

## Audit Report

Professional Ecosystem Actor : Jetstream

Audit ID: 2024-01-Jetstream

Audit Cycle: 2024-01/1

Audit Result: Needs EA Action

Audit Date: 2024-03-07

Submission Date: 2024-03-07

Facilitator contact: @0xdeniz

Professional Ecosystem Actor Clarification Received on Date:

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

MakerDAO Approved Executive 2023-07-16

MIP106: Support Scope Bounded Mutable Alignment Artifact

MIP108: Accessibility Scope Bounded Mutable Alignment Artifact



#	Audit Question					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.								
						Yes: Jetstream Operational Wallet quorum (4:7)  Controlled by the Jetstream team Eth Address: 0x3214b48Fc628F33ed0034d66c634f72Af3dF6577 Signers: eth:0xC3D167553D95CAA871d0AE746AeaeF8da686b84F eth:0x7060225e382599D4582e1Dd461b78AFfc84732B2 eth:0x2E90C42f7E66d177fea58f02Dbf9F496e2b1129e eth:0x56898B99E73e07a85586D01f2b5b07559C1Fb1d7D eth:0x65b31b784F38b92CF70390DE90910E4C56f59467 eth:0xEED7EF9113A43D0FCCD8A5b2Aa0c4F220cc60f97 eth:0xa8cD966f7e8975eE71C602CA9668678Ea3Dd42B1			
0.1	Is the Multi-sig operational wallet setup correct?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
0.2	Is the Jetstream operational wallet controlled by more than 1 signer?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes, the Jetstream operational wallet has a current policy of 4 out of 7 signers			
						Yes: Jetstream Auditor Wallet quorum (2:3)  Controlled by the SES Core Unit. Address: eth: 0xF478A08C41ad06E8D957d5e6B6Bcde7452cEE962 Signers: Accountant Role Wallet 0xA2A855Ac8D2a92e8A5a437690875261535c8320C Auditor Role Wallet 0x88B3e82A55c5215d0499Da4bBd63fc3e43F26232 MCD-Pause_Proxy 0xBE8E3e3618f7474F8cB1d074A26affef007E98FB			
0.3	Is the Multi-sig Auditor Wallet the same as described in the approved executive proposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
0.4	Has the Auditor wallet received the Dai funds from stream N35?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
0.5	Has the Auditor wallet received the MKR funds from stream N41?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
0.6	Has the Jetstream operational wallet received the funds requested in the last Budget Statement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
0.7	Has the Jetstream Auditor wallet sufficient funds for transfer to the Jetstream operational wallet?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
1.2	Are the differences between forecast and actuals explained in the transparency report?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
1.3	Are the Jetstream actual expenses within the monthly approved buget cap 164,667.00 DAI?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
1.4	Are the Jetstream actual expenses within the quarterly budget cap?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
1.5	Has the Jetstream Compensation & Benefits any significant deviations between forecast and actuals?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.	"Difference due to exchange rate difference"		
1.6	Has the Jetstream Gas Expense any significant deviation between forecast and actuals?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No actuals in the budget statement for this category.			

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MIP106: Suppport Scope Bounded Mutable Alignment Artifact

MIP108: Accessibility Scope Bounded Mutable Alignment Artifact

Approved
Approved with comments
Needs action before approval
Dispute

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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"/>	<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"/>	<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"/>	<input type="checkbox"/>	Yes.	"DAI 2,500 were given as a bug bounty reward."		
1.1	Has the Jetstream Software Development Expense any significant deviations between forecast and actuals?	<input type="checkbox"/>	<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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The actuals are lower than the forecast. Missing comment.		Jetstream should always add comments to the differences.	
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"/>	<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"/>	<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"/>	<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"/>	<input type="checkbox"/>	Yes. Includes a transfer to top-up credit cards.			
1.16	Has the Jetstream budget statement any budget category that seems inconsistent and needs further investigation?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Yes, there are admin expenses linked to different projects 0.0019248363692227052, 0.0007800077911635368 and a null as project/group name. This seems to be an error in the master sheet.		Clean up Column Q in the Master sheet and push the data again, check that the report reflects the correct grouping. Avoid using the cell under code titles with (!) for other purposes than indicated in the title.	
1.17	Other Observations	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The report's status needs to be changed to review whenever it is ready for audit.		Move the status of the Jan-24 report from Draft to Review.	
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"/>	<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"/>	<input type="checkbox"/>	Yes.			
2.3	Has the Jetstream presented the correct calculation of amounts in the forecast table?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Travel & Entertainment forecast for March 2024 has a N/A. Review the forecast for this month.		Travel & Entertainment forecast for March 2024 has a N/A. Review the forecast for this month.	
Audit Questions to Section Transparency Report - 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"/>	<input type="checkbox"/>	Jetstream has 1,619.93 MKR approved budget over 18 months starting on 2023-06-26 and ending on 2024-12-31.			
3.2	Has Jetstream changed the MKR amounts comparing it to last month?	<input checked="" type="checkbox"/>	<input 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"/>	<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"/>	<input type="checkbox"/>	Yes.			
3.5	Other Observations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The Auditor wallet has transferred 89.17 MKR to the operational wallet. The MKR table will be updated with the vested amounts from the auditor wallet.			
Audit Questions to Transparency Report - Section 4. Transfers -									

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Approved

Approved with comments

Needs action before approval

Not done

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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"/>	<input type="checkbox"/>	Yes, manual calculation made.			
4.2	Are the payments from the operational wallet the same as in the actual section payments?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	It is not clear if the any of the 8,775 DAI payments correspond to Jan-24. The links to the trx. in the master sheet need to be updated.		Jetstream to update the link to the trx in the master reg. sheet.	
4.3	Are the values in the Jetstream Accounts Snapshot table correct?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Yes if non of the 8,775 DAI payments correspond to Jan-24			
4.5	Other Observations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No.			