PREPARED FOR CLIENT NAME REMOVED · DELIVERY TO NETA FILE SUBMISSION REQUIREMENTS (2025)

Half-hour nature series

Sample report — every value is from a real 2026 delivery; the programme, company and file names and the quoted caption text are removed

CLIENT	SPECIFICATION	DATE
Client name removed	NETA File Submission Requirements (2025)	19 September 2026

MASTER
programme.mxf · 10.1 GB · MD5 shown in full in real reports

CAPTIONS
programme.scc · 91 KB · MD5 shown in full in real reports

QUICK CHECK — NETA 2025 FILE REQUIREMENTS

30 of 30 items verified · 0 outstanding

Not a full clearance — not run in this check: every-frame levels scan (a 10-second sample was checked); image artefact scan; photosensitivity screening; review on the picture and by ear.

How to read this report. Each row sets the value measured in the file against the value required.

Pass — meets the requirement.
FYI — for information; no effect on compliance.
Grade 1 — minor, against a captioning convention; fixing is advised, not required.
Grade 2 · Warning — borderline, or outside an engineering guideline (such as the PBS TOS) rather than a published requirement; fixing is recommended.
Grade 3 · Fail — does not meet the distributor's published requirement; must be fixed before delivery.

Grades follow the 1–3 scale common in broadcast QC reports.

Video

REQUIREMENT	EXPECTED	MEASURED	STATUS
Codec	MPEG-2	MPEG-2	✓ Pass
Resolution	1920 × 1080	1920 × 1080	✓ Pass

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REQUIREMENT	EXPECTED	MEASURED	STATUS
Field order	Upper field first (TFF)	Upper field first (TFF)	✓ Pass
Frame rate	29.97 fps	29.97 fps	✓ Pass
Bit rate	50 Mb/s	50 Mb/s	✓ Pass
Chroma subsampling	4:2:2 (NETA 2025)	4:2:2	✓ Pass
GOP structure	Long GOP (NETA 2025)	Long GOP, I-frame every 15 frames, in the first 60 frames	✓ Pass

Audio

REQUIREMENT	EXPECTED	MEASURED	STATUS
Audio tracks	2	2	✓ Pass
Codec	PCM, 24-bit	PCM, 24-bit	✓ Pass
Sample rate	48 kHz	48 kHz	✓ Pass
Bit rate per channel	1,152 kb/s	1,152 kb/s	✓ Pass

Channel layout — 45 s window from 513 s

REQUIREMENT	EXPECTED	MEASURED	STATUS
Channels 1 and 2 carry programme	Yes	Yes	✓ Pass

```
channel  peak dBFS   RMS dBFS   non-zero samples
1        -12.44     -27.05   2159376
2        -12.37     -26.84   2159378
NETA 2025, stereo without DVI or SAP: 1 = L, 2 = R
```

Wrapper and timecode

REQUIREMENT	EXPECTED	MEASURED	STATUS
Operational pattern	OP1a	OP1a	✓ Pass

SAMPLE

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REQUIREMENT	EXPECTED	MEASURED	STATUS
Start timecode	01:00:00;00 or 00:00:00;00 (NETA 2025)	01:00:00;00	✓ Pass
Drop-frame flag	Yes	Yes	✓ Pass
Running time	No longer than 28:00 (distributor)	25:39;23	✓ Pass

First and last frame — NETA 2025

REQUIREMENT	EXPECTED	MEASURED	STATUS
First frame	Black (0 IRE)	Average 0.0 IRE; brightest 1% at 0.0 IRE	✓ Pass
Last frame	Black (0 IRE)	Average 0.0 IRE; brightest 1% at 0.0 IRE	✓ Pass

Video levels — sample, one frame every 10 s (0–100 IRE = Y 16–235)

REQUIREMENT	EXPECTED	MEASURED	STATUS
Frames over 1% out of range (sample)	0 — levels within 0–100 IRE (NETA 2025)	0 of 151 sampled frames over 1% (worst 0.20% at 01:00:00;02)	✓ Pass

A sample of one keyframe every 10 seconds; the full report scans every frame.

Closed captions — embedded (SMPTE 436M ANC)

REQUIREMENT	EXPECTED	MEASURED	STATUS
Embedded caption track (ANC)	None: captions travel in the .scc sidecar	None	✓ Pass

Sidecar delivery: the .scc must carry exactly the same file name as the video and the same start timecode (NETA 2025).

SAMPLE

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Closed captions — sidecar .scc

REQUIREMENT	EXPECTED	MEASURED	STATUS
File name matches the video	programme.scc (NETA 2025)	programme.scc	✓ Pass
Lines over 32 characters	0 — the CEA-608 grid is 32 columns	conformant	✓ Pass
Lines on screen	1–3 lines, 2 preferred (NETA 2025)	1 or 2 lines throughout	✓ Pass
Bytes with wrong parity	0 — CEA-608 requires odd parity	conformant	✓ Pass
Captions outside the programme	0 — all inside the programme; .scc timecode matches the video (NETA 2025)	conformant	✓ Pass

```
608 byte pairs read: 16036   captions decoded: 647
first at 01:00:00;13   last at 01:25:31;14
```

Loudness, peaks and dialogue — ITU-R BS.1770, channels 1 and 2

REQUIREMENT	EXPECTED	MEASURED	STATUS
Integrated loudness	−24 LKFS ± 2	-24.0 LKFS	✓ Pass
True peak	≤ −2 dBTP	-9.6 dBTP	✓ Pass
Peak programme level	−12 to −8 dBFS, nominal −10 (NETA 2025)	Sample peak -9.6 dBFS	✓ Pass
Clipping	Free of clipping (NETA 2025); distortion is a listening check	No sample above -9.6 dBFS	✓ Pass
Average audio level	around −20 dBFS (NETA 2025, reference)	-27.2 dBFS RMS over the whole programme, quiet passages included	FYI

SAMPLE

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REQUIREMENT	EXPECTED	MEASURED	STATUS
Dialog level	Average dialogue at −24 LKFS ± 2 (NETA 2025)	-23.8 LKFS over the caption periods (speech located from the caption file); spread across six equal parts of the programme 1.2 LU	✓ Pass

How these figures were taken. Stream and signal analysis of the file itself: container and codec metadata, per-channel audio statistics, ITU-R BS.1770 loudness, frame-level video analysis and caption decoding. Loudness and true-peak measurement verified against the EBU Tech 3341/3342 test set (31 of 31 applicable cases). Expected values follow the distributor's published delivery requirements (NETA File Submission Requirements (2025)).

This report describes the file as received. It does not certify caption accuracy under 47 CFR §79.1, which rests with whoever authored the captions.

Technical evaluation by Cleared for Air with ClearedQC 2026.09 (NETA 2025 test plan) · 19 September 2026 · report CFA-20260919-SAMPLE-QUICK

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