**EC4130-5** One Hour Program Format

5 Act - 4 Break

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 This clock used by the following networks: 

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Description**(SMPTE drop frame time code is mandatory)  | **Timecode In** hh;mm;ss;ff**(NTSC)** | **Timecode In** hh:mm:ss:ff**(PAL)** | **Duration**Mm;ss;ff | **Timecode Out**Hh;mm;ss;ff**(NTSC)** | **Timecode Out**Hh:mm:ss:ff**(PAL)** |
| **Bars & Tone** |  | **00;58;30;00** | **09:58:30:00** | **01:00:00** | **00;59;30;00** | **09:59:30:00** |
| **Black** | **Black** | **00;59;30;00** | **09:59:30:00** | **00:05:00** | **00;59;35;00** | **09:59:35:00** |
| **Slate** | **:15 slate** | **00;59;35;00** | **09:59:35:00** | **00:15:00** | **00;59;50;00** | **09:59:50:00** |
| **Countdown** | **Countdown from :10 to :03****(with audible tone at each 1 second interval)** | **00;59;50;00** | **09:59:50:00** | **00:07:00** | **00;59;57;00** | **09:59:57:00** |
| **Black** | **Black** | **00;59;57;00** | **09:59:57:00** | **00:00:06** | **00;59;57;06** | **09:59:57:06** |
| **White**  | **Sync Indicator****(two frames of white video and** **1 khz tone)** | **00;59;57;06** | **09:59:57:06** | **00:00:02** | **00;59;57;08** | **09:59:57:08** |
| **Black** | **Black** | **00;59;57;08** | **09:59:57:08** | **00:02:20 (NTSC)****00:02:15 (PAL)** | **01;00;00;00** | **10:00:00:00** |
| Content**Act #1** | Program Intro/Tease | **01;00;00;00** | **10:00:00:00** |  |  |  |
| (Act #1 length between 11:00 – 12:00) |  |  |  |  |  |
| BREAK #1 | Black |  |  | 00:05:00 |  |  |
| Content**Act #2** | Act #2 (Act length between  08:00 – 09:00) |  |  |  |  |  |
| BREAK #2 | Black |  |  | 00:05:00 |  |  |
| Content**Act #3** | Act #3(Act length between  07:00 – 08:00) |  |  |  |  |  |
| BREAK #3 | Black |  |  | 00:05:00 |  |  |
| Content**Act #4** | Act #4(Act length between  07:00 – 08:00) |  |  |  |  |  |
| BREAK #4 | Black |  |  | 00:05:00 |  |  |
| Content**Act #5** | Act #5 (Act length between 05:00 – 06:00) |  |  |  | **01;41;50;00** | 10:41:50:00 |
| Credits | \*See Special Note (on page 2) | **01;41;30;00** | **10:41:30:00** | 00:20:00 | 01;41;50;00 | 10:41:50:00 |

Continued on next page

**EC4130-5** One Hour Program Format

5 Act - 4 Break

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**PROGRAM FORMAT SPECIFICATIONS:**

* First program video and/or audio must hit at timecode 01;00;00;00 (NTSC) / 10:00:00:00 (PAL).
* Total Content Time including embedded credits (cannot exceed) **41:30**

(Content Time Includes: disclaimers, program tease/open, graphic titles, Acts 1-5, bumps in/out,

embedded credits and any other elements, (promotional, adsales, etc.) attached to the program.)

* Breaks (:05 x 4 breaks) **00:20**
* TOTAL RUNNING TIME (TRT) **41:50**

**\*Special Note** - CREDITS must be embedded over the video at the end of the last segment, preferably the last :20 seconds. Embedded credits can start earlier if there is a need to have the final seconds of video clean at the end of the program. The credits MUST be :20 seconds long. Credits are limited to 50 names including 4 reserved for internal DCI usage. **Credits must “page” on and off. See your DCI Production Team for details.**

**Editing Guidelines:**

* **Segment 1** begins at 01;00;00;00 (NTSC)/10:00:00:00 (PAL).

**Segment 5** ends at 01;41;50;00 (NTSC)/10:41:50:00 (PAL).

Credits must be embedded over content and cannot run beyond 01;41;50;00 (NTSC),

10:41:50:00 (PAL).

* Segments do not have to begin and end at :00 frames, ***except*** the beginning of segment 1 and the end of segment 5
* Act lengths should be within 1:00 of range listed below:
* Act 1: 11-12 mins
* Act 2: 8-9 mins
* Act 3: 7-8 mins
* Act 4: 7-8 mins\*
* Act 5: 5-6 mins
* **See your DCL Production Team for details if there are any questions regarding segment length, bumps/teases, embedded credits, etc.**

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5 Act - 4 Break

**1080p 23.98**

**\*Special Note** – The information on this page applies to programs delivering to Discovery in 1080p 23.98. After Discovery converts the program to 1080i 59.94 with 29.97 drop frame time code the program will match the EC4130-5 clock**.**

**PROGRAM FORMAT SPECIFICATIONS:**

* First program video and/or audio must hit at timecode 01:00:00:00.
* Total Content Time including embedded credits (cannot exceed) **41:27:10**

(Content Time Includes: disclaimers, program tease/open, graphic titles, Acts 1-5, bumps in/out,

embedded credits and any other elements, (promotional, ad sales, etc.) attached to the program.)

* Breaks (:05 x 4 breaks) **00:20:00**
* TOTAL RUNNING TIME (TRT) **41:47:10**

**\*Special Note** - CREDITS must be embedded over the video at the end of the last segment, preferably the last :20 seconds. Embedded credits can start earlier if there is a need to have the final seconds of video clean at the end of the program. The credits MUST be :20 seconds long. Credits are limited to 50 names including 4 reserved for internal DCI usage. **Credits must “page” on and off. See your DCI Production Team for details.**

**Editing Guidelines:**

* **Segment 1** begins at 01:00:00:00
* **Segment 5** ends at 01:41:47:10.

Credits must be embedded over content and cannot run beyond 01:41:47:10.

* Segments do not have to begin and end at :00 frames, ***except*** the beginning of segment 1 and the end of segment 5.
* **See your DCL Production Team for details if there are any questions regarding segment length, bumps/teases, embedded credits, etc.**
* **Please refer to your Program Materials exhibit for information regarding Additional Program Content (“Snap-in segments").**