

Audit Report

Captain George

December 2021

Type	BEP20
Address	0x6fe31e04096f2ff173776763466e1e0bdeb97256
Audited by	© coinscope

Table of Contents

Table of Contents 1
Contract Review 2
Audit Updates 2
Contract Analysis 3
Contract Diagnostics 4
Contract Functions 5
Contract Flow 9
Domain Info 9
Summary 11
Disclaimer 12
About Coinscope 13

Contract Review

Contract Name	CaptainGeorge
Compiler Version	v0.8.7+commit.e28d00a7
Optimization	200 runs
Licence	MIT
Explorer	https://bscscan.com/token/0x6fe31e04096f2ff173776763466e1e0bdeb97256
Symbol	CGT
Decimals	9
Total Supply	1,000,000,000
Source	contract.sol
Domain	captaingeorge.io

Audit Updates

Initial Audit	20th December 2021
Corrected	

Contract Analysis

Critical Medium Pass

Severity	Code	Description
	MT	Contract Owner is not able to mint new tokens
	BT	Contract Owner is not able to burn tokens from specific wallet
	ELFM	Contract Owner is not able to increase fees more than a reasonable percent (25%)
	ST	Contract Owner is not able to stop or pause transactions
	OCTD	Contract Owner is not able to transfer tokens from specific address
	ULTW	Contract Owner is not able to increase the amount of liquidity taken by dev wallet more than a reasonable percent
	BC	Contract Owner is not able to blacklist wallets from selling

Contract Diagnostics

Pass	Name
✓	Integer Underflow
✓	Parity Multisig Bug
✓	Callstack Depth Attack
✓	Transaction-Ordering Dependency
✓	Timestamp Dependency
✓	Re-Entrancy

Contract Functions

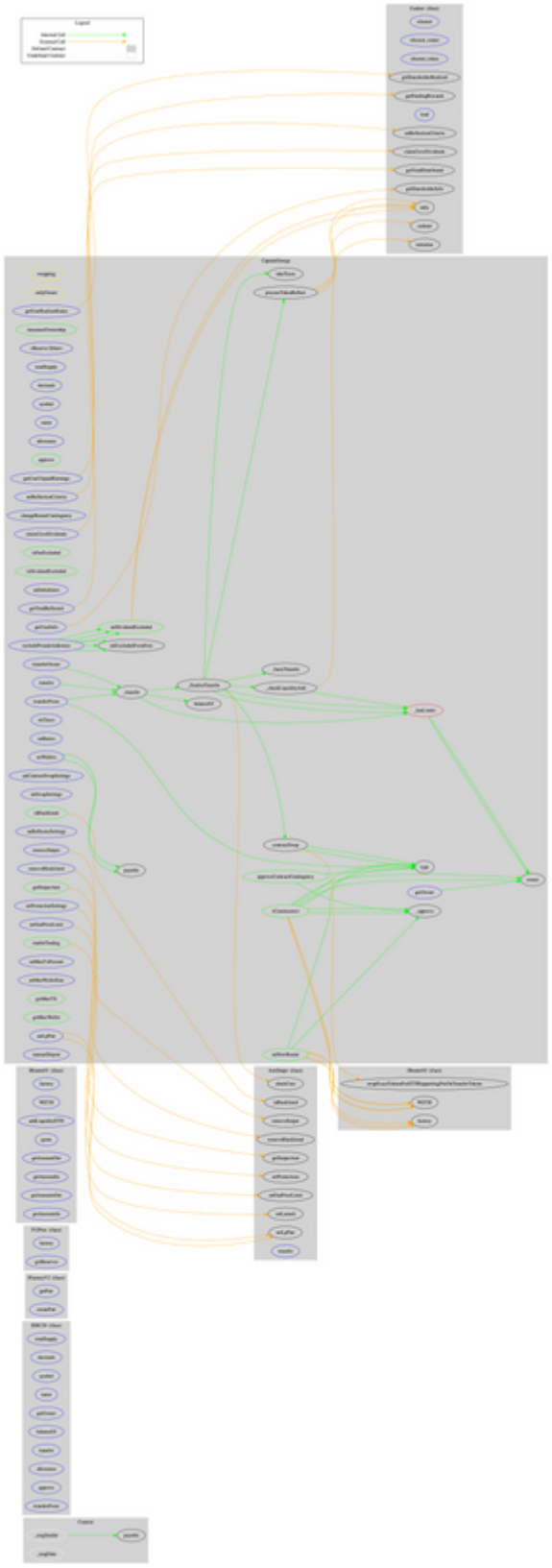
Contract	Type	Bases		
	Function Name	**Visibility**	**Mutability**	**Modifiers**
Context	Implementation			
	_msgSender	Internal		
	_msgData	Internal		
IERC20	Interface			
	totalSupply	External		-
	decimals	External		-
	symbol	External		-
	name	External		-
	getOwner	External		-
	balanceOf	External		-
	transfer	External	✓	-
	allowance	External		-
	approve	External	✓	-
	transferFrom	External	✓	-
IFactoryV2	Interface			
	getPair	External		-
	createPair	External	✓	-
IV2Pair	Interface			
	factory	External		-
	getReserves	External		-
IRouter01	Interface			
	factory	External		-
	WETH	External		-

	addLiquidityETH	External	Payable	-
	quote	External		-
	getAmountOut	External		-
	getAmountIn	External		-
	getAmountsOut	External		-
	getAmountsIn	External		-
IRouter02	Interface	IRouter01		
	swapExactTokensForETHSupportingFeeOnTransferTokens	External	✓	-
AntiSnipe	Interface			
	checkUser	External	✓	-
	setLaunch	External	✓	-
	setLpPair	External	✓	-
	setProtections	External	✓	-
	setGasPriceLimit	External	✓	-
	removeSniper	External	✓	-
	getSniperAmt	External		-
	removeBlacklisted	External	✓	-
	isBlacklisted	External		-
	transfer	External	✓	-
Cashier	Interface			
	whomst	External		-
	whomst_router	External		-
	whomst_token	External		-
	setReflectionCriteria	External	✓	-
	tally	External	✓	-
	load	External	Payable	-
	cashout	External	✓	-
	claimCrewDividends	External	✓	-
	getTotalDistributed	External		-
	getShareholderInfo	External		-
	getShareholderRealized	External		-
	getPendingRewards	External		-

	initialize	External	✓	-
CaptainGeorge	Implementation	IERC20		
	<Constructor>	Public	Payable	-
	owner	Public		-
	transferOwner	External	✓	onlyOwner
	renounceOwnership	Public	✓	onlyOwner
	<Receive Ether>	External	Payable	-
	totalSupply	External		-
	decimals	External		-
	symbol	External		-
	name	External		-
	getOwner	External		-
	balanceOf	Public		-
	allowance	External		-
	approve	Public	✓	-
	_approve	Private	✓	
	approveContractContingency	Public	✓	onlyOwner
	transfer	External	✓	-
	transferFrom	External	✓	-
	changeRouterContingency	External	✓	onlyOwner
	isBlacklisted	Public		-
	isFeeExcluded	Public		-
	isDividendExcluded	Public		-
	setInitializers	External	✓	onlyOwner
	removeSniper	External	✓	onlyOwner
	removeBlacklisted	External	✓	onlyOwner
	getSniperAmt	Public		-
	setProtectionSettings	External	✓	onlyOwner
	setGasPriceLimit	External	✓	onlyOwner
	enableTrading	Public	✓	onlyOwner
	setDividendExcluded	Public	✓	onlyOwner
	setExcludedFromFees	Public	✓	onlyOwner
	setTaxes	External	✓	onlyOwner
	setRatios	External	✓	onlyOwner

	setWallets	External	✓	onlyOwner
	setContractSwapSettings	External	✓	onlyOwner
	setSwapSettings	External	✓	onlyOwner
	setReflectionCriteria	External	✓	onlyOwner
	setReflectorSettings	External	✓	onlyOwner
	claimCrewDividends	External	✓	-
	getTotalReflected	External		-
	getUserInfo	External		-
	getUserRealizedGains	External		-
	getUserUnpaidEarnings	External		-
	setNewRouter	Public	✓	onlyOwner
	setLpPair	External	✓	onlyOwner
	setMaxTxPercent	External	✓	onlyOwner
	setMaxWalletSize	External	✓	onlyOwner
	getMaxTX	Public		-
	getMaxWallet	Public		-
	excludePresaleAddresses	External	✓	onlyOwner
	_hasLimits	Private		
	_transfer	Internal	✓	
	_finalizeTransfer	Internal	✓	
	processTokenReflect	Internal	✓	
	_basicTransfer	Internal	✓	
	takeTaxes	Internal	✓	
	contractSwap	Internal	✓	swapping
	manualDepost	External	✓	onlyOwner
	_checkLiquidityAdd	Private	✓	

Contract Flow



Domain Info

Domain Name	captaingeorge.io
Registry Domain ID	d4ab8df77ac04a71bf35eafe24d1972b-DONUTS
Creation Date	2021-11-21T05:26:55Z
Updated Date	2021-11-26T05:27:03Z
Registry Expiry Date	2022-11-21T05:26:55Z
Registrar WHOIS Server	whois.godaddy.com/
Registrar URL	http://www.godaddy.com/domains/search.aspx?ci=8990
Registrar	GoDaddy.com, LLC
Registrar IANA ID	146

The domain has been created 29 days before the creation of the audit. It will expire in 11 months.

There is no public billing information, the creator is protected by the privacy settings.

Summary

Captain George Token is aiming to deliver a 3D NFT Ship Battle Game. Additionally, it is categorised as a charity token that will help serve the oceans by education of conservation and cleanup. The token has a friendly and growing community. The contract analysis reported no compiler errors or critical issues. The smart contract contains 2 external implementations, the AntiSnipe and Cashier. The source code of those clases is not public. A multi-wallet signing pattern will provide security against potential hacks.

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About Coinscope

Coinscope is the leading early coin listing, voting and auditing authority firm. The audit process is analyzing and monitoring many aspects of the project. That way, it gives the community a good sense of security using an informative report and a generic score.

Coinscope is aiming to make crypto discoverable and efficient globally. It provides all the essential tools to assist users draw their own conclusions.



The Coinscope.co team

https://www.coinscope.co