BD Content Submittal Specification				
Europe	BD	EDS024	Issue 3	October 22

1. Image format: BDCMF/CMF

Capacity per layer: 25.025.000.000 bytes (25 GB)

Please clearly mark the type of BDCMF file set for the image submitted IE. **A, B or C**. High Definition optical discs are replicated from **BDCMF type C file sets**. If you send us a **BDCMF type A** image, this image must be submitted to AACS for certification and we will need the content owners AACS license number.

Although the AACS encryption takes place at our replication facility, it must be flagged in the BDCMF image at the authoring stage. AACS Encryption is a manual process and takes 2 working days (based on US calendar) inclusive of the content certificate signing.

2. Master Submission Methods:

LTO Tape
Please use Windows Backup Utility to copy the BDCMF file set to an LTO cassette. Make sure "Verify After Copy" is turned on in Windows Backup.

USB / Firewire Hard Drive
HDD should be properly secured to avoid damages during shipping making the content nonrecoverable. HDD must be formatted in Windows NTFS file system.
Accepted standards: USB 2.0/3.0/Firewire

BD-R
Disc should be provided in good physical condition. Without any mechanical damages, eg: scratches, dents, etc.

Notes relating to physical media submissions

- Please ensure that your physical Masters are properly labeled (see point 3) and addressed to Data Bureau.
- All physical media submissions must be sent with a completed BD Input Media Form (BD IMF).
- Please submit **only** one title per LTO Tape or per Hard Drive.

Electronic transfer - WAM!NET, Direct!Gateway, Aspera
This submission method requires an established WAM!NET/Direct!Gateway or Aspera connection and trading relationship with Conectiv. The package must be identified using the Conectiv GIL naming convention. If a mistake is made in naming the package transmitted by network when

compared to your purchase order or BOM details, the electronic package will not be processed. You will be requested to resend the package named correctly. You must output the image file set to a folder immediately in the root directory (Nested directories are not needed plus they add an unnecessary level of complexity to the processing of the image in Conectiv factories).

For each electronic package, you must send a "pre-alert e-mail" to:
*PIASDMSDataBureau@Conectiv.net

For more details about electronic services contact your assigned Conectiv Customer Service Representative.

For all BD titles information about Authoring House is required.

3. Labeling of Masters

You must use a unique reference number for each image submitted plus provide us with your contact information. The reference number may be up to 35 alpha numeric character spaces in length. All physical masters must be accompanied by a completed BD Input Media Form that must include the contact details for whoever produced the LTO cartridge, HDD or BD-R. This is important in the event of any queries so that we can resolve them quickly.

Example master label:

Reference number: G7-25702.2R1
Title: PTCHBLK Format: BS
AACS encrypted: Yes/No
Contact: A. Nother of ABC Studios
Tel: +44 1234 567890

In this example:

- The Customer reference number "G7-25702.2R1" will be used as the unique reference through manufacturing in conjunction with an internal number designated by Conectiv.
    - o It is critical that the customer reference number is an exact match to the Purchase Order we receive from you (G7-25702.2R1 in this example).
    - o If the reference numbers used for your image submission are not an exact match to those used in your order documents, Conectiv's business systems that perform a validation of the content to the Purchase Order will fail and we will not process your job.
    - o This system is in place to protect the Client and Conectiv from a product mix

- The Format type "BS" indicates that the master is BD25 format. "BD" is used for BD50.