

GAMES CONSOLES SELF-REGULATORY INITIATIVE

INDEPENDENT INSPECTOR ANNUAL COMPLIANCE REPORT

Reporting Period January through December 2020

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(V0.2)



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01

SUMMARY

ANNUAL COMPLIANCE REPORT SUMMARY

The Summary covers the main sections of the report:

- The aims of the SRI and the key requirements covered
- The Signatories for the reporting period January through December 2020
- Summarises the data collection process and any issues
- Compliance requirements
- Compliance verification investigation
- Details compliance confirmation

These areas will all be covered in subsequent slides

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INTRODUCTION

INTRODUCTION

The Self-Regulatory Initiative (SRI) establishes a voluntary agreement for improved energy and resource efficiency, and end of life treatment and recycling of games consoles which use more than 20 watts in Active Game modes

The SRI details the scope, definitions and commitments, and other administration elements

A copy of the SRI can be found at the 'efficientgaming' website

For the reporting period January through December 2020 the SRI version 3.0 applies

The Annual Compliance Report has been compiled by the Independent Inspector following the submissions of Product Compliance Reports by the Signatories

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SIGNATORIES



SIGNATORIES

The SRI covers games consoles placed on the EU market by the Signatories

The Signatories are the three manufacturers of games consoles sold in the EU

Microsoft
Corporation

Nintendo Co., Ltd.

Sony Interactive
Entertainment Inc.

They represent 100% of the EU market

In 2020 sales of in-scope consoles amount to around 7.24M units.

The new consoles introduced by Microsoft and Sony in November 2020 accounted for around 32% of these sales during the 2020 reporting period

Eight games consoles fall within the scope of the SRI

Nintendo did not have a console falling within the scope for this reporting period, but is still a Signatory to the SRI

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COMMITMENTS AND REQUIREMENTS

REPORTING COMMITMENTS

Three main reporting commitments to be met by the Signatories for the Annual Compliance Report:

Ensure that Product Compliance Reports for all games consoles within the scope are submitted on time

Reviewed by the Independent Inspector

Ensure that the Product Compliance Reports for all games consoles are complete

Reviewed by the Independent Inspector

Ensure that no more than 10% of products, within the scope of the SRI, from an individual Signatory fail to comply with the requirements in the SRI

The Signatory completes a declaration within the PCR

A fourth commitment - to demonstrate that the SRI covers more than 80% of the games consoles sold in the EU for the preceding reporting period – requires the Signatories to report directly to the European Commission.

ENERGY EFFICIENCY – POWER CAPS



Tier 4 from January 2019 for Media Playback and Streaming, and Tier 5 from January 2020 for media navigation

Mode / Console Type	High Definition	Ultra-high Definition Media Capable	Ultra-high Definition Gaming Capable	
Navigation	50W Measured at HD video resolution	50W Measured at HD and 4K (UHD) video resolutions	65W Measured at HD and 4K (UHD) video resolutions	70W Measured at 4K (UHD) video resolutions
Media Play back and Streaming	60W Measured at HD video resolution	60W Measured at HD and 4K (UHD) video resolutions	70W Measured with HD video resolution	110W Measured at 4K (UHD) video resolutions

ENERGY EFFICIENCY – AUTO POWER DOWN



Operation modes other than Media Playback:

within 60 min

Media Playback (Disc and Streaming):

with in 4 hours

NON-ENERGY COMMITMENTS - 1



Resource efficiency and end-of-life

Facilitate refurbishment or out-of-warranty repair services:

Make spare parts available to authorised repair or refurbishment centres

Facilitate non-destructive disassembly of key components for recycling and reuse

Use of joining and sealing techniques that do not prevent removal of components

Component accessing enabled by documenting the dismantling operations

Make technical documents available to authorised repair centres

For end-of-life, efficient recycling is facilitated by:

Marking of plastic parts according to material composition (parts >25g)

Any external plastic enclosure components >100 g are removable using tools commercially available to recyclers

Providing information on whether plastic enclosure parts >25 g contain any brominated flame retardants >1000ppm

Providing information on whether LCD displays contain mercury

NON-ENERGY COMMITMENTS - 2



Support product life extension by providing information on:

How to keep the product in good working order

Instructions on deleting personal data

Information on options to upgrade the console

Information on end-of-life processing, refurbishment and out-of-warranty repair options

NON-ENERGY COMMITMENTS - 3



Information to consumers

Information for consumers is to be provided within console operating instructions - with the console itself, onscreen or hardcopy, or online:

Some energy consumption data (different modes)

Energy-saving advice (default modes and settings)

Adjusting automatic-power down settings

Signposts to end-of-life, refurbishment and out-of-warranty service information

Information to support product life extensions as given in the previous slide

Information on reparability, such as:

- whether commercially available or specialized proprietary tools are necessary,

- whether any repairer or authorized experts are required for repair diagnostics

- availability of spare parts by all repairers or only manufacturer authorized providers

- whether an out-of-warranty repair service is provided

MARKET COVERAGE



Each Signatory must ensure that at least 90% of the games consoles it places on the market and/or put into service meet the requirements of the SRI

The Signatories, in aggregate, must account for more than 80% of the unit sales of Games Consoles in the EU

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DATA COLLECTION AND PROCESSING



Data is submitted by the Signatories using a Product Compliance Report (PCR) template

Independent Inspector reviews the PCR to check that it is complete

Independent Inspector produces an Individual Compliance Report for each Signatory specifying any issues or confirming compliance

If required, a Signatory provides clarification on any issues and may resubmit a PCR

Independent Inspector produces the Annual Compliance Report

PRODUCT COMPLIANCE REPORT

- One product compliance report includes all the consoles from one manufacturer
- Signatories record whether a games console is:
 - a new games console
 - a revised model of an existing games console
 - or an existing games console model
- Only for a new games console is the completion of the whole PCR required
- For existing and revised consoles previously submitted PCR can be referenced
- The Signatories can cover the majority of SRI requirements by providing links to online consumer information

INDEPENDENT INSPECTOR REVIEW

The Product Compliance Reports (PCRs) were reviewed for completeness and online links checked to ensure the relevant information was provided

Microsoft

Two existing models – reference to the previous PCR published on the Efficiency Gaming website.

Two new consoles – information and online links provided in a PCR

Sony

Two consoles the same as the previous reporting period - reference to previous PCRs but with updated links to consumer information

Two new consoles – information and online links provided in a PCR

Nintendo

Not required to submit a PCR - no console that falls within the scope of the SRI for this reporting period

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SIGNATORY COMPLIANCE

SIGNATORY COMPLIANCE



Signatory Requirement	Compliance
Ensure that Product Compliance Reports for all games consoles within the scope of the SRI are submitted to the Independent Inspector on time	All reports received by the end of February
Ensure that the Product Compliance Reports for all games consoles are complete	Reports for all games consoles received and completed
Ensure that no more than 10% of products, within the scope of the SRI, from an individual Signatory fail to comply with the requirements in the SRI	Both manufacturers submitting PCRs declared that all consoles comply

COMPLIANCE SUMMARY



The two Signatory manufacturers and eight games consoles covered by, and complying with, the SRI for the reporting period 2020 are:

Manufacturer	Games Console	Type
Microsoft	Xbox One S (1681)	Ultra High Definition Media Capable
Microsoft	Xbox One X (1787)	Ultra High Definition Gaming Capable
<i>Microsoft</i>	<i>Xbox Series X (1882)</i>	<i>Ultra High Definition Gaming Capable</i>
<i>Microsoft</i>	<i>Xbox Series S (1883)</i>	<i>Ultra High Definition Media Capable</i>
Sony	PlayStation®4 (CUH-2216)	Ultra High Definition Media Capable
Sony	PlayStation®4 Pro (CUH-7216)	Ultra High Definition Gaming Capable
<i>Sony</i>	<i>PlayStation®5 (CFI-1016A)</i>	<i>8K Definition Capable</i>
<i>Sony</i>	<i>PlayStation®5 Digital Edition (CFI-1016B)</i>	<i>8K Definition Capable</i>

The new consoles for this reporting period are in *italics*.

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COMPLIANCE VERIFICATION INVESTIGATION

COMPLIANCE VERIFICATION INVESTIGATION

No compliance verification investigation was undertaken during this reporting period.

Although new models were introduced to the market, a compliance investigation is only triggered for new models after information has been submitted using the Product Compliance Report for the Annual Compliance Report.

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RECOMMENDATIONS



Compliance Investigation Review - follow up

- The recommendations in the last report considered the inclusion of a 10% allowance.
 - The Signatories have indicated that the latest SRI version, presented at the Consultation Forum meeting in December 2020, version 3.9.4, includes the required clarification: the 10% tolerance is limited to the power measurements. (The SRI version 3.9.4 was not publicly available at the time of writing the ACR)

RECOMMENDATIONS BY INDEPENDENT INSPECTOR - 2



Clarity on APD measurements

- Following a non-compliance in relation to APD during a compliance investigation, a couple of points have arisen that could be clarified in the SRI:
 - Specification of the maximum allowable duration that the APD process may take and inclusion of the length of the media content when declaring ADP, if this must be deducted from the reported total measured time in order to calculate time to APD.
 - How compliance is further verified following a non-compliance result – whether further independent tests (or information evidence) are required, or if a test report from the Signatory is sufficient.

RECOMMENDATIONS BY INDEPENDENT INSPECTOR - 3



- **Information to consumers**
 - During the review of the PCR online links, it was noted that information provided to consumers was not always neutrally worded, or the appropriate statement regarding the use of APD was not included. It is recommended that this aspect is revisited by the Signatories, prior to the next compliance investigation.

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Total Quality. Assured.