

GAMES CONSOLES SELF-REGULATORY INITIATIVE

INDEPENDENT INSPECTOR ANNUAL COMPLIANCE REPORT

Reporting Period 2019

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20th July 2020

(V1.0)



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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 2019
- 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 2019 the SRI version 2.6.3 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

Four 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

ENERGY EFFICIENCY – POWER CAPS



Tier 3 from January 2017

Mode / Console Type	High Definition	Ultra-high Definition Media Capable	Ultra-high Definition Gaming Capable	
Navigation	50W	50W	70W	
Media Play back and Streaming	60W	60W	Measured with HD video 70W	Measured with 4K video 110W
Additional power cap allowances when using a Natural User Interface	+15W	+20W	+20W	

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

Support product life extension by providing explanations 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

Facilitate refurbishment or out-of-warranty repair services:

Make spare parts available to authorised repair centres

Make technical documents available to authorised repair centres

Facilitate non-destructive disassembly for recycling, reuse, maintenance and refurbishment

Provide documentation to enable dismantling operations

For end-of-life, efficient recycling is facilitated by the marking of plastic parts according to material composition (parts >25g)

NON-ENERGY COMMITMENTS - 2



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

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 2017 PCR (previous format) published on the Efficiency Gaming website. No online links were given for the consumer information in the new format PCR

Sony

Two consoles the same as the previous reporting period - reference to previous PCRs. Updated links to consumer information due to changes in URL since last report

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	<ul style="list-style-type: none">• Sony declared all consoles comply• Microsoft failed to comply with the 90% requirement due to a non-compliance highlighted in the compliance verification investigation



COMPLIANCE SUMMARY

The two Signatory manufacturers and four games consoles covered by, and complying with, the SRI for the reporting period 2019 are:

Manufacturer	Games Console	Type
Microsoft	Xbox One S	Ultra High Definition Media Capable
Microsoft	Xbox One X	Ultra High Definition Gaming Capable
Sony	PlayStation 4 (22 series)	Ultra High Definition Media Capable
Sony	PlayStation 4 Pro (72 series)	Ultra High Definition Gaming Capable

The Microsoft consoles were considered compliant after software revisions following the compliance verification investigation

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COMPLIANCE VERIFICATION INVESTIGATION

COMPLIANCE VERIFICATION INVESTIGATION TRIGGER



The SRI states that a product compliance investigation may be conducted on any new games console model or a revised model after it is first placed on the market

Although there were no new models, no previous investigation had taken place

An investigation was deemed appropriate by the Signatories

The product investigation was undertaken in October 2019

Two models from each Signatory reporting consoles in 2018 were selected:

Xbox One S

PlayStation 4 (series 22)

Xbox One X

PlayStation 4 Pro (series 72)



THE ENERGY RELATED PERFORMANCE - ANNEX A-1

- Samples were purchased by the test laboratory
- Testing was carried out by the Consumer Electronics division of Intertek Performance Electrical & Network Assurance test facility in Milton Keynes, UK

Verification testing on the following:

Energy consumption	Auto-Power Down
Navigation mode (UHD and HD)	Navigation mode
Active gaming	Active gaming
Media playback DVD	Disc-based Media playback
Media playback Blu-ray Disc (HD/UHD)	Media streaming playback
Media streaming (HD)	



NON-ENERGY AND INFORMATION REQUIREMENTS – ANNEX A-2

Requirements:

- Information to support product life extension
- Provision on refurbishment or out-of-warranty repair service
- Provision of spare parts to authorised repair/refurbishment centres
- Confirmation of non-destructive disassembly of key components
- Provision of documents to enable access of components for dismantling operations
- Information to confirm the marking of plastic parts by composition
- Information demonstrating the provision of energy efficiency information to consumers

Signatories submitted documents or links to information:

- Evidence for the provision of information to consumers was via websites links to instructions
- For assessing components, copies of documents used by processers were provided
- For other aspects such as repair services, parts and plastic marking, signed letters from repair and/or recycling agents were provided

VERIFICATION INVESTIGATION RESULTS

Energy Performance Requirements

For both models from each manufacturer:

Sony ✓ Complied with energy related performance (energy consumption and APD)

Microsoft ✓ Complied with energy consumption

- APD: Met limit values for 1 out of 4 Modes

APD for DVD playback exceeded the limit value (240 minutes) by 1%

APD for navigation mode and active gaming exceeded the limit value (60 minutes) by more than 10%.

Non-Energy Requirements

✓ Both Sony and Microsoft provided appropriate information to verify the non-energy requirements

APD NON-COMPLIANCE FOR MICROSOFT XBOX

- The APD for DVD playback, navigation mode and active gaming exceeded the SRI limit values
- Microsoft communicated immediately the steps that were being undertaken to correct this issue
- The failure was attributed to interpretation by software team regarding the initiation of APD
- A software update was scheduled to be sent to all Xbox consoles in February 2020
- Retests requested by Microsoft in February resulted in APD for two of the three retested functions slightly exceeding the limit but were compliant within tolerance allowed by the SRI
- Signatories have 12 months after the publication of the Annual Compliance Report or relevant compliance verification investigation report to rectify any non-compliance issues

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RECOMMENDATIONS

RECOMMENDATIONS BY INDEPENDENT INSPECTOR - 1



Product Compliance Report

- Still some concern about the level of consistency that this provides
 - The reference to a PCR from a previous reporting period for an existing or updated console may mean that non-working web addresses may be cited due to updates between reporting periods
- There is no explicit requirement for a basic ‘functionality check’ by the Independent Inspector to check that the content of the PCR is valid i.e. that the links work
 - This is felt to be a deficiency of the SRI annual reporting process



Compliance Investigation Review

- Review of the inclusion of a 10% allowance as stated in Annex 1 to ensure that it's inclusion is less ambiguous.
 - Clarity is needed on what measurements this 10% applies to and why it is deemed necessary

[Issues raised in the ACR recommendations have been considered by the Signatories and Independent Inspector since the ACR publication]

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