

Audit Report

Professional Ecosystem Actor : Jetstream

Audit ID: 2023-10-Jetstream

Audit Cycle: 2023-10/2

Audit Result: Approved with comments

Audit Date: 2023-12-21

Submission Date: 2023-11-10

Facilitator contact: @0xdeniz

Professional Ecosystem Actor Clarification Received on Date: 2023-12-19

Transparency report: <https://expenses.makerdao.network/ecosystem-actors/JETSTREAM/finances/reports>

MIP106: [Support Scope Bounded Mutable Alignment Artifact](#)

MIP108: [Accessibility Scope Bounded Mutable Alignment Artifact](#)

Approved

Approved with comments

Needs action before approval

Needs

#	Audit Question	<div><div></div><div></div><div></div><div></div><div></div></div>	Audit Assessment	Ecosystem Actor Clarification	Immediate Jetstream Action to improve transparency report	Medium Term Jetstream Action to improve transparency report	
	The Jetstream Professional Ecosystem Actor report's standard structure includes Actuals, forecasts, MKR vesting, transfers, and comments. This audit assessment will be based on the data available on the MakerDAO finances dashboard.						
	Is the Multi-sig operational wallet setup correct?		Yes: Jetstream Operational Wallet quorum (4:7) Controlled by the Jetstream team Eth Address: 0x3214b48f5c28f33e0034d66c34f72af3af6577 Signers: eth-0xc3d167553d95caa871d0ae746aaefbda686884f eth-0x7060275e38259d4592e1d4d61b78af68473282 eth-0x2f90c427f766d177fe58602dbf9496eb2b1129e eth-0x5689699f73407a85586d012b5b07559c1fb1d7d eth-0x65b31b784f38692cf70390d93091064c56f59467 eth-0x6ed7ef913a43d0dfccdb8a5b2a0d4f220cc6097 eth-0xabcd9667e8975e71c602ca9668678e3d4d281				
0.1		✓	□	□	□		
	Is the Jetstream operational wallet controlled by more than 1 signer?	✓	□	□	Yes, the Jetstream operational wallet has a current policy of 4 out of 7 signers		
0.2		✓	□	□	Yes: Jetstream Auditor Wallet quorum (2:3) Controlled by the SES Core Unit. Address: eth-0xf478a08c41ad06e8d957d5c66b68cde7452ceE962 Signers: Accountant Role Wallet 0xa2A855Ac8D2892a8A5437690875261535c8320C Auditor Role Wallet 0x88B3e82A55c5215d099D9d4bBd63f3c443f726232 MCD-Pause_Proxy 0xBEE8E3e3618f7474f8cB1d074A26a1fe1007fE98fB		
0.3	Is the Multi-sig Auditor Wallet the same as described in the approved executive proposal?	✓	□	□	□		
0.4	Has the Auditor wallet received the Dai funds from stream N35?	✓	□	□	□	Yes.	
	Has the Auditor wallet received the MKR funds from stream N41?	✓	□	□	□	Yes.	
0.5		✓	□	□	□		
	Has the Jetstream operational wallet received the funds requested in the last Budget Statement?	✓	□	□	□	Yes.	
0.6		✓	□	□	□	Yes.	
	Has the Jetstream Auditor wallet sufficient funds for transfer to the Jetstream operational wallet?	✓	□	□	□	Yes.	
0.7		✓	□	□	□		
Audit Questions to Transparency Report - Section 1. Last Month Actuals -							
1.1	Is the transparency report actual's forecast the same as the last published forecast for the same month?	✓	□	□	□	Yes.	
1.2	Are the differences between forecast and actuals explained in the transparency report?	✓	□	□	□	Yes.	
1.3	Are the Jetstream actual expenses within the monthly approved budget cap 164,667.00 DAI?	✓	□	□	□	Yes.	
1.4	Are the Jetstream actual expenses within the quarterly budget cap?	✓	□	□	□	Yes.	
1.5	Has the Jetstream Compensation & Benefits any significant deviations between forecast and actuals?	✓	□	□	□	"Difference due to exchange rate."	
1.6	Has the Jetstream Gas Expense any significant deviation between forecast and actuals?	□	□	□	□	No actuals in the budget statement for this category.	

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1.7	Has the Jetstream Professional Services any significant deviations between forecast and actuals?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No.			
1.8	Has the Jetstream Admin Expense any significant deviation between forecast and actuals?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.	"Difference due to exchange rate."		
1.9	Has the Jetstream Software Expense any significant deviations between forecast and actuals?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes, the actuals are higher than the forecast.	"Alchemy billed this month for USD 4,047."		
1.10	Has the Jetstream Software Development Expense any significant deviations between forecast and actuals?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No actuals in the budget statement for this category.			
1.11	Has the Jetstream Travel & Entertainment any significant deviation between the forecast and the actuals?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The actuals are lower than the forecast.	"Low travel expenses, no outstanding reason"		
1.12	Has the Jetstream Recruiting fees any significant deviation between the forecast and the actuals?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No actuals in the budget statement for this category.			
1.13	Has the Jetstream any significant deviation between the total actuals and the total payments?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes. Due to positive balance with payment service provider.			
1.14	Has the Jetstream presented the correct calculation of amounts for the actuals, forecast and difference?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
1.15	Does the Actual total amount match the on-chain payments for this month?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.	17,550.00 DAI Tx. corresponds to the Nov 2023 report.		
1.16	Has the Jetstream budget statement any budget category that seems inconsistent and needs further investigation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No.			
Audit Questions to Transparency Report - Section 2. Budget Forecast -								
2.1	Are the monthly forecast totals within the approved monthly budget caps?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
2.2	Is the 3-month forecast within the bounds of the approved budget caps?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
2.3	Has the Jetstream presented the correct calculation of amounts in the forecast table?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
Audit Questions to Section 3. MKR Vesting Overview -								
3.1	Has the Jetstream indicated the number of FTE in the transparency report's MKR vesting overview?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Jetstream has 1,619.93 MKR approved budget. Jetstream requests currently to receive 89.17 MKR per month.			
3.2	Has Jetstream changed the MKR amounts comparing it to last month?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No, Jetstream will receive the same MKR amount every month.			
3.3	Has Jetstream explained the MKR change in the transparency report?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A			
3.4	Has the Operational wallet received the monthly MKR for the previous month?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
3.5	Other Observations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No			
Audit Questions to Transparency Report - Section 4. Transfers -								
4.1	Does the Jetstream operational wallet balances match the transparency report current balance in the calculation made for the new transfer?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes, manual calculation made.			

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4.2	Are the payments from the operational wallet the same as in the actual section payments?	<div><div><input checked="" type="checkbox"/></div><div><input type="checkbox"/></div><div><input type="checkbox"/></div><div><input type="checkbox"/></div></div>	<div><div>Yes.</div><div>No, the block nr. need adjustment based on the October 2023 actual payments. Tech-support will resolve this action.</div><div>No.</div></div>			
4.3	Are the values in the Jetstream Accounts Snapshot table correct?	<div><div><input type="checkbox"/></div><div><input checked="" type="checkbox"/></div><div><input type="checkbox"/></div><div><input type="checkbox"/></div></div>				
4.5	Other Observations	<div><div><input checked="" type="checkbox"/></div><div><input type="checkbox"/></div><div><input type="checkbox"/></div><div><input type="checkbox"/></div></div>				