

Second edition  
2015-11-01

AMENDMENT 1  
2019-06

---

---

**Information technology — Digitally  
recorded media for information  
interchange and storage — 120 mm  
Triple Layer (100,0 Gbytes single  
sided disk and 200,0 Gbytes double  
sided disk) and Quadruple Layer  
(128,0 Gbytes single sided disk) BD  
Recordable disk**

**AMENDMENT 1**

<https://standards.iteh.ai/catalog/standards/sist/c2c7eefb-1f10-4733-ac34-b88a3b24-72f0-4120-9049-12019>

*Technologies de l'information — Supports enregistrés  
numériquement pour échange et stockage d'information — 120 mm  
de couche triple (100,0 Go disque unique face et 200,0 Go disque  
double face) et quadruple couche (128,0 Go disque unique face) sur  
disque enregistrable BD*

AMENDEMENT 1



Reference number  
ISO/IEC 30191:2015/Amd.1:2019(E)

© ISO/IEC 2019

## iTeh STANDARD PREVIEW (standards.iteh.ai)

[ISO/IEC 30191:2015/Amd 1:2019](https://standards.iteh.ai/catalog/standards/sist/c2c7eefb-1f10-4733-ac34-b88a3b245524/iso-iec-30191-2015-amd-1-2019)

<https://standards.iteh.ai/catalog/standards/sist/c2c7eefb-1f10-4733-ac34-b88a3b245524/iso-iec-30191-2015-amd-1-2019>



### **COPYRIGHT PROTECTED DOCUMENT**

© ISO/IEC 2019

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office  
CP 401 • Ch. de Blandonnet 8  
CH-1214 Vernier, Geneva  
Phone: +41 22 749 01 11  
Fax: +41 22 749 09 47  
Email: [copyright@iso.org](mailto:copyright@iso.org)  
Website: [www.iso.org](http://www.iso.org)

Published in Switzerland

## Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)) or the IEC list of patent declarations received (see <http://patents.iec.ch>).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by Joint Technical Committee ISO/IEC JTC 1, Information Technology, Subcommittee SC 23, Digitally recorded media for information interchange and storage.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[ISO/IEC 30191:2015/Amd 1:2019](https://standards.iteh.ai/catalog/standards/sist/c2c7eefb-1f10-4733-ac34-b88a3b245524/iso-iec-30191-2015-amd-1-2019)

<https://standards.iteh.ai/catalog/standards/sist/c2c7eefb-1f10-4733-ac34-b88a3b245524/iso-iec-30191-2015-amd-1-2019>

# Information technology — Digitally recorded media for information interchange and storage — 120 mm Triple Layer (100,0 Gbytes single sided disk and 200,0 Gbytes double sided disk) and Quadruple Layer (128,0 Gbytes single sided disk) BD Recordable disk

## AMENDMENT 1

### 18.3.5

Replace the text with the following:

This Zone comprising 32 Physical Clusters starts at PAA 0 01 B9 00h and is Application-dependent. This Zone shall be left unrecorded unless otherwise specified by the Application.

### 18.4.6

**iTeh STANDARD PREVIEW**

Replace the text with the following: **(standards.iteh.ai)**

This Zone comprising 32 Physical Clusters starts at PAA 0 7E 46 80h and is Application-dependent. This Zone shall be left unrecorded unless otherwise specified by the Application.

ISO/IEC 30191:2015/Amd.1:2019  
<https://standards.iteh.ai/catalog/standards/sist/c2c7eeeb-1f10-4733-ac34-b88a3b245524/iso-iec-30191-2015-amd-1-2019>

### 18.5.7

Replace the text with the following:

This Zone comprising 32 Physical Clusters starts at PAA 0 81 77 68h is Application-dependent. This Zone shall be left unrecorded unless otherwise specified by the Application.

### 18.6.5

Replace the text with the following:

This Zone comprising 32 Physical Clusters starts at PAA 0 01 9D B8h and is Application-dependent. This Zone shall be left unrecorded unless otherwise specified by the Application.

### 18.7.5

Replace the text with the following:

This Zone comprising 32 Physical Clusters starts at PAA 0 7E 75 28h and is Application-dependent. This Zone shall be left unrecorded unless otherwise specified by the Application.

*18.8.4*

Replace the text with the following:

This Zone comprising of 32 Physical Clusters starts at PAA 0 81 76 58h and is Application-dependent. This Zone shall be left unrecorded unless otherwise specified by the Application.

*18.9.5*

Replace the text with the following:

This Zone comprising 32 Physical Clusters starts at PAA 0 FE 3A 80h and is Application-dependent. This Zone shall be left unrecorded unless otherwise specified by the Application.

*21.3 Figure 115*

Replace Figure 115 with the following:

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[ISO/IEC 30191:2015/Amd 1:2019](https://standards.iteh.ai/catalog/standards/sist/c2c7eefb-1f10-4733-ac34-b88a3b245524/iso-iec-30191-2015-amd-1-2019)  
<https://standards.iteh.ai/catalog/standards/sist/c2c7eefb-1f10-4733-ac34-b88a3b245524/iso-iec-30191-2015-amd-1-2019>

Area		Bits	Control type	Mandatory setting
		b <sub>31</sub> to b <sub>24</sub>	Reserved	0000 0000
INFO 2	Reserved 8	b <sub>23</sub>	write	-
		b <sub>22</sub>	read	-
	Reserved 7	b <sub>21</sub>	write	ONE
		b <sub>20</sub>	read	-
	Reserved 6	b <sub>19</sub>	write	-
		b <sub>18</sub>	read	-
Reserved 5	b <sub>17</sub>	write	-	
	b <sub>16</sub>	read	-	
INFO 1	Drive Area (part 4)	b <sub>15</sub>	write	ZERO
		b <sub>14</sub>	read	ZERO
	Drive Area (part 3)	b <sub>13</sub>	write	ZERO
		b <sub>12</sub>	read	ZERO
	Drive Area (part 2)	b <sub>11</sub>	write	ZERO
		b <sub>10</sub>	read	ZERO
Drive Area (part 1)	b <sub>9</sub>	write	ZERO	
	b <sub>8</sub>	read	ZERO	
TDMA Zones (not including the TDDS; see 22.6.2.1)		b <sub>7</sub>	write	-
		b <sub>6</sub>	Reserved unless otherwise specified by the Application.	
INFO 1,2,3,4	Control-Data Zones	b <sub>5</sub>	write	-
		b <sub>4</sub>	read	-
Data Zones	User-Data Area / Segments	b <sub>3</sub>	write	-
		b <sub>2</sub>	read	-
INFO 1&2	PAC Cluster	b <sub>1</sub>	write	-
		b <sub>0</sub>	read	-
“-“ : no mandatory setting specified, as well ZERO as ONE can be allowed depending on specific PAC				

Figure 115 — General bit assignments for Unknown-PAC Rules

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[ISO/IEC 30191:2015/Amd 1:2019](https://standards.iteh.ai/catalog/standards/sist/c2c7eefb-1f10-4733-ac34-b88a3b245524/iso-iec-30191-2015-amd-1-2019)

<https://standards.iteh.ai/catalog/standards/sist/c2c7eefb-1f10-4733-ac34-b88a3b245524/iso-iec-30191-2015-amd-1-2019>