

Audit Report

Core Unit Name: Deco

Audit ID: 2022-12-Deco-001

Audit Cycle: 2022-12/ 2

Audit Date: 12-14-2022

Submission Date: 12-02-2022

Audit Result: Approved with comments

CU contact: Vamsi Alluri

Core Unit Clarification Received on Date: 12-14-2022

Transparency Report: <https://github.com/deco-protocol/maker-cu-transparency-reporting/blob/main/monthly-budget-statements/2022-12.md>

MIP40c3-SP35: <https://forum.makerdao.com/t/mip40c3-sp35-deco-fixed-rate-core-unit-budget/10225>

MIP40c3-SP36: <https://forum.makerdao.com/t/mip40c3-sp36-deco-fixed-rate-core-unit-mkr-budget/10226>



#	Audit Question	Approved	Approved with comments	Needs action before approval	Disbale	Audit Assessment	Core Unit's Clarification	Immediate CU Action to Improve Monthly Budget Statement	Medium Term CU Action to Improve Monthly Budget Statement
	Audit Questions to the Structure of the Monthly Budget Statement and consistency with Deco MIP40c3-SP35								
0.1	Are the sections in the Monthly Budget Statement in the correct order: Budget Description 1. Monthly Deco Revenue 2. Maker Dai Disbursements 3. Maker Protocol Credits 4. Monthly Term Operating Commitment 5. MKR Vesting Overview 6. MIP Term MakerDAO Protocol Commitment/Credit Accounting 7. Monthly Dai Transfers 8. Monthly MKR Transfers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
0.2	Is the budget description in the budget statement aligned with the approved MIP?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
0.3	Does the Budget Statement include the "Actual section" with the Budget Category breakdown, Forecast, Actuals, Difference and Payments?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The Deco CU will not include the actual section in their transparency reporting as part of their budget statements.			
0.4	Is the Deco Protocol wallet set up the same as described in the MIP40c3-SP35?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No. According to the MIP, the Deco protocol wallet should have 3 owners. This wallet has only 2 owners currently. "The Deco Protocol Wallet is a 2-out-of-3 multisig wallet controlled by the Deco Core Unit to be used to aggregate Deco revenue pending achievement of benchmarks and subsequent distribution. Address: 0xA78F1F5698f8d345a14d7323745C6c56fB8227F0 Current signers: eth:0x150378665aD818b09E2be76B3301AA63bA762A42 eth:0xdC2Cf5cBFa31958ED32c3aCE696eE6Bf1A6a19f4	Deco will add the third signer to the Deco Protocol wallet, there is no specific date for this action yet.	Deco should add the third owner to the Protocol wallet as indicated in the MIP40c3-SP35.	
0.5	Is the Deco Protocol wallet controlled by more than 1 signer?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes: Deco Protocol Wallet quorum (2:2) Controlled by the Deco Core Unit team Address: eth:0x56349A38e09f36039f6AF77309690d217Beaf0bF Signers eth:0x51A0c013Af896E8e9e789dE0cA362Cdc9380E7C6 eth:eth:0x02E5c56288789e1a8e7D74F0F02A141EDE6B0c8 eth:0xBE8E3e3618f7474F8cB1d074A26afFef007E98F8			
0.6	Is the Auditor wallet Multi-sig wallet set up the same as described in the MIP40c3-SP35?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Address: eth:0xF482D1031E5b172D42B2DAA1b6e5Cb6f519596f7 Signers: eth:0x40468fbDa08772FD639C82A216480A1ef2EE4483 eth:0x4714C7FE5D0213615FC6CB88717B524eC433e9a eth:0xFCa6e196c2ad557E64D9397e283C2AF57344b75 eth:0xA2A855Ac8D2a92e8A5a437690875261535c8320C (Added on September 15th)			
0.7	Has the Deco Auditor wallet received the funds from the protocol prior transfer to the Deco Operational Wallet?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The Deco's auditor wallet has received 298,469.84518236 DAI on September 4th, 2022 https://etherscan.io/tx/0x62f3f4405c535b3da0559c62318e94c4aeab41766ce28290a05b6560aff1409b			
0.8	Has the Deco Auditor wallet sufficient funds to send the requested DAI to the Deco Operational wallet?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No. The Deco Auditor Wallet current balance is 19,638.63986094 DAI and 125 MKR on Dec 8th, 2022 https://etherscan.io/address/0xF482D1031E5b172D42B2DAA1b6e5Cb6f519596f7 The request of funds is pending execution in the Deco Auditor wallet.			

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					Yes: Deco Operational Wallet quorum (2:3)			
	Is the Deco operational wallet controlled by more than 1 signer?				Controlled by the DECO Core Unit team Address: eth:0x56349A38e09f36039f6AF77309690d217Beaf0bF Signers eth:0x02E5c56288789Ee1a8e7D74F0F02A141EDE680c8 owner eth:0x40126C768E72a3Dc7FffDf24B6928F591c2a2498 swapped on July 24, 2022 for current owner eth:0x51A0c013Af896E8e9e789dE0cA362Cdc93B0E7C6 eth:0xBE8E3e3618f7474F8cB1d074A26afFe007E98FB			
0.9		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
	Audit Questions to section - 1. Monthly Deco Revenue -							
1.1	Does the Monthly Revenue in DAI in the budget statement match the revenue stream in the Deco protocol wallet 0xA78F1F5698f8d345a14d7323745C6c56fB8227F0?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes. No trace of DAI transactions to date.			
1.2	Is the calculation of the revenue in the budget statement correct?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
	Audit Questions to section - 2. MakerDAO Disbursements -							
2.1	Does the MakerDAO Disbursements match the approved monthly fixed floor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes. The approved monthly fixed floor is 155,208.33 DAI.			
2.2	Is the lifetime amount specified in the MakerDAO disbursements table correctly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
2.3	Is the prior month specified in the MakerDAO disbursements table correctly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
2.4	Is the prior month amount specified in the MakerDAO disbursements table correctly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes. Deco received 155,208.33 on November 7th, 2022.			
2.5	Is the calculation of the MakerDAO Disbursement Grand Total specified in the budget statement correct?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes the Grand total was corrected as indicated in audit report v1.			
	Audit Questions to section - 3. Maker Protocol Credits -							
3.1	Is the total lifetime DAI distributions amount specified correctly in the Maker Protocol Credits table?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
3.2	Is the lifetime MKR distributions amount specified correctly in the Maker Protocol Credits Table?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
3.3	Is the calculation of the Maker Protocol Credits Grand Total correct?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
	Audit Questions to section - 4. Monthly Term Operating Commitment -							
4.1	Is Deco revenue for the given month specified correctly in the monthly term operating commitment table?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
4.2	Is Deco fixed monthly floor specified correctly in the monthly term operating commitment table?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes. The fixed monthly floor is 155,208.33 DAI			
4.3	Is Deco’s revenue above the fixed monthly floor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No.			
4.4	Is the calculation of the December 2022 monthly MakerDAO commitment correct?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
4.5	Has the Deco operational wallet received the fixed amount of 155,208.33 DAI after the audit of the last transparency report/Budget Statement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes. Deco received 155,208.33 DAI on November 7th, 2022. https://etherscan.io/tx/0x89313f1dfe701b1be975bfc3acc4c90d1f2a5558f07c2a54dd4774aaeba71e38			
	Audit Questions to section - 5. MKR Vesting Overview -							
5.1	Has Deco indicated the number of FTE in the Monthly Budget Statement’s MKR vesting overview?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No. Deco has a fixed rate of 1,500 MKR over three years.			

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5.2	Are the MKR vesting dates the same as in the MIP40c3-SP36?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
5.3	Has Deco changed the MKR amounts, comparing it to the MIP40c3-SP36?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No.			
5.4	Has Deco explained the MKR change in the Monthly Budget Statement?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	This control can only be done if the above question is yes.			
5.6	Is the amount of MKR for the next vesting amount March 2023 correct?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes. The amount is 125 MKR.			
5.7	Is the recipient multi-sig address "Auditor wallet eth address" specified correctly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes. The Auditor wallet eth address in the transparency report is 0xf482D1031E5b172D42B2DAA1b6e5Cb6519596f7			
Audit Questions to section - 6. MIP Term MakerDAO Protocol Commitment/Credit Accounting -									
6.1	Is the specified month in the MIP Term MakerDAO Protocol Commitment /Credit Accounting table correct?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
6.2	Is the grand total Lifetime DAI Distributions including the given month specified correctly in the table?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
6.3	Is the grand total Lifetime MKR Distributions @2.945 DAI/MKR specified correctly in the table?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
6.4	Is the calculation of the Deco Revenue Credits in DAI to Maker Protocol correct?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
6.5	Is the TOTAL Present Maker Protocol Advance to Deco Core Unit calculation correct?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
Audit Questions to section - 7. Monthly Dai Transfers -									
7.1	Does the Deco request for the new transfer match the monthly floor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
7.2	Is the recipient multi-sig address "operational wallet ETH address" specified correctly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes. The multi-sig eth address is 0x56349A38e09f36039f6AF77309690d217Beaf0bF			
7.3	Is the MKR transfer amount corret?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
7.4	Has the Operational wallet paid out the 500 MKR corresponding to the June 2022 Vest?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No.			
7.5	Has the Operational wallet paid out the 125 MKR corresponding to the September 2022 Vest?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No.			
7.6	Is the Lifetime MKR amount transferred to the Auditor wallet correct?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
7.7	IS the Auditor wallet current MKR balance correct?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes.			
7.8	Does the Deco Operational wallet need to return excess funds to the Auditor wallet based on the December 2022 budget report?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No. The Deco auditor wallet will request the accrued funds from the protocol.			
7.9	Does Deco Auditor wallet need to return excess funds to the MakerDAO Protocol based on the December 2022 budget report?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No.			