Testing

- Z Redeem Tokens
- Z Redeem NFT
- Z Approve PositionManager NFT SC
- Z Approve SwapRouter SC
- ✓ Approve Infinity
- Swap for single input
- Swap for single output
- V Mint New Position
- **v** receive nft, transfer
- v receive nft, safeTransfer
- ✓ receive nft, correct implementation
- **v** receive nft, only owned position (within transfer)
- ✓ receive nft, awareness (deposit mapping)
- **V** Decrease Liquidity
- Increase Liquidity
- Collect Fee (Withdraw: flase)

Transfer ERC20 and Redeem

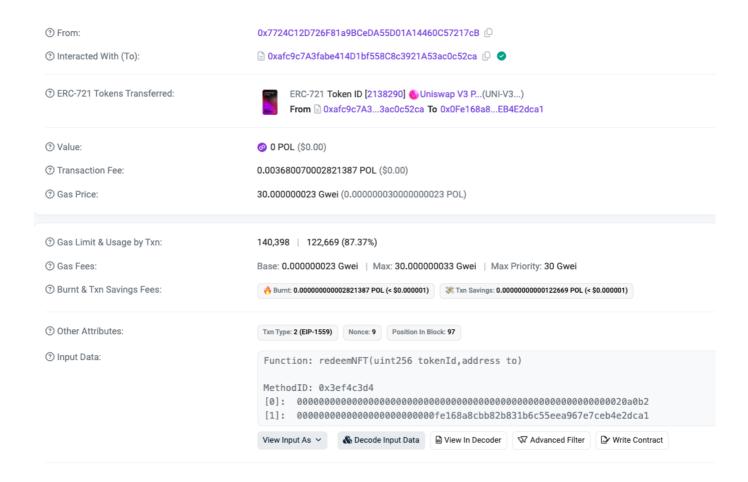


Transfer ERC721 and Redeem

Transfer NFT Position to SC

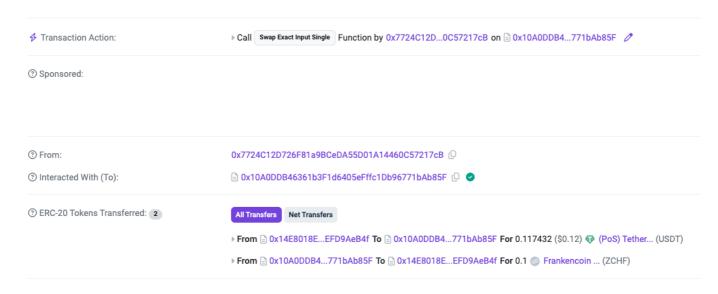


Redeem with admin rights from SC

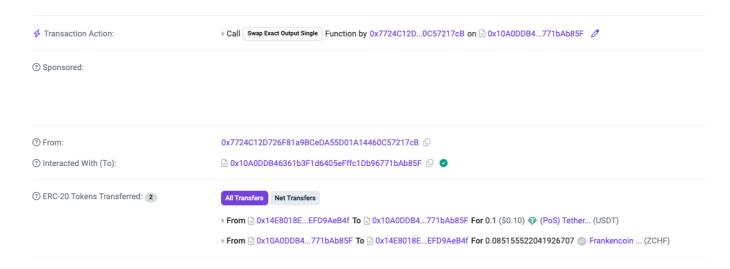


Swaps

Swap Exact Input Single through SC



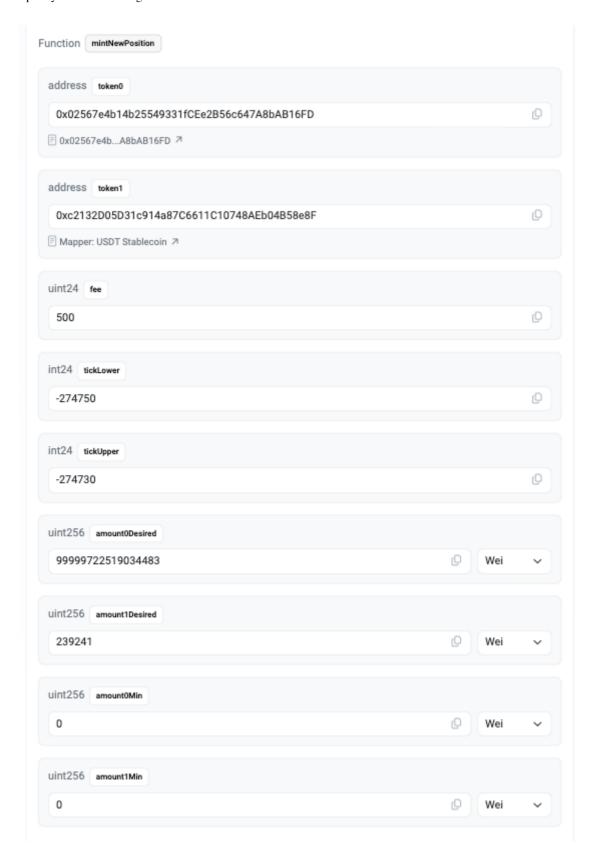
Swap Exact Output Single through SC



Create mint

Deployment No. 3 - 0xaACb94eC5eE4e6742aC4472Fd275569378F0A2B4

https://polygonscan.com/tx/0x76d5bab286491193bb472fdf74783277526c00dc443d7d3b015ecdd939c95789

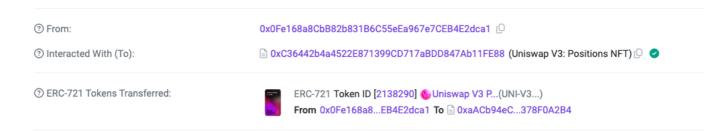




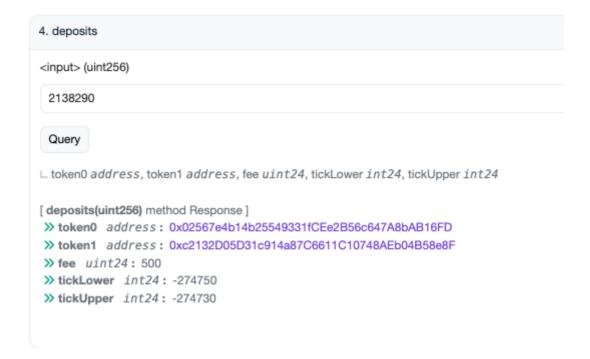
Receive NFT from EOA via SafeTransfer

This will test the correct implementation from ERC721 (IERC721Receiver, onERC721Received)

https://polygonscan.com/tx/0xd5599599b8af6566cc0803f4a9f2131dbdef8a683fe2af4eb23c36ab1076399f



LiquidityController awareness of Transfered ERC721



Decrease Liquidity

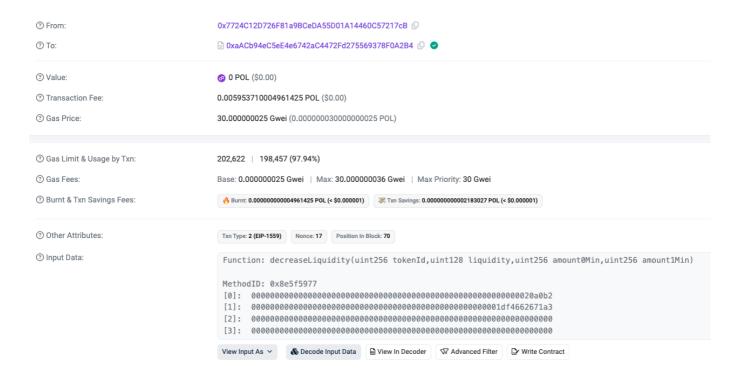
https://polygonscan.com/tx/0xbfb366ca049bd102bdeeca0952a60609ffb090d76985569a7bd455c9ca6b6edc



Before



Tx

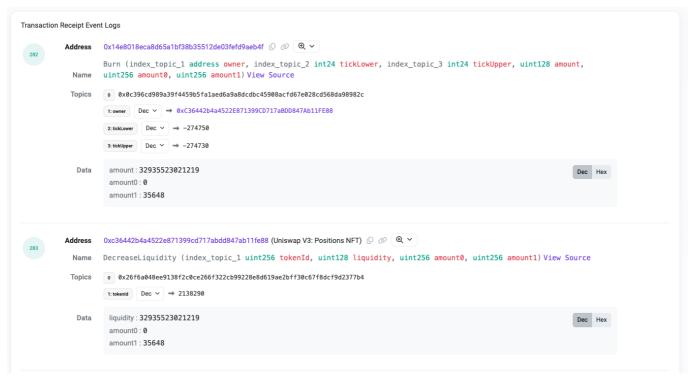


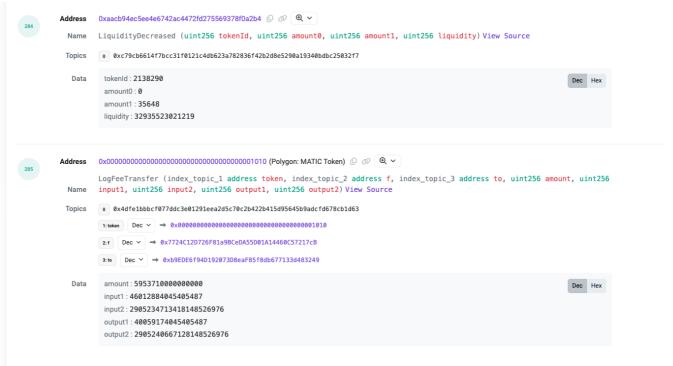
After



Wondering?

Why is there no ERC20 token transfer back to the LiquidityController?

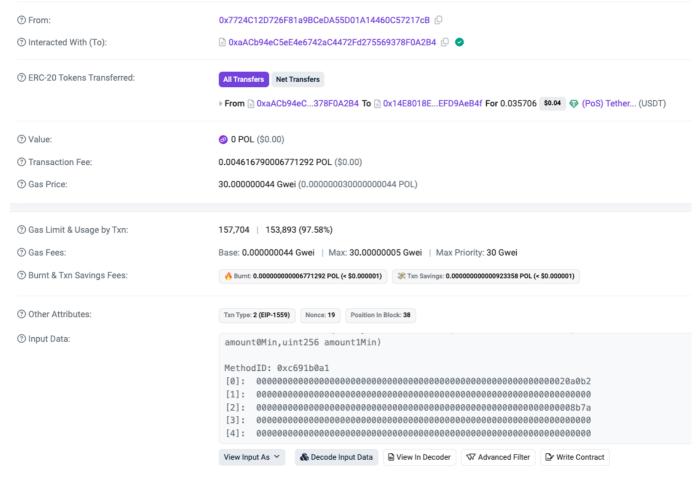


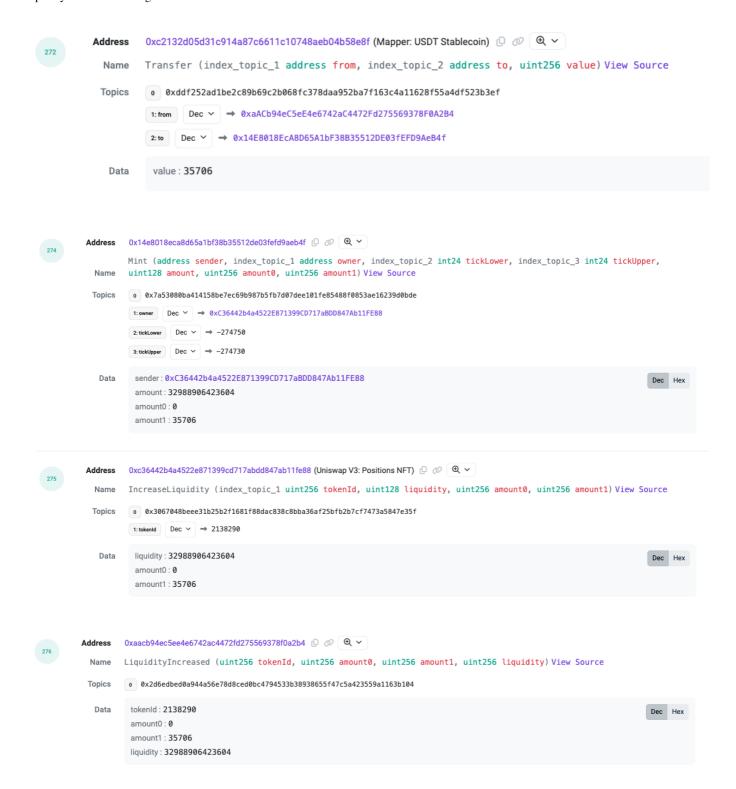


Increase Liquidity

https://polygonscan.com/tx/0xcfece73327808255b7b219affb441c19aea27a566de463acfc1b57e4572812d0







Collect Fee

https://polygonscan.com/tx/0xbacb64eaffc1438ddcbe8a8b817606995d4eee81924db2a8c3c524bbef418420#eventlog

