542	IOU.EOS	1	303.5
1.3.1543	BUILDTTEAM	44	12.5
1.3.1545	CNYCOIN	1	0.0
1.3.1549	LFNCOIN	8	187.5
1.3.1550	CRYPTOCADEMY	2	303.5
1.3.1552	GMBIT	2	123.8
1.3.1554	LAUNCH	1	30.3
1.3.1555	VOICESHARE	12	301.4
1.3.1564	BRIDGE.BCO	2,170	1,671.1
1.3.1565	IPFS	175	12.4
1.3.1567	SMOKE	50	7,249.1
1.3.1568	ICLUB	2	0.0
1.3.1569	ORANGE	5	302.8
1.3.1570	BRIDGE.BTC	2,217	0.0
1.3.1572	HUINYA	15	461.0
1.3.1573	INSPIRATION	5	303.1
1.3.1575	BTTOIU	2	8.0
1.3.1578	BADCOIN	11	303,279.0
1.3.1579	FINCHAIN	1	3,032.0
1.3.1581	VEN	700	78,625.1
1.3.1582	VEN.WARRANT	61	254.0
1.3.1586	ABONO	1	150.0
1.3.1587	BTGX	35	12,140.0
1.3.1588	ATMATRIX	248	10.5



Asset ID	Symbol	# Ops	Fee Total
1.3.1589	LINKX	1	303.5
1.3.1590	STRLT	8	303.3
1.3.1592	POLOLOSTKEYS	3	303.5
1.3.1596	TRUMPCOIN	50	302.7
1.3.1599	HPB	289	26,389.1
1.3.1601	BRIDGE.BCH	31	0.0
1.3.1602	ADBITS	15	4.7
1.3.1604	PISOPH	1	0.3
1.3.1605	IOU.XNC	15	0.2
1.3.1608	LOVESHARES	2	30.3
1.3.1615	INS	235	48,557.5
1.3.1617	QCNY	1,539	422.2
1.3.1618	XRATED	1	49.0
1.3.1619	AMERICALUIGI	1	300.8
1.3.1621	RUDEX.GOLOS	48	251.0
1.3.1625	CNBTS	1	0.0
1.3.1627	OPEN.MUSEOL	36	30.2
1.3.1628	VAPORWARE	1	303.5
1.3.1629	STERLING	3	303.5
1.3.1630	RUDEX.GBG	138	391.3
1.3.1631	BCDN	248	24,282.8
1.3.1632	BCDN.WARRANT	90	9.9
1.3.1635	IMIAO	17	392.7
1.3.1637	NIHIL	6	501.0
1.3.1639	SIXDOMAIN	31	1,365.9
1.3.1641	OPEN.FCC	9	2,124.4
1.3.1643	POCKET	109	132,217.0
1.3.1644	AGBTS	2	0.0
1.3.1646	SKYCOIN	5	0.1
1.3.1647	HODLER	3	1.5
1.3.1650	CCCATCOIN	4	17.0
1.3.1655	MIOTA	1	303.5
1.3.1656	GBYTE	1	303.5
1.3.1657	DIGIX	1	303.5
1.3.1658	ROUND	1	303.5
1.3.1659	BURST	1	303.5
1.3.1660	ICO	1	48,558.7
1.3.1661	OMG	2	48,558.7
1.3.1662	ANS	1	48,558.7
1.3.1663	GXS	1	48,558.7
1.3.1664	LTC	9	48,558.7
1.3.1665	BCC	1	48,558.7
1.3.1666	ICOAGE	1	303.5
1.3.1667	OMISEGO	1	303.5
1.3.1668	NEO	1	48,558.7
1.3.1669	IPO	1	48,558.7

Asset ID	Symbol	# Ops	Fee Total
1.3.1670	CHBTC	1	303.5
1.3.1671	HSHARE	1	303.5
1.3.1672	GXSHARES	1	303.5
1.3.1673	MOBILEGO	1	303.5
1.3.1674	PILLAR	1	303.5
1.3.1675	MONETHA	1	303.5
1.3.1676	EDGELESS	1	303.5
1.3.1677	TIERION	1	303.5
1.3.1678	ELASTIC	1	303.5
1.3.1679	DCASH	1	303.5
1.3.1680	LEOCOIN	1	303.5
1.3.1681	RIALTO	1	303.5
1.3.1682	LOOPRING	1	303.5
1.3.1683	ADTOKEN	1	303.5
1.3.1684	MONACOIN	1	303.5
1.3.1685	BYTECOIN	1	303.5
1.3.1686	KOMODO	1	303.5
1.3.1687	ICONOMI	1	303.5
1.3.1688	VERITASEUM	1	303.5
1.3.1689	GNOSIS	1	303.5
1.3.1690	DIGIBYTE	1	303.5
1.3.1691	BYTEBALL	1	303.5
1.3.1692	NEXUS	1	303.5
1.3.1693	POPULOUS	1	303.5
1.3.1694	CIVIC	1	303.5
1.3.1695	STATUS	1	303.5
1.3.1696	GAMECREDITS	1	303.5
1.3.1697	BLOCKNET	1	303.5
1.3.1698	FUNFAIR	1	303.5
1.3.1699	NAVCOIN	1	303.5
1.3.1700	VERGE	1	303.5
1.3.1701	MONACO	1	303.5
1.3.1702	SNGLS	1	303.5
1.3.1703	PARTICL	1	303.5
1.3.1704	ARAGON	1	303.5
1.3.1705	NOLIMITCOIN	1	303.5
1.3.1706	IEXECRLC	1	303.5
1.3.1707	FIRSTCOIN	1	303.5
1.3.1708	MELON	1	303.5
1.3.1709	GULDEN	1	303.5
1.3.1710	IOCOIN	1	303.5
1.3.1711	REDDCOIN	1	303.5
1.3.1712	TOKENCARD	1	303.5
1.3.1713	AIDOSKUNEEN	1	303.5
1.3.1714	VERTCOIN	1	303.5
1.3.1715	FIRSTBLOOD	1	303.5



Asset ID	Symbol	# Ops	Fee Total
1.3.1716	VSLICE	1	303.5
1.3.1717	LUCKCHAIN	1	303.5
1.3.1718	VIACOIN	1	303.5
1.3.1719	MOTHERSHIP	1	303.5
1.3.1720	SAFEX	1	303.5
1.3.1721	NUMERAIRE	1	303.5
1.3.1722	WALTON	1	303.5
1.3.1723	TRIGGERS	1	303.5
1.3.1724	CLOAKCOIN	1	303.5
1.3.1725	CLOAK	1	303.5
1.3.1726	PATIENTORY	1	303.5
1.3.1727	POLYBIUS	1	303.5
1.3.1728	ETHERROLL	1	303.5
1.3.1729	XAURUM	1	303.5
1.3.1730	CROWN	1	303.5
1.3.1731	MYSTERIUM	1	303.5
1.3.1732	BANKCOIN	1	303.5
1.3.1733	METAVERSEETP	1	303.5
1.3.1734	OKCASH	1	303.5
1.3.1735	POTCOIN	1	303.5
1.3.1736	SIBCOIN	1	303.5
1.3.1737	COINDASH	1	303.5
1.3.1738	ZENCASH	1	303.5
1.3.1739	LUNYR	1	303.5
1.3.1740	CLAMS	1	303.5
1.3.1741	HUMANIQ	1	303.5
1.3.1742	MONETARYUNIT	1	303.5
1.3.1743	DIGITALNOTE	1	303.5
1.3.1744	UNOBTANIUM	1	303.5
1.3.1745	IXLEDGER	1	303.5
1.3.1746	MATCHPOOL	1	303.5
1.3.1747	SHIFT	1	303.5
1.3.1748	SPREADCOIN	1	303.5
1.3.1749	NEXIUM	1	303.5
1.3.1750	SYNEREO	1	303.5
1.3.1751	SALUS	1	303.5
1.3.1752	CHRONOBANK	1	303.5
1.3.1753	MOONCOIN	1	303.5
1.3.1754	FUJINTO	1	303.5
1.3.1755	RAIBLOCKS	1	303.5
1.3.1756	ECOBIT	1	303.5
1.3.1757	NEOSCOIN	1	303.5
1.3.1758	WAGERR	1	303.5
1.3.1759	DATABITS	1	303.5
1.3.1760	HELP	1	12,139.7
1.3.1761	ATCCOIN	1	303.5

Asset ID	Symbol	# Ops	Fee Total
1.3.1762	SOARCOIN	1	303.5
1.3.1763	ECOIN	1	303.5
1.3.1764	VERICOIN	1	303.5
1.3.1765	DAXXCOIN	1	303.5
1.3.1766	IPOCOIN	1	303.5
1.3.1767	VOXELS	1	303.5
1.3.1768	INVESTFEED	1	303.5
1.3.1769	NIMIQ	1	303.5
1.3.1770	PINKCOIN	1	303.5
1.3.1771	FLORINCOIN	1	303.5
1.3.1772	OPENANX	1	303.5
1.3.1773	GAMBIT	1	303.5
1.3.1774	XCURRENCY	1	303.5
1.3.1775	EARTHCOPIN	1	303.5
1.3.1776	PLUTON	1	303.5
1.3.1777	XSPEC	1	303.5
1.3.1778	PRIZM	1	303.5
1.3.1779	MUSICOCIN	1	303.5
1.3.1788	KYBER	1	303.5
1.3.1790	SPHERE	1	303.5
1.3.1791	INCENT	1	303.5
1.3.1792	QWARK	1	303.5
1.3.1793	PEPECASH	1	303.5
1.3.1794	BLITZ	1	303.5
1.3.1795	COVAL	1	303.5
1.3.1796	ONION	1	303.5
1.3.1797	LINDA	1	303.5
1.3.1798	ATMOS	1	303.5
1.3.1799	CRAVE	1	303.5
1.3.1800	LDOGE	1	303.5
1.3.1801	LITEDOGE	1	303.5
1.3.1802	DRACO	1	303.5
1.3.1803	DTTOKEN	1	303.5
1.3.1804	NETKO	1	303.5
1.3.1805	SCORE	1	303.5
1.3.1806	SCORECOIN	1	303.5
1.3.1807	UNIFY	1	303.5
1.3.1808	USNBT	1	303.5
1.3.1809	RBIES	1	303.5
1.3.1810	RUBIES	1	303.5
1.3.1811	PIGGY	1	303.5
1.3.1812	PIGGYCOIN	1	303.5
1.3.1813	SPRTS	1	303.5
1.3.1814	SPROUTS	1	303.5
1.3.1815	UNITY	1	303.5
1.3.1816	SUPERNET	1	303.5



Asset ID	Symbol	# Ops	Fee Total
1.3.1817	CRYPTCOIN	1	303.5
1.3.1818	RUSTBITS	1	303.5
1.3.1819	METALCOIN	1	303.5
1.3.1820	SHORTY	1	303.5
1.3.1821	SUPERCOIN	1	303.5
1.3.1822	TROLL	1	303.5
1.3.1823	TROLLCOIN	1	303.5
1.3.1824	UNIBURST	1	303.5
1.3.1825	SWING	1	303.5
1.3.1826	ACOIN	1	303.5
1.3.1827	BIGUP	1	303.5
1.3.1828	SLING	1	303.5
1.3.1829	STEPS	1	303.5
1.3.1830	PULSE	1	303.5
1.3.1831	IBANK	1	303.5
1.3.1832	SLEVIN	1	303.5
1.3.1833	BIGONE	1	303.5
1.3.1834	PRESS	1	303.5
1.3.1835	ARGUS	1	303.5
1.3.1836	TCOIN	1	303.5
1.3.1837	DASHS	1	303.5
1.3.1838	MMXVI	1	303.5
1.3.1839	AXIOM	1	303.5
1.3.1840	MAVRO	1	303.5
1.3.1841	HYPER	1	303.5
1.3.1842	MINEX	1	303.5
1.3.1846	COSMOS	1	303.5
1.3.1847	ENERGO	1	303.5
1.3.1850	MUSEOL	1	303.5
1.3.1851	INICT	1	303.5
1.3.1852	INCTNT	1	303.5
1.3.1855	ETCWIN	1	303.5
1.3.1856	HCASH	1	303.5
1.3.1857	HSR	1	48,558.7
1.3.1858	HYPEX	1	303.5
1.3.1859	ECASH	5	0.1
1.3.1860	UNCMONEY	11	0.1
1.3.1869	PANGTC	3	303,397.3
1.3.1872	UCOIN	1	1.0
1.3.1873	EPESO	1	303.5
1.3.1875	SANCHAIN	104	0.1
1.3.1876	ENTERBTS	1	303.0
1.3.1879	BYTESEK	7	183.9
1.3.1882	XMINE	5	0.2
1.3.1883	XSILVER	2	300.5
1.3.1884	BOLIVARBITS	2	605.1

Asset ID	Symbol	# Ops	Fee Total
1.3.1886	ZGSTC	59	373.9
1.3.1887	LEITC	6	60.6
1.3.1888	BRIDGE.LTC	16	0.0
1.3.1892	RUDEX.MUSE	28	0.1
1.3.1893	TRFND	6	80.7
1.3.1895	RUDEX.STEEM	3	0.0
1.3.1896	RUDEX.SBD	1	0.0
1.3.1897	GRACIAS	1	0.1
1.3.1898	BRIDGE.DASH	2	0.0
1.3.1900	BRIDGE.DGB	1	0.2
1.3.1901	GRAPH	1	303.5
1.3.1902	STATE	1	303.5
1.3.1903	VECTOR	1	303.5
1.3.1904	BASIS	1	303.5
1.3.1905	FIELD	1	303.5
1.3.1906	GREECE	1	303.5
1.3.1907	INDIA	1	303.5
1.3.1908	MACAO	2	606.0
1.3.1909	NIGERIA	1	303.5
1.3.1910	AFRICA	1	303.5
1.3.1911	BRAZIL	1	303.5
1.3.1912	ITALY	1	303.5
1.3.1913	KENYA	1	303.5
1.3.1914	SPAIN	1	303.5
1.3.1915	RUSSIA	1	303.5
1.3.1916	HAITI	1	303.5
1.3.1917	CHILE	1	303.5
1.3.1918	SYRIA	1	303.5
1.3.1919	NIGER	1	303.5
1.3.1920	YEMEN	1	303.5
1.3.1921	TAIWAN	1	303.5
1.3.1922	NEPAL	1	303.5
1.3.1923	GHANA	1	303.5
1.3.1924	SUDAN	1	303.5
1.3.1926	CAREER	1	303.5
1.3.1927	CLONE	1	303.5
1.3.1928	DAPPS	1	303.5
1.3.1929	STORY	2	424.8
1.3.1930	PROXY	2	0.0
1.3.1931	HTTPS	1	303.5
1.3.1932	SERVER	1	303.5
1.3.1933	ERROR	1	303.5
1.3.1934	CLICK	1	303.5
1.3.1935	DEBUG	1	303.5
1.3.1936	TABLE	1	303.5
1.3.1937	IMAGE	1	303.5



Asset ID	Symbol	# Ops	Fee Total
1.3.1938	STYLE	1	303.5
1.3.1939	CLEAR	1	303.5
1.3.1940	FILES	1	303.5
1.3.1941	ALIAS	1	303.5
1.3.1942	DOMAIN	1	303.5
1.3.1943	FRAME	1	303.5
1.3.1944	GROUP	1	303.0
1.3.1945	BEIJING	1	303.4
1.3.1946	PEKING	1	303.4
1.3.1947	BCH	1	48,558.7
1.3.1948	WITBTC	1	303.4
1.3.1949	BOND	1	12,139.7
1.3.1950	NOTES	1	303.4
1.3.1951	ISSUE	1	303.4
1.3.1952	FLAGS	1	303.4
1.3.1953	ORDER	1	303.4
1.3.1954	SHOES	1	303.4
1.3.1956	PLASMA	1	303.4
1.3.1957	FILECOIN	1	303.4
1.3.1958	STORE	1	303.4
1.3.1965	GLOBAL	1	303.5
1.3.1966	PUBLIC	1	303.5
1.3.1967	HEDGE	1	303.5
1.3.1968	OFFER	1	303.5
1.3.1969	REPORT	1	303.5
1.3.1970	ACCOUNT	1	303.5
1.3.1971	JOINT	1	303.5
1.3.1972	LENDER	1	303.5
1.3.1973	LIMIT	1	303.5
1.3.1974	LIBOR	1	303.5
1.3.1975	PRICE	1	303.5
1.3.1976	RATING	1	303.5
1.3.1977	EQUITY	1	303.5
1.3.1978	SWAP	1	12,139.7
1.3.1979	SWAPS	1	303.5
1.3.1980	SHEET	1	303.5
1.3.1981	PRINT	1	303.5
1.3.1982	THINK	1	303.5
1.3.1983	BEGIN	1	303.5
1.3.1984	SERVE	1	303.5
1.3.1985	DRIVE	1	303.5
1.3.1986	CLASS	1	303.5
1.3.1987	WATCH	1	303.5
1.3.1988	STUDY	1	303.5
1.3.1989	LEARN	1	303.5
1.3.1990	UNDER	1	303.4

Asset ID	Symbol	# Ops	Fee Total
1.3.1991	FIRST	1	303.4
1.3.1992	TXSRB	1	303.4
1.3.1993	ORACLE	1	303.4
1.3.1994	MATRIX	1	303.4
1.3.1995	SEARCH	1	303.4
1.3.1996	BOSON	1	303.4
1.3.1997	BRIDGE.DOGE	37	60.6
1.3.1998	BRIDGE.PIVX	1	0.0
1.3.1999	OPEN.EOS	66	0.1
1.3.2001	OPEN.OMG	8	2.4
1.3.2002	MOBILE	1	303.4
1.3.2004	SEGWIT	1	303.4
1.3.2005	MINER	1	303.4
1.3.2006	RATIO	1	303.4
1.3.2007	BRAND	1	303.4
1.3.2008	MEDIA	1	303.4
1.3.2009	WARRANT	1	303.4
1.3.2010	SPEED	1	303.4
1.3.2011	TIMES	1	303.4
1.3.2012	PAUSE	1	303.4
1.3.2013	LOCAL	1	303.4
1.3.2014	SIGMA	1	303.4
1.3.2015	OMEGA	1	303.4
1.3.2016	KAPPA	1	303.4
1.3.2017	ALPHABET	1	303.4
1.3.2018	GLYPH	1	303.4
1.3.2019	CHART	1	303.4
1.3.2020	MICRO	1	303.4
1.3.2021	TURKEY	1	303.4
1.3.2022	EGYPT	1	303.4
1.3.2025	CNYOK	5	0.0
1.3.2026	ADMIN	1	303.4
1.3.2027	TOPIC	1	303.4
1.3.2028	THEME	1	303.4
1.3.2029	VIABTC	1	303.4
1.3.2030	LEVEL	1	303.4
1.3.2031	BRIDGE.XVG	4	0.7
1.3.2032	CHAIR	1	303.4
1.3.2033	OTC	1	48,558.7
1.3.2034	PARTY	1	303.4
1.3.2035	TODAY	1	303.4
1.3.2036	MORGAN	1	303.4
1.3.2037	BYTES	1	303.4
1.3.2038	ASIA	1	12,139.7
1.3.2039	BYTE	2	12,139.7
1.3.2040	OCEAN	1	303.4



Asset ID	Symbol	# Ops	Fee Total
1.3.2041	UNIT	1	12,139.7
1.3.2042	LOGIN	1	303.4
1.3.2043	WHOIS	1	303.4
1.3.2044	HASH	1	12,139.7
1.3.2045	CODE	1	12,139.7
1.3.2046	PLAY	1	12,139.7
1.3.2047	UNITS	1	303.4
1.3.2048	SUPPLY	1	303.4
1.3.2049	CAPITAL	1	303.4
1.3.2050	OTHER	1	303.4
1.3.2051	FILMS	1	303.4
1.3.2054	BTM	1	48,558.7
1.3.2055	CHECK	1	303.4
1.3.2056	CHAOS	1	303.4
1.3.2057	ANTI	1	12,139.7
1.3.2058	RANK	1	12,139.7
1.3.2059	TALK	1	12,139.7
1.3.2060	ETF	1	48,558.7
1.3.2061	QDII	1	12,139.7
1.3.2062	QFII	1	12,139.7
1.3.2063	RQFII	1	303.4
1.3.2064	LOF	2	48,558.7
1.3.2065	CNH	1	48,558.7
1.3.2067	CITY	1	12,139.7
1.3.2068	DELHI	1	303.4
1.3.2069	LAGOS	1	303.4
1.3.2070	TOKYO	1	303.4
1.3.2071	MOSCOW	1	303.4
1.3.2072	LAHORE	1	303.4
1.3.2073	JAKARTA	1	303.4
1.3.2074	CAIRO	1	303.4
1.3.2075	DHAKA	1	303.4
1.3.2076	LONDON	1	303.4
1.3.2077	NEWYORK	1	303.4
1.3.2078	BANGKOK	1	303.4
1.3.2079	TEHRAN	1	303.4
1.3.2080	HONGKONG	1	303.4
1.3.2081	HANOI	1	303.4
1.3.2082	INDONESIA	1	303.4
1.3.2083	PAKISTAN	1	303.4
1.3.2084	MEXICO	1	303.4
1.3.2085	THAILAND	1	303.4
1.3.2086	VIETNAM	1	303.4
1.3.2088	DDDDDDDD	4	9.8
1.3.2089	BOOKS	1	303.4
1.3.2090	TOOLS	1	303.4

Asset ID	Symbol	# Ops	Fee Total
1.3.2091	ATOM	1	12,139.7
1.3.2092	LEGAL	1	303.4
1.3.2093	SAFER	1	303.4
1.3.2094	PAGES	1	303.4
1.3.2095	AAA	1	48,558.7
1.3.2096	AAAA	1	12,139.7
1.3.2097	DAPP	1	12,139.7
1.3.2098	DAO	1	48,558.7
1.3.2099	DAC	1	48,558.7
1.3.2100	COM	1	48,558.7
1.3.2101	ORG	1	48,558.7
1.3.2102	DEPTH	1	303.4
1.3.2103	PANDA	1	303.4
1.3.2104	ALTCOIN	1	303.4
1.3.2105	GERMANY	1	303.4
1.3.2106	SMARTECH	14	8.1
1.3.2107	MUZIN	1	303.5
1.3.2108	POKER	1	303.4
1.3.2109	POISON	1	303.4
1.3.2110	DRUGS	1	303.4
1.3.2111	WAGER	1	303.4
1.3.2112	GAMBLE	1	303.4
1.3.2113	CIPHER	1	303.4
1.3.2114	ALOHA	1	600.0
1.3.2116	ALIEN	1	303.4
1.3.2117	PANAMA	1	303.4
1.3.2118	DUBAI	1	303.4
1.3.2119	EMCASH	1	303.4
1.3.2123	DOOR	1	12,139.7
1.3.2124	ARDR	1	12,139.7
1.3.2125	GUEST	1	303.4
1.3.2126	SHINE	1	303.4
1.3.2127	RULER	1	303.4
1.3.2128	FIBER	1	303.4
1.3.2129	SOLID	1	303.4
1.3.2130	INTER	1	303.4
1.3.2131	SKILLCOIN	28	303.5
1.3.2132	ONE	1	48,558.7
1.3.2133	AIRSWAP	1	303.4
1.3.2135	JOKER	1	303.5
1.3.2136	BINGO	1	303.5
1.3.2137	SPADE	1	303.5
1.3.2138	HEART	1	303.5
1.3.2139	DANCE	1	303.5
1.3.2140	KRONE	1	303.5
1.3.2141	RUPIAH	1	303.5



Asset ID	Symbol	# Ops	Fee Total
1.3.2142	TENGE	1	303.5
1.3.2143	KENYAN	1	303.5
1.3.2144	NAIRA	1	303.5
1.3.2145	RUPEE	1	303.5
1.3.2146	ZLOTY	1	303.5
1.3.2147	RIYAL	1	303.5
1.3.2148	KRONA	1	303.5
1.3.2149	FRANC	1	303.5
1.3.2150	TEXAS	1	303.5
1.3.2151	HOLDEM	1	303.4
1.3.2152	SPLIT	1	303.4
1.3.2153	ABCDE	1	303.4
1.3.2154	VORTEX	1	12.1
1.3.2155	PESO	1	12,139.7
1.3.2156	FAST	1	12,139.7
1.3.2157	DIGIT	1	303.4
1.3.2158	CARD	1	12,139.7
1.3.2159	PAY	1	48,558.7
1.3.2160	CLUB	1	12,139.7
1.3.2161	FIRE	1	12,139.7
1.3.2163	XRP	1	48,558.7
1.3.2164	SYNC	1	12,139.7
1.3.2165	GREEN	1	303.0
1.3.2166	YELLOW	1	303.0
1.3.2167	PURPLE	1	303.0
1.3.2168	SAFE	1	12,139.7
1.3.2169	CELL	1	12,139.7
1.3.2171	TOWER	1	303.4
1.3.2172	OWNER	1	303.4
1.3.2173	CARDANO	1	303.4
1.3.2174	PAPER	1	303.4
1.3.2175	ORIGIN	1	303.4
1.3.2176	FOCUS	1	303.4
1.3.2178	SORRY	1	303.4
1.3.2179	BRAIN	1	303.4
1.3.2180	UNION	1	303.4
1.3.2181	BEACH	1	303.4
1.3.2182	ALLOY	1	303.4
1.3.2183	TIGER	1	303.4
1.3.2184	NEBULA	1	303.4
1.3.2185	LEMON	1	303.4
1.3.2186	BOARD	1	303.4
1.3.2187	ORION	1	303.4
1.3.2188	SHARK	1	303.4
1.3.2189	EDU	1	48,558.7
1.3.2190	LARGE	1	303.4

Asset ID	Symbol	# Ops	Fee Total
1.3.2191	LIRA	1	12,139.7
1.3.2192	IDR	1	48,558.7
1.3.2193	ZERO	1	12,139.7
1.3.2194	LEDGE	2	303.5
1.3.2195	FORUM	1	303.4
1.3.2196	NAME	1	12,139.7
1.3.2197	SHILLING	1	303.4
1.3.2198	RINGGIT	1	303.4
1.3.2199	DIRHAM	1	303.4
1.3.2200	POUND	1	303.4
1.3.2201	OUNCE	1	303.4
1.3.2202	RCCOIN	11	40.3
1.3.2205	DREAMS	1	303.4
1.3.2208	XRPCASH	1	0.3
1.3.2212	WHITECOIN	19	151.4
1.3.2215	BRIDGE.EOT	898	2.2
1.3.2216	PANDACASH	1	216.1
1.3.2220	ARISTO	3	303.5
1.3.2222	PANDACOIN	21	236.2
1.3.2228	ETYCOIN	1	0.0
1.3.2229	BRIDGE.XIOS	97	0.2
1.3.2232	CZECH	1	303.4
1.3.2234	XYCOIN	62	30.4
1.3.2236	STRANGE	2	303.5
1.3.2242	ZEPHYR	1	303.4
1.3.2243	BONDUNITS	1	303.4
1.3.2244	BYCION	1	20,230.2
1.3.2248	METRO	1	303.4
1.3.2249	SWITCH	1	303.4
1.3.2253	SOURCE	1	303.4
1.3.2254	REIGN	1	303.4
1.3.2255	INR	1	48,558.7
1.3.2256	DEBT	1	12,139.7
1.3.2257	OWING	1	303.4
1.3.2263	LUMEN	1	303.4
1.3.2264	XLM	1	48,558.7
1.3.2265	XMR	1	48,558.7
1.3.2266	CYCLOS	4	0.0
1.3.2268	ZEC	1	48,558.7
1.3.2270	ISEEU	9	303.1
1.3.2271	TEZOS	2	8.5
1.3.2272	BRIDGE.EQT	58	0.1
1.3.2282	GRYPHON	24	0.3
1.3.2283	MUFFIN	1	7.6
1.3.2289	MARGIN	1	303.4
1.3.2290	BORDERLESS	5	0.1



Asset ID	Symbol	# Ops	Fee Total
1.3.2291	ZHUANGBI	1	29.8
1.3.2292	UMATS	2	303.5
1.3.2293	BRIDGE.ETHCA	25	0.1
1.3.2296	CNYT	1	12,139.7
1.3.2297	LZMSCORE	12	0.1
1.3.2298	AMERO	15	5.2
1.3.2299	EMERALD	10	0.0
1.3.2301	QASH	1	12,139.7
1.3.2302	POLKADOT	1	0.0
1.3.2303	XEM	1	48,558.7
1.3.2304	XBT	1	48,558.7

Table 681. Fees collected by blockchain from 2015-10 through 2017-10 for limit order cancel operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	29,729,396	112,090.5
1.3.103	BTC	215	0.0
1.3.105	SILVER	67	0.0
1.3.106	GOLD	70	0.0
1.3.110	RUB	1	0.0
1.3.113	CNY	9,958	15.0
1.3.118	GBP	3	0.0
1.3.120	EUR	69	0.0
1.3.121	USD	2,337	0.7
1.3.349	TRADE.LTC	2	0.0
1.3.350	TRADE.BTC	21	0.0
1.3.418	NEWBIE	2	0.2
1.3.555	HRYVNA	2	0.3
1.3.562	OBITS	943	0.4
1.3.569	OPENBTC	98	0.0
1.3.585	QBITS	129	444.0
1.3.590	OPENMUSE	29	2.1
1.3.592	METAEX.BTC	23	0.0
1.3.593	METAEX.ETH	1	0.0
1.3.599	TRADE.MUSE	15	1.1
1.3.607	PERKS	16	0.0
1.3.609	IOU.CNY	154	0.4
1.3.614	GSTAMP	6	0.1
1.3.628	BRICS	13	4.0
1.3.629	IOU.ABC	26	5.3
1.3.640	MONEYCLUB	2	0.0
1.3.658	FISTBUMP	3	0.0
1.3.659	OPENSESAME	1	0.0
1.3.670	MEGUSTA	7	0.0
1.3.678	KUDOS	9	3.6
1.3.679	BLOCK	2	0.0
1.3.734	TCNY	3	0.0

Asset ID	Symbol	# Ops	Fee Total
1.3.743	STEALTH	59	0.0
1.3.745	BLOCKCHAINFUN	1	0.0
1.3.746	ANTSHARE	47	0.0
1.3.749	QUANT	1	1.0
1.3.757	OPEN.USD	42	0.4
1.3.758	GAMEBET	14	0.2
1.3.766	OPEN.EUR	10	0.1
1.3.776	OPENPOS	2	0.0
1.3.790	TRADE.DOGE	1	0.0
1.3.800	COPPERTICKET	14	0.2
1.3.802	PEWPS	8	2.3
1.3.806	GRAND	3	0.0
1.3.808	BGIBTS	2	0.0
1.3.814	OPEN.EMC	2	0.0
1.3.822	COMPUCEEDS	442	0.0
1.3.825	IOU.LUCKY	4	0.1
1.3.826	OPENBK5	4	0.0
1.3.827	SOLCERT	21	21.0
1.3.831	DEMNONCLINTON	4	0.0
1.3.832	BTCOIN	1	0.0
1.3.839	SHAREBIT	5	0.0
1.3.842	EDEV	3	0.0
1.3.849	BTSR	50	0.0
1.3.850	OPEN.ETH	972	0.0
1.3.853	IOU.BOO	3	0.0
1.3.854	OPEN.MUSE	51	3.6
1.3.855	OPEN.NBT	14	0.0
1.3.856	OPEN.NSR	2	0.0
1.3.857	OPEN.PPC	8	0.0
1.3.858	OPEN.DASH	296	0.0
1.3.859	OPEN.LTC	225	0.0
1.3.860	OPEN.DOGE	61	10.5
1.3.861	OPEN.BTC	3,603	0.0
1.3.868	BOTFUND.USD	4	4.0
1.3.888	BANX	5	0.0
1.3.897	BTCPPLUS	4	0.0
1.3.898	AUKSINAS	1	0.0
1.3.899	ENTREPRENEUR	2	0.0
1.3.907	WECHAT	12	0.0
1.3.921	CASH.USD	2	0.0
1.3.924	PEERPLAYS	166	0.0
1.3.933	MKR	30	0.0
1.3.938	REPUTATION	5	0.0
1.3.943	CADASTRAL	49	0.0
1.3.950	CAYMAN	3	0.0
1.3.956	BTSPLUS	2	0.0



Asset ID	Symbol	# Ops	Fee Total
1.3.958	BTWTY	63	0.0
1.3.969	GCSWI	2	4.8
1.3.970	FUNC	73	0.1
1.3.973	OPEN.STEEM	103	0.1
1.3.976	CASH.BTC	1	0.0
1.3.977	OPEN.LISK	122	0.8
1.3.979	OPEN.DGD	61	0.0
1.3.980	FIMKRYPTO	6	0.9
1.3.985	ALTCAP.X	1	0.0
1.3.986	TRUMP	1	0.0
1.3.987	CLINTON	3	242.0
1.3.988	SANDERS	2	0.0
1.3.990	FRANKLIN	5	0.0
1.3.992	UNITEDSTATES	3	0.0
1.3.998	WETSTOCK	4	0.0
1.3.1005	OPEN.DAO	5	0.1
1.3.1006	ICOO	97	0.0
1.3.1007	NINJASOUL	5	0.1
1.3.1010	SPIES	87	0.0
1.3.1018	TRANS.DAO	3	0.0
1.3.1022	LISK	4	0.0
1.3.1041	OPEN.OMNI	1	0.0
1.3.1042	OPEN.USDT	66	0.0
1.3.1044	OPEN.MAID	12	0.0
1.3.1046	OPEN.AMP	1	0.0
1.3.1056	FIMK	6	0.6
1.3.1064	OPEN.HEAT	23	2.4
1.3.1065	CRYPTOCEEDS	2	0.0
1.3.1068	OCEANIA	1	0.0
1.3.1069	OPEN.ARDR	3	0.0
1.3.1070	OPEN.SBD	34	0.0
1.3.1072	BLOCKPAY	38	0.0
1.3.1074	BBPINGJI	6	0.1
1.3.1081	ETCOIN	2	0.0
1.3.1085	JIJIN	10	0.1
1.3.1092	REALITY	8	0.0
1.3.1093	YOYOW	211	2.7
1.3.1098	JESUS	10	0.0
1.3.1100	RISKER	15	0.0
1.3.1109	YYBTS	1	14.7
1.3.1139	NIHAO	12	0.1
1.3.1140	ZCASH	16	0.0
1.3.1152	OPEN.GRC	33	0.2
1.3.1160	OPEN.GAME	9	0.0
1.3.1161	OPEN.INCNT	68	0.2
1.3.1168	CRYPTOINDEX	1	0.1

Asset ID	Symbol	# Ops	Fee Total
1.3.1181	KAPITAL	256	0.1
1.3.1184	OPEN.NXC	49	0.4
1.3.1191	FRONTIER.USD	1	1.5
1.3.1196	OPEN.DCT	7	0.1
1.3.1199	TASKMANAGER	15	0.0
1.3.1205	OBITS.WARRANT	5	0.0
1.3.1209	OPEN.WAVES	26	0.1
1.3.1214	TRAIL	5	0.0
1.3.1224	STEEMP	5	0.0
1.3.1226	MERRYCHRISTMAS	3	0.0
1.3.1229	SAVETHEPLANET	34	0.2
1.3.1231	INVEST.MUSIC	3	0.0
1.3.1234	BLOCKCHAIN.INDEX	1	0.0
1.3.1247	WANGCHANGE	5	0.1
1.3.1259	GOLOS	9	0.0
1.3.1262	ALTCAP.XDR	2	0.0
1.3.1263	TETHERUSD	1	0.0
1.3.1267	GALLEON	2	0.0
1.3.1272	ETFBTC	27	0.0
1.3.1275	HYBRID	1	0.0
1.3.1276	WHALESHARE	57	57.0
1.3.1281	APPX.WARRANT	1	0.0
1.3.1286	KEEPCOIN	1	0.0
1.3.1288	USDTETHERDEFI	10	0.0
1.3.1290	BBBAA	1	4.0
1.3.1292	DEXBTC	4	0.0
1.3.1302	STEEMFACTORY	2	8.5
1.3.1317	ZCOIN	18	0.0
1.3.1318	LILWANGS	13	0.1
1.3.1325	RUBLE	439	9.2
1.3.1327	LEOBUZZ	3	0.0
1.3.1329	NECTAR	1	0.0
1.3.1331	IOU.BCS	2	0.1
1.3.1347	EVETAB	1	0.1
1.3.1352	QORA	466	0.4
1.3.1353	OPEN.EXCL	3	0.0
1.3.1359	TATCHCOIN	1	0.0
1.3.1361	MYCOIN	6	0.0
1.3.1362	HERO	83	0.0
1.3.1363	SBUZZ	8	0.0
1.3.1368	TOKENOFTOKENS	1	0.0
1.3.1374	ZAPPL	2	0.0
1.3.1375	MEGATILT	4	0.0
1.3.1388	OPEN.ETP	22	0.0
1.3.1389	ZENGOLD	30	0.1



Asset ID	Symbol	# Ops	Fee Total
1.3.1405	KARMAKOIN	4	0.0
1.3.1406	OPEN.ZGC	58	0.1
1.3.1411	OPEN.GOLOS	40	0.0
1.3.1412	OPEN.GBG	22	0.0
1.3.1413	OCT	151	0.3
1.3.1415	KPL	12	0.0
1.3.1420	ADXCU	7	0.0
1.3.1423	ALPHA	2	0.0
1.3.1431	CHC	27	0.1
1.3.1433	ICOWT	1	1.0
1.3.1439	PPY	194	0.0
1.3.1445	BLESS	1	0.0
1.3.1452	DNXTO	1	0.0
1.3.1453	KEXCOIN	7	0.0
1.3.1454	BEYONDBIT	14	14.0
1.3.1458	OPEN.PPY	12	0.0
1.3.1464	LZKJF	8	2.9
1.3.1465	LZKGF	1	0.0
1.3.1472	BIKERCOIN	3	0.0
1.3.1473	CVCOIN	181	0.1
1.3.1482	LUCRA	1	0.0
1.3.1484	APLUS	1	0.1
1.3.1499	PRIZE	2	0.2
1.3.1523	NARWHALS	2	0.0
1.3.1537	GCSTT	1	0.0
1.3.1538	RMB	223	0.6
1.3.1543	BUILDTEAM	7	0.2
1.3.1549	LFNCOIN	1	0.0
1.3.1564	BRIDGE.BCO	336	2.0
1.3.1565	IPFS	56	0.0
1.3.1567	SMOKE	18	1.4
1.3.1568	ICLUB	3	0.0
1.3.1569	ORANGE	1	0.0
1.3.1570	BRIDGE.BTC	235	0.0
1.3.1572	HUINYA	2	2.0
1.3.1578	BADCOIN	2	2.4
1.3.1581	VEN	217	0.2
1.3.1582	VEN.WARRANT	3	3.0
1.3.1587	BTCX	48	0.1
1.3.1588	ATMATRIX	29	0.1
1.3.1596	TRUMPCOIN	1	0.0
1.3.1599	HPB	59	0.0
1.3.1602	ADBITS	3	0.1
1.3.1605	IOU.XNC	1	0.0
1.3.1615	INS	23	0.0
1.3.1617	QCNY	82	0.8

Asset ID	Symbol	# Ops	Fee Total
1.3.1621	RUDEX.GOLOS	20	0.1
1.3.1627	OPEN.MUSEOL	8	0.0
1.3.1630	RUDEX.GBG	22	0.0
1.3.1631	BCDN	71	0.2
1.3.1635	IMIAO	3	0.0
1.3.1639	SIXDOMAIN	2	0.0
1.3.1643	POCKET	7	847.0
1.3.1644	AGBTS	1	0.0
1.3.1649	PUTVSTRUMP	1	0.0
1.3.1874	BTSSNT	1	0.0
1.3.1875	SANCHAIN	21	0.0
1.3.1882	XMINE	1	0.0
1.3.1884	BOLIVARBITS	3	0.0
1.3.1886	ZGSTC	7	0.8
1.3.1892	RUDEX.MUSE	1	0.0
1.3.1898	BRIDGE.DASH	2	0.0
1.3.1900	BRIDGE.DGB	1	0.0
1.3.1944	GROUP	3	0.0
1.3.1997	BRIDGE.DOGE	1	0.0
1.3.1999	OPEN.EOS	46	0.0
1.3.2001	OPEN.OMG	1	0.0
1.3.2106	SMARTECH	11	0.0
1.3.2212	WHITECOIN	4	0.0
1.3.2215	BRIDGE.EOT	41	0.0
1.3.2222	PANDACOIN	1	0.0
1.3.2223	CFORT	4	0.0
1.3.2229	BRIDGE.XIOS	3	0.0
1.3.2231	MARKER	3	0.0
1.3.2234	XYCOIN	9	0.5
1.3.2282	GRYPHON	4	0.0
1.3.2293	BRIDGE.ETHCA	5	0.0

Table 682. Fees collected by blockchain from 2015-10 through 2017-10 for call order update operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	77,961	75,898.7
1.3.1077	ETHWAR	1	0.1

Table 683. Fees collected by blockchain from 2015-10 through 2017-10 for account create operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	361,022	9,086,596.2

Table 684. Fees collected by blockchain from 2015-10 through 2017-10 for account update operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	13,069	22,152.2



Asset ID	Symbol	# Ops	Fee Total
1.3.113	CNY	80	1.5
1.3.121	USD	12	0.0
1.3.350	TRADE.BTC	1	0.0
1.3.562	OBITS	6	0.0
1.3.569	OPENBTC	1	0.0
1.3.585	QBITS	312	22,877.0
1.3.590	OPENMUSE	1	1.5
1.3.609	IOU.CNY	2	0.2
1.3.659	OPENSESAME	1	0.5
1.3.745	BLOCKCHAINFUND	1	0.3
1.3.822	COMPUCEDS	253	0.1
1.3.826	OPENBKS	2	0.0
1.3.827	SOLCERT	4	4.0
1.3.850	OPEN.ETH	8	0.0
1.3.859	OPEN.LTC	1	0.0
1.3.860	OPEN.DOGE	3	20.4
1.3.861	OPEN.BTC	34	0.0
1.3.897	BTCPPLUS	1	0.0
1.3.907	WECHAT	1	0.3
1.3.924	PEERPLAYS	3	0.0
1.3.933	MKR	6	0.0
1.3.973	OPEN.STEEM	1	0.0
1.3.1000	NOPPES	1	0.0
1.3.1064	OPEN.HEAT	1	2.1
1.3.1072	BLOCKPAY	3	0.0
1.3.1093	YOYOW	1	0.2
1.3.1139	NIHAO	1	0.2
1.3.1160	OPEN.GAME	2	0.0
1.3.1184	OPEN.NXC	1	0.0
1.3.1236	MONEDAPAR	6	0.3
1.3.1276	WHALESHARE	2	2.0
1.3.1290	BBBAA	1	3.0
1.3.1439	PPY	1	0.0
1.3.1473	CVCOIN	1	0.0
1.3.1482	LUCRA	2	0.0
1.3.1538	RMB	2	0.1
1.3.1564	BRIDGE.BCO	1	0.1
1.3.1565	IPFS	1	0.0
1.3.1615	INS	1	0.0
1.3.1635	IMIAO	2	0.0
1.3.1999	OPEN.EOS	1	0.0
1.3.2234	XYCOIN	1	1.0

Table 685. Fees collected by blockchain from 2015-10 through 2017-10 for account whitelisting operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	1,172	11,554.1

Table 686. Fees collected by blockchain from 2015-10 through 2017-10 for account upgrade operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	1,585	14,161,411.5
1.3.113	CNY	3	6,110.5
1.3.121	USD	1	189.2
1.3.850	OPEN.ETH	6	5.8
1.3.858	OPEN.DASH	1	2.4
1.3.859	OPEN.LTC	1	7.3
1.3.861	OPEN.BTC	13	1.5

Table 687. Fees collected by blockchain from 2015-10 through 2017-10 for asset create operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	1,741	31,331,111.6

Table 688. Fees collected by blockchain from 2015-10 through 2017-10 for asset update operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	1,858	271,185.6

Table 689. Fees collected by blockchain from 2015-10 through 2017-10 for asset update BitAsset operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	50	27,715.4

Table 690. Fees collected by blockchain from 2015-10 through 2017-10 for asset update feed producers operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	16	12,007.3

Table 691. Fees collected by blockchain from 2015-10 through 2017-10 for asset issue operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	18,845	37,842.3

Table 692. Fees collected by blockchain from 2015-10 through 2017-10 for asset reserve operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	2,075	4,604.1

Table 693. Fees collected by blockchain from 2015-10 through 2017-10 for asset fund fee pool operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	443	11,089.3



Table 694. Fees collected by blockchain from 2015-10 through 2017-10 for asset settle operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	1,947	34,043.5

Table 695. Fees collected by blockchain from 2015-10 through 2017-10 for asset global settle operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	5	4,467.6
1.3.796	REPGENSIXTEEN	1	1,000.0

Table 696. Fees collected by blockchain from 2015-10 through 2017-10 for asset publish feed operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	9,802,725	288,522.6

Table 697. Fees collected by blockchain from 2015-10 through 2017-10 for witness create operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	81	427,316.1

Table 698. Fees collected by blockchain from 2015-10 through 2017-10 for witness update operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	1,373	16,506.2

Table 699. Fees collected by blockchain from 2015-10 through 2017-10 for proposal create operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	5,060	60,005.8
1.3.120	EUR	1	0.1
1.3.1010	SPIES	1	0.2

Table 700. Fees collected by blockchain from 2015-10 through 2017-10 for proposal update operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	8,115	3,670.7

Table 701. Fees collected by blockchain from 2015-10 through 2017-10 for proposal delete operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	7	6.0

Table 702. Fees collected by blockchain from 2015-10 through 2017-10 for withdraw permission create operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	1	22.0

Table 703. Fees collected by blockchain from 2015-10 through 2017-10 for committee member create operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	23	3,762.8

Table 704. Fees collected by blockchain from 2015-10 through 2017-10 for vesting balance withdrawal operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	2,647	378,448.8

Table 705. Fees collected by blockchain from 2015-10 through 2017-10 for worker create operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	54	163,967.5

Table 706. Fees collected by blockchain from 2015-10 through 2017-10 for custom operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	170	491.1
1.3.1236	MONEDAPAR	8	6.5

Table 707. Fees collected by blockchain from 2015-10 through 2017-10 for assert operation

Asset ID	Symbol	# Ops	Fee Total
1.3.113	CNY	4	15.0
1.3.861	OPEN.BTC	8	0.0

Table 708. Fees collected by blockchain from 2015-10 through 2017-10 for override transfer operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	1,180	146,184.0

Table 709. Fees collected by blockchain from 2015-10 through 2017-10 for transfer to blind operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	199	2,674.8

Table 710. Fees collected by blockchain from 2015-10 through 2017-10 for blind transfer operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	211	3,405.0
1.3.118	GBP	5	0.3
1.3.120	EUR	4	0.2
1.3.121	USD	4	0.3
1.3.1325	RUBLE	2	138.9

Table 711. Fees collected by blockchain from 2015-10 through 2017-10 for transfer from blind operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	156	1,006.8



Asset ID	Symbol	# Ops	Fee Total
1.3.118	GBP	3	0.3
1.3.120	EUR	3	0.4
1.3.121	USD	3	0.4
1.3.1325	RUBLE	1	70.3

Table 712. Fees collected by blockchain from 2015-10 through 2017-10 for asset claim fees operation

Asset ID	Symbol	# Ops	Fee Total
1.3.0	BTS	370	24,259.9
1.3.820	SPORTS.NFLAFC	1	1,050.0
1.3.821	SPORTS.NFLNFC	1	2,460.0
1.3.830	REP NOM TRUMP	1	2,500.0



Appendix C: Quantity of Transactions and Operations

This appendix reports on the quantity of transactions and operations on the blockchain.

Aggregate Quantities

Month	# Transactions	# Operations
2015-10	110,582	150,619
2015-11	97,277	287,821
2015-12	111,163	338,749
2016-01	114,313	356,389
2016-02	211,238	450,022
2016-03	262,359	557,114
2016-04	173,178	376,232
2016-05	189,049	446,588
2016-06	299,140	620,894
2016-07	245,740	557,291
2016-08	176,273	484,593
2016-09	142,520	359,995
2016-10	156,747	350,289
2016-11	209,878	437,776
2016-12	354,911	771,874
2017-01	490,525	1,066,349
2017-02	515,124	987,573
2017-03	755,646	1,877,364
2017-04	1,013,723	2,874,925
2017-05	2,422,477	9,039,556
2017-06	2,597,644	9,317,568
2017-07	3,279,695	16,686,728
2017-08	2,956,026	8,920,746
2017-09	3,485,833	9,774,492
2017-10	2,712,389	7,891,183



Appendix D: Blockchain Fee Schedule

This appendix reports on fees of the blockchain as of 2017-11-27. These fees can be configured by members of the Bitshares Committee who can be found in Appendix E: Blockchain Committee.

Operation Type	Base Fee [BTS]	Conditional Fees
Transfer	0.219	0.121 BTS / kB
Limit Order Create	0.012	
Limit Order Cancel	0.001	
Call Order Update	0.012	
Fill Order	0.000	
Account Create	0.000	Basic Name: 1.214 BTS Premium Name: 60.698 BTS 0.085 BTS / kB
Account Update	0.012	0.085 BTS / kB
Account Whitelisting	1.214	
Account Upgrade	0.000	Lifetime membership fee: 1456.761 BTS
Account Transfer	60.698	
Asset Create	0.000	3-letter symbol: 97,117.402 4-letter symbol: 24,279.351 Longer symbols: 606.984
Asset Update	24.279	0.085 BTS / kB
Asset Update BitAsset	60.698	
Asset Update Feed Producers	60.698	
Asset Issue	0.219	0.121 BTS / kB
Asset Reserve	0.012	
Asset Fund Fee Pool	6.070	
Asset Settle	0.607	
Asset Global Settle	60.698	
Asset Publish Feed	0.001	
Witness Create	606.984	
Witness Update	0.121	
Proposal Create	1.821	0.607 BTS / kB
Proposal Update	0.061	0.085 BTS / kB
Proposal Delete	0.000	
Withdraw Permission Create	1.821	
Withdraw Permission Update	0.121	
Withdraw Permission Claim	0.175	0.085 BTS / kB
Withdraw Permission Delete	0.000	
Committee Member Create	60.698	
Committee Member Update	121.397	
Com. Mem. Update Global Parameters	0.000	
Vesting Balance Create	60.698	
Vesting Balance Withdraw	24.279	
Worker Create	606.984	
Custom	0.121	0.607 BTS / kB
Assert	6.070	

Operation Type	Base Fee [BTS]	Conditional Fees
Balance Claim	0.000	
Override Transfer	12.140	0.085 BTS / kB
Transfer to Blind	2.549	0.850 BTS / kB
Blind Transfer ²	15.000 ³	Unknown
Transfer from Blind	2.549	
Asset Settle Cancel	Undefined	
Asset Claim Fees	12.140	
FBA Distribution	Undefined	

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- 2 This fee schedule is set by the issuers of the STEALTH asset and not by the BitShares Committee.
 3 This fee was determined by observing the fees collected for each blind transfer operation.



Appendix E: Blockchain Committee

This appendix reports on advisors to the blockchain, who were elected by Peerplays stakeholders, as of 2017-11-27. The advisors have the authority to change the fees (see Appendix D: Blockchain Fee Schedule) of the blockchain with a majority vote.

Committee Member
abit
bhuz
bitcrab
bunkerchainlabs-com
chris4210
clayop
ebit
fav
openledgerdc
witness.still
xeroc

