



GLI®

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RvA Registration Number of Accreditation applicable to this Report:	
Testing	L372
Certification	C577

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Report Type: Evaluation and Certification

Report Date: 8 January 2020

Issuing Laboratory: GLI Europe B.V.

Evaluating Laboratories: GLI Europe B.V.

Av. Corts Catalanes 9-11
SC Trade Center, Building 3 1D
08173 St. Cugat del Vallès (Barcelona)
Spain

Report Recipient: NetEnt Product Services Ltd
Level One, Spinola Park
Mikiel Ang. Borg Street
SPK1000 St. Julians
Malta

Jurisdiction: Romania Online

ORDER no. 93/18.04.2016 for the approval of the mandatory stipulations afferent to the certification and auditing of remote games of chance systems.

Technical Standards for Testing:

Government Decision no. 111/2016 of the 24th of February 2016 regarding the approval of the Methodological norms of applying the Emergency Government Ordinance no. 77/2009 regarding the games of chance organization and operation and for the modification and supplementation of the Government Decision no. 298/2013 regarding the organization and functioning of the National Office for Games of Chance, for the modification of the Government Decision no. 870/2009 for the approval of the Methodological norms of applying the Emergency Government Ordinance no. 77/2009 and for the repeal of the Government Decision no. 870/2009 regarding the games of chance organization and operation.

Software Supplier: NetEnt Product Services Ltd
Level One, Spinola Park
Mikiel Ang. Borg Street
SPK1000 St. Julians
Malta

Submitting Party/ Licensee Name: NetEnt Gaming Solutions PLC
Level One, Spinola Park
Mikiel Ang. Borg Street
SPK1000 St. Julians
Malta

Product Tested: "Ocean's Treasure™" 1.4.0
"Ocean's Treasure Touch™" 1.4.0

Request Date: As requested per submitter's request received on 3 December 2019.

Evaluation Period: 17 December 2019 / 31 December 2019

Internal Reference: MO-343-NE1-19-120

Testing Result: Subject to the Conditions of Evaluation section of this Report:

Complies

Internal Methods Used Reference: WIP 24

Modified 11 December 2019

FM-QA-040

Page 1 of 9





Software Product Details

GLI tested the following games during the evaluation:

Game Type	Game Name	Client Game IDs	Version	Uses RNG approved in Report
Slot Games	1. "Ocean's Treasure™"	oceanstreasure_not_mobile	1.4.0	2017NET124RNG343_2
	2. "Ocean's Treasure Touch™"	oceanstreasure_mobile_html		

The games were tested in an environment containing the following components:

Client-Side Details	
Delivery Mechanism:	Desktop Web Based & Mobile Web Based
Delivery Mechanism Type:	HTML5
Testing Details	
Browsers and Versions Tested With:	Chrome V79.0.3945.88
Operating System(s) with Version:	Windows 10 Pro





Software Product Details

For version-control of the files, GLI gathered the following checksums:

File Name	SHA-1 Checksum
oceanstreasure-bundle-production-1.4.0.jar	38DE1851090C2FFDAF85B3C8F712CAD42FC64A5A





Games Evaluation

Descriptions of the submitted games are given below.

1. **“Ocean’s Treasure™”**

“Ocean’s Treasure™” is a 5-reel, 15-line online video reel game featuring wild symbols and a scatter symbol. The game includes a ‘Free Spins’ feature.

2. **“Ocean’s Treasure Touch™”**

“Ocean’s Treasure Touch™” is a 5-reel, 15-line online video reel game featuring wild symbols and a scatter symbol. The game includes a ‘Free Spins’ feature.





Games Evaluation

GLI's Games Evaluation of NetEnt Gaming Solutions PLC's games included (but was not necessarily limited to) the following elements to the extent necessary to evaluate the games for compliance with the requirements in the standards listed on the first page:

- Unsupervised build and install,
- Verified artwork: verify game rules correctness and game screen,
- Metering - verified all metering. Verify funds management inside the game

GLI has performed an independent calculation of the theoretical Percentage Return to Player (RTP%) values of the games, and the results are shown in the table below.

Game Name	NetEnt Gaming Solutions PLC's Submitted RTP%	GLI's Mathematics Results		
		Game RTP%	Types of RTP%	Method of Analysis
"Ocean's Treasure™"	95.99%	95.99%	Average	Simulation
"Ocean's Treasure Touch™"	95.99%	95.99%	Average	Simulation





Jurisdictional Requirements

Annex no. 7 to the methodological norms		Determination	Result/Explanation
DOCUMENTS required in order to obtain the authorization to operate games of chance			
II. For remote games of chance			
For authorizations to operate remote games of chance:			
6.	The documents that prove that the certifications were granted for the gaming programme, the theoretical percentage prize (RTP) and the random numbers generator (RNG);	Pass	





Recommendations

There are no recommendations to be made.





Conditions of Evaluation

GLI's compliance evaluation of NetEnt Gaming Solutions PLC's games is subject to the following conditions:

- Data is being sent to the mirror and safe by the operator.
- GLI's compliance evaluation of NetEnt Gaming Solutions PLC's games was related only to the technical scope of work elements discussed herein. This specifically excludes any other features or functions provided by the submission not related to these elements.
- GLI's compliance testing of the games did not include a supervised Build and Install of the software components under test and as a result a standard baseline envelope for the application files, source code, binaries and configuration files could not be established for the games. Therefore, GLI is unable to verify that the games tested by GLI correspond exactly to the source code provided to GLI. The compliance evaluation of the slot games was limited to the evaluation of the information provided by the supplier at the time of testing.
- GLI generated the checksums of the software and source code files using the methods stated below:

Verify+ by Kobetron™ - Verification Procedure for Files or Directories:

1. Open Verify+ by Kobetron™.
2. Select the "File" or "Directory" radio button option.
3. Select the "Browse" button and then choose the file or the top directory for which a signature is being requested.
4. Click the "Verify" button.
5. The current File/Directory being checked will be displayed in the window.
6. The program will generate the aforementioned signatures and display the results.





Conclusion

Subject to the Conditions of Evaluation, GLI has determined that the below games submitted by NetEnt Gaming Solutions PLC comply with the requirements of the applicable Technical Standards in the jurisdiction of Romania Online, as regulated by National Office for Games of Chance (ONJN).

Game Name	Version
1. "Ocean's Treasure™"	1.4.0
2. "Ocean's Treasure Touch™"	

If you should have any questions regarding this information, please feel free to contact our office.

Sincerely,

Martin Britton
Managing Director

