

# GAMES CONSOLES VOLUNTARY AGREEMENT

## INDEPENDENT INSPECTOR ANNUAL COMPLIANCE REPORT

### UK VA

Reporting Period -  
16<sup>th</sup> December to 31<sup>st</sup> December 2021

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(V1.0)



# STRUCTURE OF THE REPORT AND THIS PRESENTATION

This presentation is a summary of the information contained within the Independent Inspector Annual Compliance Report for the UK Market

It uses the same sections and headings

# 1. ANNUAL COMPLIANCE REPORT SUMMARY

The Summary covers the main sections of the report:

- The aims of the VA and the key requirements covered
- The Signatories for the reporting period 16<sup>th</sup>- 31<sup>st</sup> December 2021
- A Summary of the data collection process and any issues
- Compliance requirements
- Compliance verification investigation
- Details compliance confirmation

These areas will all be covered in subsequent slides

## 2. INTRODUCTION

The UK Voluntary Agreement (VA) establishes a voluntary agreement for improved energy and resource efficiency, and end of life treatment and recycling of games consoles

The UK VA details the scope, definitions and commitments, and other administration elements

A copy of the UK VA can be found at the 'efficientgaming' website

For the reporting period 16<sup>th</sup>- 31<sup>st</sup> December 2021 the UK VA version 1.0 applied

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

### 3. SIGNATORIES



The VA covers games consoles placed on the UK market by the Signatories

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

Microsoft  
Corporation

Nintendo Co., Ltd.

Sony Interactive  
Entertainment Inc.

- They represent 100% of the UK market
- They supplied nine games consoles that fall within the scope of the UK VA

## 4. 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 VA, from an individual Signatory fail to comply with the requirements in the VA

The Signatory completes a declaration within the PCR

A fourth commitment - to demonstrate that the VA covers more than 80% of the games consoles sold in the UK for the preceding reporting period – requires the Signatories to report directly to the UK Secretary of State

# ENERGY EFFICIENCY – POWER CAPS

*Apply to consoles consuming more than 20W in Active Gaming Mode*



Mode / Console Type	High Definition	Ultra-high Definition			8K Capable	
		Media Capable	Gaming Capable			
<b>Navigation</b> Tier 6 From Jan 2021	50W Measured at HD video resolution	50W Measured at HD and UHD video resolutions	65W Measured HD video resolutions	70W Measured at HD and UHD video resolutions	70W Measured at HD and UHD video resolutions	
<b>Media Play back and Streaming</b> Tier 6 From Jan 2021	60W Measured at HD video resolution	60W Measured at HD and UHD video resolutions	70W Measured with HD video resolution	110W Measured at UHD video resolutions	70W Measured with HD video resolutions	100W Measured at UHD video resolutions

# ENERGY EFFICIENCY – AUTO POWER DOWN



*Apply to consoles consuming more than 20W in Active Gaming Mode*

Navigation mode and Active Gaming: within 60 min

Media Playback (Disc and Streaming): within 4 hours

of starting any audio or video media playback

within 1 hour or less

after user inactivity after termination of video media content





# 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

*Apply to all consoles*

### 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 halogenated **flame retardants** >1000ppm

# NON-ENERGY COMMITMENTS - 2



*Apply to all consoles*

Support product life extension by providing users 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

*Apply to all consoles*

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 VA

By self-declaration using the PCR

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

Signatories are required to provide independent market data to prove this level of market coverage to the UK Secretary of State every two years.

## 5. 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 Signatory
- 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 a previously submitted PCR can be referenced
- The Signatories can cover the majority of VA 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.

## Nintendo

Two consoles that fall within scope for non-energy requirements for consoles using < 20W – new PCR

## Sony

Three 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

## 6. SIGNATORY COMPLIANCE



Signatory Requirement	Compliance
Ensure that <b>Product Compliance Reports</b> for all games consoles within the scope of the VA are <b>submitted</b> to the Independent Inspector <b>on time</b>	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 <b>no more than 10%</b> of products, within the scope of the VA, from an individual Signatory <b>fail to comply</b> with the requirements in the VA	All manufacturers submitting PCRs declared that all consoles comply





# COMPLIANCE SUMMARY

The three Signatory manufacturers and nine games consoles covered by, and complying with, the VA for the reporting period 2021 are as follows (consoles introduced in 2021 are in *italics*):

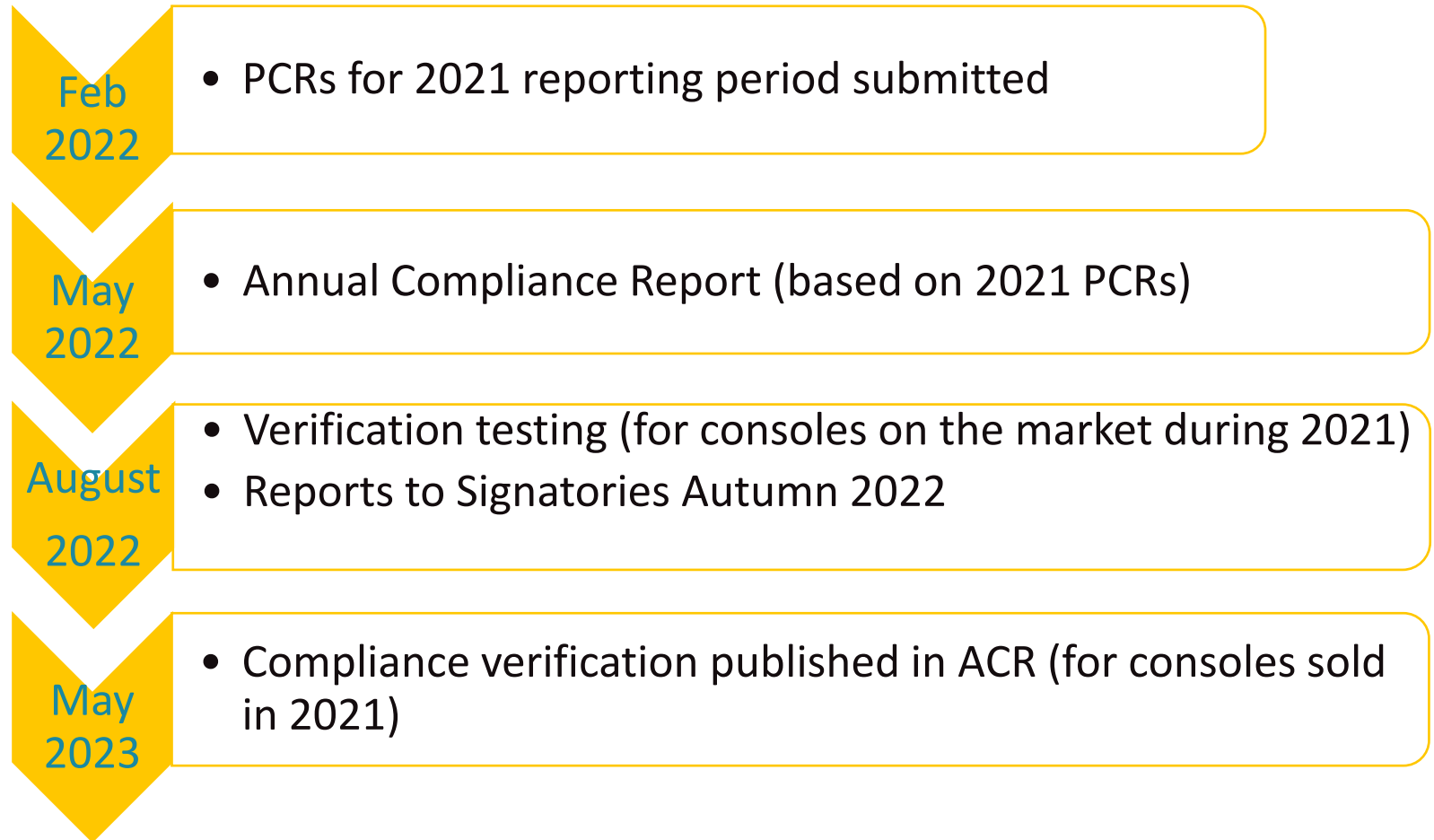
Manufacturer	Games Console	Type
Microsoft	Xbox Series X (1882)	8K Definition Capable
Microsoft	Xbox Series S (1883)	Ultra High Definition Media Capable
<i>Nintendo</i>	<i>Nintendo Switch (HAC-001(-01))</i>	<i>High Definition &lt;20W</i>
<i>Nintendo</i>	<i>Nintendo Switch - OLED Model (HEG-001)</i>	<i>High Definition &lt;20W</i>
Sony	PlayStation®4 (CUH-2216)	Ultra High Definition Media Capable
Sony	PlayStation®5 (CFI-1016A)	8K Definition Capable
Sony	PlayStation®5 Digital Edition (CFI-1016B)	8K Definition Capable
<i>Sony</i>	<i>PlayStation®5 (CFI-1116A)</i>	<i>8K Definition Capable</i>
<i>Sony</i>	<i>PlayStation®5 Digital Edition (CFI-1116B)</i>	<i>8K Definition Capable</i>

# 7. COMPLIANCE VERIFICATION INVESTIGATION



As the UK VA was only adopted toward the end of 2021, no prior compliance testing has been undertaken to be reporting in the ACR

This is the first reporting period and submissions for PCRs for the UK VA - models reported for this period were considered for compliance testing after the publication of the ACR in 2022



## 8. RECOMMENDATIONS



There were no recommendations in relation to the reporting process, data handling and product compliance review associated with the role of the Independent Inspector for the production of the Annual Compliance Report

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