



Guidance Notes

Section One:
Protecting the under 18s

Section One

Protecting the Under Eighteens Guidance

This guidance is non-binding. It is provided to assist broadcasters interpret and apply the Broadcasting Code. Research which is relevant to this section of the Code is indicated below.

Every complaint or case will be dealt with on a case by case basis according to the individual facts of the case.

We draw broadcasters' attention to the legislative background of the Broadcasting Code which explains that:

"Broadcasters are reminded of the legislative background that has informed the rules, of the principles that apply to each section, the meanings given by Ofcom and of the guidance issued by Ofcom, all of which may be relevant in interpreting and applying the Code. No rule should be read in isolation but within the context of the whole Code including the headings, cross references and other linking text."

Sections One and Two should be read together. The rules in Section Two: Harm and Offence, also act to protect the under eighteens.

Rules 1.1-1.7 Scheduling and content information

Concerns about children's viewing vary amongst parents and carers. Most, however, agree that children under 10 are the most vulnerable and so in need of protection. A key period, however, for parental concern about media consumption in general is when children are aged between 10 and 14. These general concerns should be taken into account when applying Rules 1.1 – 1.7 in this Section.

Viewers and listeners make a distinction between channels which appeal to a wide-ranging audience, including children, and those that attract a smaller, niche audience, unlikely to appeal to children. Although broadcasters of these niche channels still carry a responsibility towards a potential child audience, the majority of homes do not contain children and viewers and listeners have a right to expect a range of subject matter.

Broadcaster should note that Rule 1.3 reads across the entire section, for example it should be read in conjunction with Rule 1.6.

Rule 1.4 Watershed (including trails)

The 'watershed' is a well understood concept and audiences are concerned if they believe programme content is 'pushing the boundaries' of what is generally accepted close to the watershed. Audience research shows strong support and recognition for the watershed on all television channels. The watershed plays a crucial role for parents and carers with children aged 5 to 8 and trust in pre-watershed programming is essential, particularly leading up to 1930. It is also important that the content of pre watershed trails is appropriate for the time of broadcast.

Although the watershed is a useful tool for regulating viewing amongst older children, it is one of many factors taken into account when regulating their viewing.

Some programmes scheduled to start before the watershed and finishing after 2100 may be of special appeal to children, especially during school holidays. Depending on the channel and audience it attracts, viewers can be concerned at strong, adult material immediately after the watershed when a significant number of children could still be watching television.

Rule 1.7 Information

Even with appropriate scheduling, some additional information about pre-watershed and post - watershed programmes may be necessary. Where appropriate, viewers appreciate information about content that may be problematic for certain ages – particularly if a programme appeals to a wide-ranging audience.

Rule 1.7 Information, the watershed and news

It is accepted that it is in the public interest that, in certain circumstances, news programmes may show material which is stronger than may be expected pre-watershed in other programmes as long as clear information is given in advance so that adults may regulate the viewing of children.

Research: The Broadcasting Standards Regulation (2003) BSC, ITC; Striking a balance: the control of children's media consumption (2002) BBCBSC, ITC; Media consumption (2002) BBC, BSC, ITC; The Watershed: providing a safe viewing zone (2003) BBC, BSC, ITC; Viewers and Family Viewing Policy (2001) BBC, ITC, BSC

Rule 1.8 and 1.9 The coverage of sexual and other offences in the UK involving the under-eighteens.

This is a complex area and programme makers may wish to take legal advice.

There are certain statutory provisions in force which already prohibit direct identification of those who are not yet adult¹. However the statutory provisions dealing with indirect identification (the "jigsaw effect") have not been brought into force (these are contained in sections 44, 45 and 48 of the Youth Justice and

¹ The phrase "those who are not yet adult" is used in recognition that the legal definition of an adult varies within the different nations of the UK.

Criminal Evidence Act 1999). These could be enacted if regulatory bodies, such as Ofcom and the PCC, do not include like provisions in their own rules and codes of practice. Rule 1.8 therefore requires broadcasters to ensure they take particular care with respect to the jigsaw effect in the reporting of sexual offences.

The 'jigsaw' effect occurs when several reports in different media give different details of a case which, when pieced together, reveal the identity of the child involved.

We understand that it is impossible for broadcasters to eliminate all possibility of the jigsaw effect, given the sheer quantity and degree of media available, nevertheless broadcasters "should be particularly careful" (Rule 1.8) in this area.

Rule 1.9 is carried across from paragraph 2.11 of the ITC Code and was included in the legacy code following dialogue between the ITC, Government and broadcasters after objections were raised by the media in relation to the proposal to bring into force Sections 44, 45 and 48 of the Youth Justice and Criminal Evidence Act 1999. In the event, agreement was reached with the Department of Culture Media and Sport that these restrictions would only be brought into effect if equivalent provisions to be included in the rules made by the Press Complaints Commission and the broadcasting regulators proved ineffective. The wording and its adoption of this rule in the ITC Code resulted from the discussions that took place between these parties and on the understanding that it was to be a pan-media initiative.

Rule 1.10 Drugs, smoking, solvents and alcohol abuse

The issues and concerns surrounding smoking, the misuse of alcohol, drugs (both legal and illegal) and solvent abuse are varied and complex. They are all a feature of modern British society and clearly a legitimate component or theme for programming. The prevalence of use amongst this age group is given in annual reports from the *National Centre for Social Research* and *National Foundation for Educational Research*. The current figures highlight the vulnerable groups and the areas where broadcasters should exercise the most care.

Programme makers should always consider the impact that the representation of the use of illegal drugs, the abuse of drugs, smoking, solvent abuse and the misuse of alcohol, may have on younger viewers and listeners. Any such inclusion pre-watershed or at times when children are particularly likely to be listening must therefore be editorially justified. Ofcom does not expect it to be a frequent occurrence that a broadcaster would wish to include material that condones, encourages or glamorises the use of or (where relevant) abuse of these substances. However where that occurs e.g. in a movie that pre-dates the understanding that smoking was linked to cancer and other health effects, then the editorial justification for such material must be carefully thought through. In this example the historical context and the integrity of the film, could be the editorial justification.

Research: Knowing the score (2000) BSC, BBFC; Smoking, alcohol and drugs on television (2005) Ofcom

Rule 1.11 to 1.13 Violence and dangerous behaviour

Violence exists in life and, as such, will be portrayed and reported on by television and radio programmes. Many citizen-consumers are very concerned about the potential impact of violence within broadcast material upon society and, in particular, children and young people. Violence covers a wide range of behaviour and different situations and children's reactions vary, depending on their age group and individual sensitivities. Audience research is inconclusive about the direct influence of violence on behaviour, but does highlight how children interpret violence and what reduces its impact and what causes distress.

Research shows that children may emulate what they see on television. This is mediated to a certain extent by factors such as a child's ability to distinguish between degrees of fantasy and reality and the identification with the character. Children have different stages of development and broadcasters should bear this in mind. Areas of concern include:

- the use of accessible domestic implements, such as knives, or other offensive weapons, articles or substances portrayed in a dangerous or harmful manner
- any portrayal of household items, such as micro-waves and tumble-dryers, which can cause harm if misused,
- certain locations, such as railway lines;
- certain material which may lead children to fail to recognise potentially dangerous play especially if there is no serious outcome; and
- hanging or the preparations for hanging, if easily imitable, particularly if shown before the watershed, unless the setting gives strong grounds for believing that imitation is unlikely.

Research: How children interpret screen violence (2003) BBC, BBFC, BSC, ITC; The Broadcasting Standards Regulation (2003) BSC, ITC; The Watershed: providing a safe viewing zone (2003) BBC, BSC, ITC; Viewers and Family Viewing Policy (2001) BBC, ITC, BSC; Emulation, fears and understanding (1998) ITC; Cartoon Crazy?: children's perceptions of 'Action' Cartoons (1998) ITC

Rule 1.14 to 1.16 Offensive language

It should be noted that audience expectations and composition vary between television and radio and each medium has different listening/viewing patterns. Broadcasters should know their audiences.

Offensive language is a feature of British life and, in certain contexts, it has an appropriate place in broadcasting. However it raises concerns about harm to children and offence in general. There is a concern that children may imitate offensive language or be upset to hear this language, when their parents or carers have told them it is wrong, before they have worked out their own attitude to its use.

Milder language in the early part of the evening may be acceptable, for example, if mitigated by a humorous context. However, in general, viewers and listeners do not wish to hear frequent or regular use of such language, including profanity, before 2100.

Abusive language relating to age, disability, gender, race, religion, beliefs and sexual orientation can be deeply offensive. Adverse reaction to the use of this language has increased over the past years. The level of offence can change as language acquires new meanings, for instance when mainstream culture adopts language from a minority group.

Children enjoy a wide variety of music. However, where lyrics in songs might cause offence, broadcasters will wish to consider the context which may increase or mitigate the offence, and the possible use of track remixes and edits.

Rolling live news channels face different challenges, in terms of compliance, to other broadcasters. These channels provide services which, as a matter of public interest, should be able to report accurately the news as it happens.

Because of the immediacy of news and the necessity to go to events live, at times, the broadcaster has less control of its editorial output. This is understood by the audience to these services which is both overwhelmingly adult and 'self-selecting'. There is therefore always a possibility that material transmitted on these channels may be unsuitable for children (see also the guidance to Rule 1.7 Information, the watershed and news).

While news channels should always aim to minimise the use of offensive language pre-watershed, there are exceptional occasions when, because of their nature, such language is broadcast. Under such circumstances, Ofcom will consider:

- The editorial justification for the coverage
- Whether it was live or pre-recorded
- Whether it was at a time when any children are likely to be in the audience
- The context in which the language was used
- Whether there was an apology made - this may help mitigate offence /distress

Research: Bad language: What are the limits? (1998) BSC; Viewers and Family Viewing Policy (2001) BBC, ITC, BSC; Delete expletives?(2000) ASA, BBC, BSC, ITC; Swearing & Sexual imagery in broadcasting (2005) Ofcom; The Broadcasting Standards Regulation (2003) BSC, ITC; The Watershed: providing a safe viewing zone (2003) BBC, BSC, ITC; Listening (2000) RA

Rule 1.17 Sex

Research: The Broadcasting Standards Regulation (2003) BSC, ITC; Soap box or soft soap?(2002) BSC; Young people, Media and Personal relationships (2003) ASA, BBFC, BBC, BSC, ITC; Swearing & Sexual imagery in broadcasting (2005) Ofcom

Rule 1.18 Nudity

Research: The Broadcasting Standards Regulation (2003) BSC, ITC; The Watershed: providing a safe viewing zone (2003) BBC, BSC, ITC; Sex and Sensibility (1999) BSC

Rule 1.19 Exorcism, the occult and the paranormal

This area is complex because what may be an acceptable paranormal practice to one person could be thought of as occult and negative by another. Every case will be dealt with on a case by case basis.

Taking into account the findings of the ITC/BSC 2001 research *Beyond Entertainment?* (see in particular charts 1-4) we interpret the meanings as follows:

Exorcisms

Exorcism is the expulsion or banishing of unwanted forces or entities from a person place or thing. The expulsion may take place by ritual prayer, incantations, conjuration, spells, symbolism, commanding or persuasion. The force or entity may include Satan, one or more other demons, evil spirits or ghosts. It may be done in the name of religion or not.

Occult

The occult is secret knowledge or activity, usually of a religious/spiritual/mythical nature. It involves invoking unknown powers and/or forces. It risks a negative outcome and is generally perceived as having a potential for harm (see also Spells).

Spells

Spells are generally considered to be occult practice (*Beyond Entertainment?*). Where they appear to be aimed at interfering with another's human rights they will be considered occult although it is possible for practitioners to offer 'good luck charms' which are not therefore occult in nature. 'Good luck charms' may therefore for the purposes of this section be considered as the paranormal.

Tarot

As can be seen from *Beyond Entertainment?* attitudes towards this practice vary; some see it as benign, while a significant number of people see it as an occult practice. Ofcom believes that the number of people who regard Tarot as occult is so significant that it will treat the use of these cards as such. However, other divination by cards generally, would be accepted as a paranormal practice

Paranormal

The paranormal is phenomena, unexplained by, amongst other things, scientific means. It includes clairvoyance clairaudience and extra sensory perception. It is intended to lead to positive outcomes. It includes mediumship.

Divination

A method to foretell the future or to gain insight into the present or past, using magical, religious or supernatural means. It can be occultic but is generally defined as an aspect of the paranormal. There are many forms including: astrology, dice, cards, crystal balls, tarot (see above) tea leaves, the pendulum, runes, and scrying.

Astrology

Astrology can be a discrete practice that is not predicated on any religious or paranormal belief-system. In its simplest form – a daily horoscope - it is suitable for broadcast at any time of the day and it will not be deemed for the purpose of this section as paranormal. When it involves a paranormal belief system then it falls under paranormal practices and those scheduling restrictions set out in Rule 1.19. It is also for many a religious practice. If it is examined or demonstrated within a religious programme then the rules in Section Four: Religion apply.

Research: Beyond entertainment (2001) ITC, BSC

Rule 1.20 Films

The legacy code for television (The ITC Programme Code) regulated the scheduling of films by strict reference to their British Board of Film Classification (“BBFC”) rating.

In terms of channels, which are not premium subscription film services, the Ofcom Broadcasting Code has in the main dispensed with these rules relating scheduling to ratings. Films, in the main, are like other content provided by broadcasters and as such they must be scheduled appropriately.

We think that in most cases recent BBFC classifications will offer a fairly clear indication of a film’s suitability for broadcast at a particular time. This gives broadcasters greater flexibility to schedule for their particular audience while the general requirements on scheduling should prevent inappropriate content from being broadcast at a problematic time.

It should be noted, for example, that under the “meaning of the watershed” it states that “material unsuitable for children should not, in general, be shown before 2100 or after 0530”. The “meaning of children” is “people under the age of fifteen. It is therefore unlikely that a recently BBFC 15-rated film could be scheduled during the day.

In relation to film and video/DVD material previously subject to cuts by the BBFC broadcasters may:

- ensure that any previously cut material which is present in the version to be transmitted was cut 'for category' only (ie to obtain a lower certificate than the uncut version would have received). This information is available on the BBFC

website record for any work classified since 1 January 2000 BBFC staff can advise on earlier titles; or

- ask the BBFC to reconsider an historic decision regarding cut or rejected material only in the light of current standards. The BBFC can issue paperwork confirming that the previously cut or rejected material either would or would not be likely to be subject to compulsory cuts or rejected according to the standards operating today. In most cases the BBFC would be able to reach such a decision free of charge on the evidence of the file alone. However, in a few cases they would need to view the work again in order to reach a decision and in those cases they would charge a small fee to cover costs. The charging may be subject to review.

Rule 1.22 to 1.24 Premium subscription film services and pay per view

We consider that those viewers that subscribe to premium subscription film services have accepted a greater share of responsibility for what is broadcast into the home (and therefore have particular responsibility to oversee children's access to material in this area).

Services broadcasting material subject to the above rules (1.22-1.24) must provide security mechanisms, providing protection at least as effective as a *mandatory* PIN, as the default, rather than require PIN setting by the viewer. A mandatory PIN requires a viewer to input a PIN before accessing the material, irrespective of whether the viewer has set up any domestic security mechanisms, i.e. it is set by the broadcaster/platform provider.

Research: Film versus Drama: relative acceptability of the two genres on television (1998) ITC; The Broadcasting Standards Regulation (2003) BSC, ITC; Viewers and Family Viewing Policy (2001) BBC, ITC, BSC

Rule 1.24 'adult sex material' on premium subscription film services and pay per view

In judging what material is adult sex material and therefore is subject to this rule broadcasters should be guided by the definitions used by the BBFC when referring to 18-rated films and "sex-works at 18". The BBFC states that films may fall out of the 18-rated category because the material contains "the more explicit images of sexual activity – unless they can be exceptionally justified by context and the work is not a 'sex work' as defined....". The BBFC also then defines a sex-work as "works...whose primary purpose is sexual arousal or stimulation". The Broadcasting Code makes a similar differentiation. The context of material that contains 'sexual scenes' in a BBFC 18-rated film is qualitatively different from the context of material that contains 'sexual scenes' in "adult-sex material".

Rule 1.26 to 1.27 The involvement of people under eighteen in programmes

If anyone aged under eighteen appears in, or participates in any respect in a programme, the broadcaster must ensure that it complies with Rules 1.26 and 1.27. Broadcasters should take due care to protect the interests of any participants aged under eighteen. This applies whether the material is originally produced or is acquired from another source. Consideration of the child's welfare should be at the heart of the production.

Introduction

This guidance is based on research carried out by Ofcom and input from stakeholders. It contains recommendations to help broadcasters achieve the appropriate level of protection for under eighteens in programmes and should therefore assist broadcasters when seeking to ensure a programme's compliance with Rules 1.26 and 1.27. As always, however, responsibility for ensuring compliance rests with the broadcaster who will need to decide what measures are appropriate in the particular circumstances of individual programmes, genres and formats². The rules apply to all broadcasters, whether television or radio. The primary focus of this guidance however is the participation, in any respect, of under eighteens in television programmes, given their more widespread participation in television as compared to radio. Many of these recommendations may also be considered in radio programming.

Our research³ has demonstrated that both adults and children value and enjoy under eighteens being represented in programming. Children form strong views and feelings from a very early age and these deserve to be seen and heard in programmes. However, the ability of participants to weigh up the potential long-term consequences of participation can vary widely depending on age, maturity and individual circumstances.

Central to Rule 1.26 is the concept of "due care". Here "due" is used in the same way as in other areas of the Code. It indicates that the level of care must be "appropriate to the particular circumstances". It is for the broadcaster to judge what is appropriate⁴ in each case to ensure compliance with the Code. Whether these recommendations, or alternative measures, are the most appropriate, will vary according to the particular programme format and level of participation involved. Other relevant factors include the participant's age, maturity and capacity to make judgements about participation and its likely consequences.

² As broadcasters are aware, there are additional considerations and requirements to be taken into account in the professional involvement of under eighteens in programmes, for instance as actors.

³ *Children in Programmes: An independent research report for Ofcom by Sherbert Research (2007): http://www.ofcom.org.uk/research/tv/reports/children_in_programmes/. Also see past research conducted by the BSC: *Consenting children: the use of children in non-fiction television programmes (2001)*; *Consenting adults (2000)*.*

⁴ Broadcasters are reminded of their legal obligations in this area and the need to comply with other requirements that may apply for the protection of under eighteens. For example, a CRB (Criminal Records Bureau) or equivalent disclosure may be necessary, and additional data protection considerations may apply when working with under eighteens.

In Rule 1.26, the phrase “physical and emotional welfare and the dignity of people under eighteen” indicates the broad potential impact that participating in a programme might have on this age group. Expert opinion indicates that vulnerability could vary significantly, depending on factors such as age, maturity, and personal circumstances.

Rule 1.27 states that under eighteens “must not be caused unnecessary distress or anxiety by their involvement in programmes or by the broadcast of those programmes”. We recognise that some genres and formats focus on conflict and crisis. These can often feature experiences that have caused, or may cause, distress and anxiety. Broadcasters need to make very careful decisions when involving under eighteens in such programmes.

Our research indicates that the level of care taken by broadcasters to protect under eighteens is not always evident to the audience. In some cases, referring in the programme to the safeguards put in place could, if appropriate, help to reassure the audience that the requirements of Rules 1.26 and 1.27 have been adhered to and that the participant’s welfare and well-being were one of the broadcaster’s central considerations.

Pre-production

- It is important that production staff have an easily accessible source of clear information on the broadcaster’s key considerations when working with under eighteens. Depending on the programme genre and the level of participation involved, Ofcom recommends the development of documented guidelines for working with under eighteens, and that production staff are made fully aware of these.
- We recommend that broadcasters ensure that appropriate background checks are made on an under eighteen’s social, family, health and educational circumstances. These checks will vary depending on the programme genre. Where appropriate, a thorough risk assessment may help to ensure that the requirements of Rules 1.26 and 1.27 are met.
- In some cases, it may be helpful for programme makers to keep a documented trail of relevant checks, correspondence and any concerns raised throughout the process.
- While we recognise that no-one can predict every impact, we suggest that broadcasters consult appropriately qualified experts on the likely impact of participation where they reasonably can, especially in extreme or unusual cases.

Informed consent and assent

Participants aged under sixteen

- For those participants aged under sixteen (“under sixteens”), the Code⁵ requires that broadcasters should normally obtain consent from a parent, guardian or other person over eighteen or in loco parentis. However, Ofcom reminds broadcasters that their obligations under Rules 1.26 and 1.27 apply irrespective of such consent.
- On the basis of expert advice, Ofcom understands that from an early age, children are capable of indicating their willingness (“assent”) to participate or be involved in a programme. The appropriate delivery of information to under sixteens about the nature and likely consequences of participation (to allow for “informed assent”) will vary according to their age, maturity and capacity to understand.

⁵ In addition to Rules 1.26 and 1.27, see also Practice 7.4.

- In the case of those unable to give informed assent, such as toddlers and babies, extra considerations, including the need for appropriate expert advice, may be necessary.
- An adult is often seen by a child, especially a young child, as an authority figure. As such, the child may find it difficult to contradict a programme maker's suggestion to participate. It is therefore important that programme makers make it clear to the child that it is acceptable to agree or disagree when asked to participate.
- Children are unlikely to understand fully the process by which content is recorded, edited and broadcast, or how their participation relates to this, so a simple child-friendly explanation is recommended. It is important the child does not feel pressured and is given adequate time to process the information provided. It might be helpful, particularly for young children, to ask the child to say what they think their participation will involve.
- Expert advice suggests that young children cannot always put anxiety or uncertainty into words, especially with an unknown adult. Non-verbal indications may reflect a child's reservations about participating.
- Where appropriate, it is recommended that under sixteens are given meaningful, child-friendly information on any likely positive and negative consequences of participation. Depending on age and maturity, it may be difficult for children to imagine long-term outcomes. It may help if this information is provided in terms appropriate to the child's age, maturity and circumstances. If a programme has previously involved other children, information written by earlier participants on the pros and cons could be useful. We accept that programme makers may not be able to predict every outcome, but the delivery of clear information on likely outcomes is a core element of "due care".
- Ofcom suggests that, where appropriate, programme makers ensure that checks are made regularly during production that a child remains willing to participate.

Participants aged under eighteen

- We recognise that those over sixteen are able to give their own consent to participate. However broadcasters might find it helpful to consider the extent to which the above recommendations may apply when seeking the informed consent of older teenagers.

Parents/Guardians

- Ofcom reminds broadcasters that their obligations under Rules 1.26 and 1.27 apply irrespective of consent given by parents, guardians or anyone in loco parentis. We do not seek to lessen the importance of the views of parents or guardians on children's participation. However, many parents and guardians will not be familiar with the production process or have a full understanding of the implications of their child's participation. Programme makers are advised to highlight both the positive and negative⁶ likely outcomes with parents or guardians. In particularly sensitive situations, we recommend that a documented note of this is kept.
- Once fully informed, most parents or guardians are likely to be better able to help their child understand what participation means. Giving them adequate time to consider the consequences of their child's participation is advisable.
- Broadcasters are advised to form their own judgements on whether an under sixteen's participation is appropriate and not to rely solely on the assurances of parents or guardians, particularly where vested interests may be involved.

⁶ For instance, our research highlighted that some parents would not necessarily consider potential negative consequences, such as bullying at school.

Production

- Whilst Ofcom appreciates that production can be an intense and stressful period, it is important that all production staff are made fully aware that the physical and emotional welfare and well-being of under eighteens is a central concern throughout the process.
- Depending on the programme genre, it may be beneficial to seek advice from an appropriately qualified professional, such as a child counsellor or psychologist, who does not have a vested interest in the child's participation.
- Where practicable, it is sensible to provide a single, consistent point of contact with whom the participant is able to liaise throughout the production. We recommend that an appropriate person is given responsibility to oversee the participant's welfare throughout. It may also be helpful for parents or guardians to have access to this contact.
- We suggest that broadcasters consider that in some circumstances, under eighteens may benefit from the presence of a familiar person with whom they have a positive attachment, such as a parent, sibling, friend or teacher.
- Careful consideration of the programme format and its likely impact on the participant is recommended. For instance, springing high-impact surprises on under eighteens in 'live' or 'as live' programmes where conflict or highly emotional situations may be involved could cause harm and/or distress. Likewise, in genres which involve young children in competition with others, performance anxieties and pressure to succeed may be issues.

Post-production

- Depending on the nature of the programme and the level of participation involved, it may be beneficial if production staff (preferably the participant's main point of contact during production), keep in touch with the participant in the short-term and monitor any specific after-effects that might result. In some circumstances, it may be helpful for production staff to provide access to sources of professional help or support.
- Ofcom recognises that inviting participants to view the final cut of a programme pre-transmission is and should remain at the discretion of the broadcaster. In some circumstances, under eighteens may benefit from being given appropriate information before transmission about how their contribution has evolved during post-production.