CASE STUDY

THE VENERABLE W

AMSTERDAM
Tuesday 28 November to Saturday 1 December 2017

V9 March 13th 2017
Production: Les Films du Losange
Main Producer: Margaret Ménégoz (Les Films du Losange)
Co-producers: Lionel Baier (Bande à Part)
               Olivier Pierre
               Arte France Cinéma
Director: Barbet Shroeder
Budget 1,5M€

Cinematographer: Victoria Clay-Mendoza
Sound engineer: Florian Eidenbenz
Editor: Nelly Quettier
Composer: Jorge Arriagada
Post-production supervisor: François Dupuy (Noir Lumière)
CEO Noir Lumière: Tommaso Vergallo
Colorist: Patrick Lindenmaier (Andromeda Film AG)
Country of origin: France, Switzerland
Shooting locations/countries: Burma, Thailand
Language: English
Release date: 7 June 2017 (France)
Estimated length of the film/run time: 100 mn
Aspect ratio: 1:1,85
CODENAME: DOCBU

LE VÉRÉRABLE W.
In this presentation, the chronological process of the workflow of “Le Venerable W” is described from the perspective of François Dupuy, post-production supervisor of Noir Lumiere.
Story of a workflow: Le Vénérable W

Postproduction

CEO Noir Lumière: Tommaso Vergallo
Post-production supervisor (Noir Lumière): François Dupuy
Story of a workflow: Le Vénérable W

Shooting

Tests already done

Postproduction

INFORMATION

Very confidential project

Need of camera settings

Post-production supervisor (Noir Lumière):

François Dupuy
Question:

**WHICH TYPE OF RELEASE?**

**Postproduction**

**INFORMATION**

**Story of a workflow: Le Vénérable W**

**Shooting**

2 x Sony Alpha 7S MKII
HD - 25 fps
Rec 709
Gamma 2.2

**Production**

Barbet Schroeder

**Students proposal**

**35 mm - 70 mm**

**Film Projection**

**SD - HD - 2K - 4K**

**Digital Projection**

**SD - HD - UHD - 8K**

**Broadcast TV**

**DVD - Blu-Ray**

**INTERNET PROTOCOL**

**Internet - VOD**

**Mobile**

**OTHER SCREENINGS**

360° - Hologram
3D - AR/VR (Virtual Reality)
Story of a workflow: Le Vénérable W

Shooting
- 2 x Sony Alpha 7S MKII
- HD - 25 fps
- Rec 709
- Gamma 2.2

Postproduction
- INFORMATION
- Barbet Schroeder
- France

Answer:
- France
What is the final destination?
Answer:

- DCP @ 25 fps not present in all theaters
- Issue with subtitles @ 25fps

Topics:

- Recording file types
- Camera settings
- Previzualisation
Story of a workflow: Le Vénérable W

**Production**
- 2 x Sony Alpha 7S MKII
- UHD - 24 fps
- XAVC-S 8-bit 4:2:2
- S-Gamut3.Cine/S-Log3

**Country?**
- France

**Postproduction**
- Hostile country

**Question:**
**COPIES FOR BACK-UP?**
Story of a workflow: Le Vénérable W

**Shooting**
- 2 x Sony Alpha 7S MKII
- UHD - 24 fps
- XAVC-S 8-bit 4:2:2
- S-Gamut3.Cine/S-Log3

**Production**
- France
- les films du losange

**Postproduction**
- No checksum and file integrity!!
- Students proposal

**Question:**
COPIES FOR BACK-UP?

**Command-C**
**Command-V**

**Hostile country**

**Country?**

**35 mm - 70 mm**
- Film Projection

**INTERNET PROTOCOL**
- Internet - VOD
- Mobile

**OTHER SCREENINGS**
- 360° - Hologram
- 3D - AR/VR
- (Virtual Reality)

**Digital Projection**
- SD - HD - 2K - 4K
- SD - HD - UHD - 8K
- Broadcast TV
- DVD - Blu-Ray

**Broadcast TV**
- DVD - Blu-Ray
Story of a workflow: Le Vénérable W

**Shooting**
- 2 x Sony Alpha 7S MKII
- HDD's in 3 different places
- Silverstack
- B. Schroeder's MacBook Pro

**Production**
- les films du losange
- Barbet Schroeder

**Postproduction**
- Data management and dailies creation
- Silverstack
- La Cie Rugged HDD 1To Thunderbolt

**Information**
- Need of camera settings
- Very confidential project

**Internet Protocol**
- Internet - VOD
- Mobile

**Other Screenings**
- 360° - Hologram
- 3D - AR/VR
- (Virtual Reality)

**35 mm - 70 mm**
- Digital Projection

**SD - HD - 2K - 4K**
- Broadcast TV
- DVD - Blu-Ray

**SD - HD - UHD - 8K**
- Digital Projection

**Question:**
- COPIES FOR BACK-UP?
Camera Tests and settings

**Exposure tests:**
- XAVC-S codec better in highlights than in lowlights (noise)

**Slo-Mo** (HFR menu in the DSLR)
- 120 fps but in HD not in 4K (Possible for certain shots)

**Aspect ratio**
- 1:1.85

Team
Barbet Schroeder
Victoria Clay Mendoza
Noir Lumière
François Dupuy

Camera Rental House - Paris
Joël Porçu
Camera operating manager

2 x Sony Alpha 7S MKII

35 mm - 70 mm

Exposure tests:
- XAVC-S codec better in highlights than in lowlights (noise)
- Slo-Mo (HFR menu in the DSLR)
- 120 fps but in HD not in 4K (Possible for certain shots)

Aspect ratio
- 1:1.85
Story of a workflow: Le Vénérable W
Camera Tests and settings

Names issue:

- Alpha 7 (firmware 2016) don’t give unique names to clips

Solution in Pomfort **Silverstack**

- 13 SD cards (A,B,C,D,E,F,G,H,I,J,K,L,M) + number: XXX.
- Backup process: organization of clips:
  - <SHOOTING DATE>
  - <CARD LETTERXXX>
  - <CARD CONTENT>

Ex: 20160822/G100/PRIVATE/M4ROOT/CLIP/C00001.mp4….

In case of re-using the card, we kept the letter and increase the value
Story of a workflow: Le Vénérable W

**Shooting n° 1**

Burma

4 weeks
Feb, March 2016

**Team**

Barbet Schroeder (Director, cinematographer, camera B)
Victoria Clay Mendoza (Cinematographer, camera A)
Emilie Bickerton (camera assistant, data manager)

**Postproduction**

France

**Film Projection**

35 mm - 70 mm

INTERNET PROTOCOL

Internet - VOD
Mobile

**Other Screenings**

360° - Hologram
3D - AR/VR
(Virtual Reality)

**SD - HD - 2K - 4K**

Digital Projection

SD - HD - UHD - 8K

Broadcast TV
DVD - Blu-Ray
Question: HOW TO SEND THE FOOTAGE TO FRANCE?
Postproduction

Question:

HOW TO SEND THE FOOTAGE TO FRANCE?
Postproduction :

Remote control of the director’s computer

Question:

HOW TO SUPPORT THE DIRECTOR?
NOIR LUMIERE

becomes after 5 days of shooting, the:

SHOOTING LAB
Postproduction

NOIR LUMIERE
in charge of:

- Dailies
- Check QC
- Metadata check
- Back up
- Transcoding
- Conformation

INTERNET PROTOCOL
Internet - VOD
Mobile

OTHER SCREENINGS
360° - Hologram
3D - AR/VR
(Virtual Reality)
Story of a workflow: Le Vénérable W

DECISIONS:

• To use remote control of director’s computer through TeamViewer

• To use Pomfort Silverstack for Quality Check and sealing the footage on shuttle drive
Story of a workflow: Le Vénérable W

- **Shooting**
  - Burma

- **Production**
  - France
  - les films du losange

- **Postproduction**
  - MacBook Pro
  - F. Dupuy

- **Film Projection**
  - 35 mm - 70 mm
  - SD - HD - 2K - 4K
  - Digital Projection

- **Other Screenings**
  - 360° - Hologram
  - 3D - AR/VR (Virtual Reality)
  - Broadcast TV
  - DVD - Blu-Ray

- **Internet Protocol**
  - Internet - VOD
  - Mobile

**Production**

- First dailies

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**Burma**

- Flag
- Camera

**France**

- MacBook Pro
- F. Dupuy
- Flag

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**Postproduction**

- QC
- DHL

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**INTERNET PROTOCOL**

- Internet - VOD
- Mobile

**OTHER SCREENINGS**

- 360° - Hologram
- 3D - AR/VR (Virtual Reality)
Subject of the film?

First images viewed

INFORMATION

This is a documentary film

Film Projection

35 mm - 70 mm

Digital Projection

SD - HD - 2K - 4K

INTERNET PROTOCOL

Internet - VOD
Mobile

OTHER SCREENINGS
360° - Hologram
3D - AR/VR
(Virtual Reality)
Story of a workflow: Le Vénérable W

Non-graded
Story of a workflow: Le Vénérable W

Pre-graded
Story of a workflow: Le Vénérable W

Non-graded
Story of a workflow: Le Vénérable W

Pre-graded
Story of a workflow: Le Vénérable W

**Shooting**
- Burma
- First dailies

**Production**
- France
- les films du losange

**Editing - Off line**
- Nelly Quettier, editor
- France
- Avid Media Composer

**Postproduction**
- Back up: Quantum LTO 6 drives
- HP Z840
- Pre-grading

**Digital Projection**
- SD - HD - 2K - 4K
- SD - HD - UHD - 8K
- Broadcast TV
- DVD - Blu-Ray

**INTERNET PROTOCOL**
- Internet - VOD
- Mobile

**OTHER SCREENINGS**
- 360° - Hologram
- 3D - AR/VR
  (Virtual Reality)
Story of a workflow: Le Vénéraible W

**Shooting n° 1**
- Burma
- Nelly Quettier, editor (France)
- Avid Media Composer

**Postproduction**
- HP Z840
- Pre-grading
- ColorFront

**Back up**
- Quantum LTO 6 drives

**NGO INFORMATION**
- Multi types of recording files
  - Codec
  - Frame rate
  - Definition
  - Aspect ratio

**Production**
- France

**Editing - Off line**
- France

**INTERNET PROTOCOL**
- Internet - VOD
- Mobile

**OTHER SCREENINGS**
- 360° - Hologram
- 3D - AR/VR (Virtual Reality)

**Film Projection**
- 35 mm - 70 mm
- SD - HD - 2K - 4K
- Digital Projection

**3D - AR/VR (Virtual Reality)**
- SD - HD - UHD - 8K
- Broadcast TV
- DVD - Blu-Ray
Story of a workflow: Le Vénérable W

**Shooting**
- **Silverstack**
- Thailand
- B. Schroeder’s MacBook Pro

**Postproduction**
- Remote control of the director’s computer
- Good bitrate 50 Mb/s
- France

**Team**
- **Barbet Schroeder** (Director, cinematographer, camera B)
- **Victoria Clay Mendoza** (Cinematographer, camera A)

**Other Screenings**
- 360° - Hologram
- 3D - AR/VR (Virtual Reality)
- SD - HD - 2K - 4K
- SD - HD - UHD - 8K
- Broadcast TV
- DVD - Blu-Ray
- Internet - VOD Mobile
- **INTERNET PROTOCOL**
- **OTHER SCREENINGS**

**Timeline**
- 4 weeks
- August 2016

**Equipment**
- **Avid Media Composer**
- **TeamViewer**

**Video Formats**
- **35 mm - 70 mm**
- **Film Projection**
- **Digital Projection**
Story of a workflow: Le Vénérable W

- **Shooting n° 2**
  - Thailand
  - First dailies
  - Local facility

- **Postproduction**
  - France
  - High-Speed File Transfer Software (secured FTP)
  - Pre-grading
  - Back up
  - Quantum LTO 6 drives

- **Production**
  - France
  - les films du losange

- **Editing - Off line**
  - France
  - Nelly Quettier, editor
  - Avid Media Composer

**Technology and Formats**
- **35 mm - 70 mm**
- **SD - HD - 2K - 4K**
- **Digital Projection**
- **INTERNET PROTOCOL**
  - Internet - VOD
  - Mobile
- **OTHER SCREENINGS**
  - 360° - Hologram
  - 3D - AR/VR (Virtual Reality)
  - **SD - HD - UHD - 8K**
  - Broadcast TV
  - DVD - Blu-Ray
Story of a workflow: Le Vénérable W

**Shooting n° 2**

- Thailand

**First dailies**

**Local facility**

**Postproduction**

- HP Z840
- Pre-grading
- QC

**Production**

- France

**Editing - Off line**

- Nelly Quettier, editor

- France

- Avid Media Composer

**Back up**

- Quantum LTO 6 drives

**INTERNET PROTOCOL**

- Internet - VOD
- Mobile

**OTHER SCREENINGS**

- 360° - Hologram
- 3D - AR/VR (Virtual Reality)

**35 mm - 70 mm**

**Film Projection**

**SD - HD - 2K - 4K**

- Digital Projection

**SD - HD - UHD - 8K**

- Broadcast TV
- DVD - Blu-Ray

**Digital Projection**

- SD - HD - UHD - 8K

**Production**

- les films du losange

**Editing - Off line**

- Nelly Quettier, editor

- France

- Avid Media Composer

**Postproduction**

- HP Z840
- Pre-grading
- QC

**Back up**

- Quantum LTO 6 drives

**INTERNET PROTOCOL**

- Internet - VOD
- Mobile

**OTHER SCREENINGS**

- 360° - Hologram
- 3D - AR/VR (Virtual Reality)

**35 mm - 70 mm**

**Film Projection**

**SD - HD - 2K - 4K**

- Digital Projection

**SD - HD - UHD - 8K**

- Broadcast TV
- DVD - Blu-Ray

**Digital Projection**

- SD - HD - UHD - 8K
Story of a workflow: Le Vénérable W

W archives 20 To will arrive
To be secured in 3 days
To be secured in 3 days

INFORMATION W archives 20

Postproduction

France

INTERNET PROTOCOL

I - VOD

Mobile

OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)

35 mm - 70 mm

Film Projection

SD - HD - 2K - 4K

Digital Projection

SD - HD - UHD - 8K

Broadcast TV
DVD - Blu-Ray

35 mm - 70 mm

France

INTERNET PROTOCOL

I - VOD

Mobile

OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)

35 mm - 70 mm

France

INTERNET PROTOCOL

I - VOD

Mobile

OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)

35 mm - 70 mm

France

INTERNET PROTOCOL

I - VOD

Mobile

OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)

35 mm - 70 mm

France

INTERNET PROTOCOL

I - VOD

Mobile

OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)

35 mm - 70 mm

France

INTERNET PROTOCOL

I - VOD

Mobile

OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)

35 mm - 70 mm

France

INTERNET PROTOCOL

I - VOD

Mobile

OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)

35 mm - 70 mm

France

INTERNET PROTOCOL

I - VOD

Mobile

OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)

35 mm - 70 mm

France

INTERNET PROTOCOL

I - VOD

Mobile

OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)

35 mm - 70 mm

France

INTERNET PROTOCOL

I - VOD

Mobile

OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)

35 mm - 70 mm

France

INTERNET PROTOCOL

I - VOD

Mobile

OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)

35 mm - 70 mm

France

INTERNET PROTOCOL

I - VOD

Mobile

OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)

35 mm - 70 mm

France

INTERNET PROTOCOL

I - VOD

Mobile

OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)

35 mm - 70 mm

France

INTERNET PROTOCOL

I - VOD

Mobile

OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)

35 mm - 70 mm

France

INTERNET PROTOCOL

I - VOD

Mobile

OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)

35 mm - 70 mm

France

INTERNET PROTOCOL

I - VOD

Mobile

OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)

35 mm - 70 mm

France

INTERNET PROTOCOL

I - VOD

Mobile

OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)
To be secured in 3 days

INFORMATION

W archives 20

Postproduction

France

Film Projection

35 mm - 70 mm

INTERNET PROTOCOL

I

nternet - VOD

Mobile

OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)

MONK’S ARCHIVE

8 HDD - 8 x 2 To

• Window disks
• Huge mess
• Written in Burmese
• Impossible to read

MULTI TYPES OF RECORDING FILES

• Codec
• Frame rates
• Definition
• Aspect ratios
• Colour spaces

10.000 h of footage
50 000 photos
100 PDF

Production

France

d les films du losange

Editing - Off line

Nelly Quettier, editor

France

Avid Media Composer

Shooting n° 2

Thailand

First dailies

8 To MONK’S ARCHIVES

Back up

Quantum LTO 6 drives

Postproduction

France

Film Projection

35 mm - 70 mm

INTERNET PROTOCOL

I

nternet - VOD

Mobile

OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)

MONK’S ARCHIVE

8 HDD - 8 x 2 To

• Window disks
• Huge mess
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• Impossible to read

MULTI TYPES OF RECORDING FILES

• Codec
• Frame rates
• Definition
• Aspect ratios
• Colour spaces

10.000 h of footage
50 000 photos
100 PDF

Production

France

d les films du losange

Editing - Off line

Nelly Quettier, editor

France

Avid Media Composer

Shooting n° 2

Thailand

First dailies

8 To MONK’S ARCHIVES

Back up

Quantum LTO 6 drives

Postproduction

France

Film Projection

35 mm - 70 mm

INTERNET PROTOCOL

I

nternet - VOD

Mobile

OTHER SCREENINGS

360° - Hologram
3D - AR/VR
(Virtual Reality)
EXTRACT 3
**Story of a workflow: Le Vénérable W**

### Shooting
- **Burma**

### Production
- **France**

### Editing - Off line
- **Nelly Quettier, editor**
- **Avid Media Composer**

### Back up
- **Quantum LTO 6 drives**

### Decisions:
- To treat archives as new footage
- To create a platform for 5 persons with Owncloud, allowing:
  - To log easily the footage
  - To reference the footage
  - To exchanging with all the translators
  - Management of the footage with tag

### Recording Files
- **Codec**
- **Frame rates**
- **Definition**
- **Aspect ratios**
- **Colour spaces**

### MONK'S ARCHIVE
- 8 HDD
- 8 x 2 To
- Window disks
- Huge mess
- Written in Burmese
- Impossible to read
- 10,000 h of footage
- 50,000 photos
- 100 PDF

### To be secured in 3 days

### France to France to Burma

### Quantum LTO 6 drives
- **HP Z840**
- Pre-grading

### DECISIONS:
- To treat archives as new footage
- To create a platform for 5 persons with Owncloud, allowing:
  - To log easily the footage
  - To reference the footage
  - To exchanging with all the translators
  - Management of the footage with tag

### OWN CLOUD
- **3 translators + 2 archivers**

### UK

### 35 mm - 70 mm
- **Film Projection**

### SD - HD - 2K - 4K
- **Digital Projection**
- **Broadcast TV**
- **DVD - Blu-Ray**

### SD - HD - UHD - 8K
- **INTERNET PROTOCOL**
  - Internet - VOD Mobile
- **OTHER SCREENINGS**
  - 360° - Hologram
  - 3D - AR/VR (Virtual Reality)
Story of a workflow: Le Vénérable W

Shooting

Editing

Postproduction

Back up
Quantum LTO 6 drives

Colorfront

HP Z840

France

Production

Editing - Off line
Pre-editing: Barbet Schroeder
Nelly Quettier

Espagne

Editing - Off line
Nelly Quettier, editor

France

Avid Media Composer

35 mm - 70 mm
Film Projection

SD - HD - 2K - 4K
Digital Projection

SD - HD - UHD - 8K
Broadcast TV
DVD - Blu-Ray

INTERNET PROTOCOL
Internet: VOD
Mobile

OTHER SCREENINGS
360° - Hologram
3D - AR/VR
(Virtual Reality)
Story of a workflow: Le Vénérable W

**Shooting**
- Burma
- Thailand
- 87h of footage
- Shot in Burma & Thailand

**Editing - Off line**
- Pre-editing: Barbet Schroeder, Nelly Quettier
- France

**Editing - Off line**
- Nelly Quettier, editor
- France

**Production**
- France

**Postproduction**
- Back up: Quantum LTO 6 drives
- ColorFront
- HP Z840
- Pre-grading
- QC
- Shot in Burma & Thailand

**Shooting Summary**

**Film Projection**
- 35 mm - 70 mm

**Digital Projection**
- SD - HD - 2K - 4K
- UHD - 8K

**Broadcast TV**
- France
- Espagne

**SD - HD - UHD - 8K**
- Internet - VOD
- Mobile

**INTERNET PROTOCOL**
- 360° - Hologram
- 3D - AR/VR
- (Virtual Reality)

**Other Screenings**
- 3D - AR/VR
- Digital Projection
- SD - HD - UHD - 8K
- Broadcast TV
- DVD - Blu-Ray
Story of a workflow: Le Vénérable W

**Production**
- Shooting: Burma, Thailand
- Postproduction: France

**Editing - Off line**
- Pre-editing: Barbet Schroeder, Nelly Quettier
- Editing: Nelly Quettier, editor

**Editing**
- 6 months of editing (good display)
- Archives processing tests
- Screening tests (DNxHD 115 proxy is very good for screening tests)

**Back up**
- Quantum LTO 6 drives

**Postproduction**
- HP Z840
- Pre-grading

**Digital Projection**
- SD - HD - 2K - 4K
- UHD - 8K

**Broadcast**
- TV
- DVD - Blu-ray

**Internet Protocol**
- Internet - VOD
- Mobile

**Other Screenings**
- 360°
- Hologram
- 3D
- AR/VR (Virtual Reality)
- SD - HD - 2K - 4K
To be secured in 3 days

W archives 20

Story of a workflow: Le Vénérable W

Production
France

Editing - Off line
Pre-editing: Barbet Schroeder
Nelly Quettier
Espagne

Nelly Quettier, editor
France

Editing - Off line

Avid Media Composer

Shooting

Back up
Quantum LTO 6 drives

Postproduction

Pre-grading

France

INFORMATION ON POST-PRODUCTION:
INTERNATIONAL CO-PRODUCTION WITH SWITZERLAND

INFORMATION ON POST-PRODUCTION:
INTERNATIONAL CO-PRODUCTION WITH SWITZERLAND

VFX

Postproduction grading

Andromeda Film AG

Mixing

MAGNETICS
Switzerland

Andromeda Film AG

DaVinci Resolve 12

INTERNET PROTOCOL

INTERNET - VOD
Mobile

35 mm - 70 mm
Film Projection

SD - HD - 2K - 4K
Digital Projection

SD - HD - UHD - 8K
Broadcast TV
DVD - Blu-Ray

360° - Hologram
3D - AR/VR
(Virtual Reality)
Story of a workflow: Le Vénérable W

**Production**
- Thailand

**Shooting n° 2**
- Venerable W on blue screen
- Preparation of VFX
  - Blue screen keying
  - Fluid Morph
  - Picture in Picture
  - Split screen
  - Reframing
  - Stabilization
  - Deinterlace

+ Motion design
- Titles & Motion design (Amelie Vappereau)

**Editing**
- Pre-editing: Barbet Schroeder
- Nelly Quettier, editor

**Avid Media Composer**

**Postproduction**
- Back up: Quantum LTO 6 drives
- HP Z840
  - Pre-grading
- Colorfront
- QC

**VFX**

**Postproduction grading**
- Andromeda Film Ag
  - DaVinci Resolve 12

**France**

**INTERNET PROTOCOL**
- Internet - VOD
- Mobile
- SD - HD - UHD - 8K
  - Broadcast TV
  - DVD - Blu-Ray

**OTHER SCREENINGS**
- 360° - Hologram
- 3D - AR/VR
  - (Virtual Reality)

**Digital Projection**

**35 mm - 70 mm**

**Film Projection**

**Quantum LTO 6 drives**

**Postproduction**
The editor is highly experienced in all the creative possibilities of the editing systems, preparing very precisely all the VFX.
Story of a workflow: Le Vénérable W

Keying with an Alpha 7S MKII - Before
Story of a workflow: Le Vénérable W

Keying with an Alpha 7S MKII - After
EXTRACT 2 + EXTRAIT 5
Story of a workflow: Le Vénérable W

**Postproduction**
- Back up: Quantum LTO 6 drives
- Postproduction grading: DaVinci Resolve 12
- HP Z840
- Switzerland

**Editing**
Preparation of tracks by the editor:
- **Track1**: Footage A7SII
- **Track2**: Archives re-conformed in DNxHD 175x
- **Track3**: VFX (Bluescreen - Fluid Morph - Stab - Reframing)
- **Track4**: Motion Design

**Digital Projection**
- SD - HD - 2K - 4K
- SD - HD - UHD - 8K

**Other Screenings**
- 360° - Hologram
- 3D - AR/VR (Virtual Reality)

**Broadcast**
- TV
- DVD - Blu-Ray

**Production**
- Shooting
- Back up: Quantum LTO 6 drives

**Editing - Offset**
- Pre-editing: Barbet Schroeder, Nelly Quettier

**Editing - Offset**
- Nelly Quettier, editor

**Shooting**
- Avid Media Composer

**Pre-editing**
- Barbet Schroeder

**Quantum LTO 6 drives**

**AAF**

**Preparation of tracks by the editor**

**Storyboard**

**35 mm - 70 mm**
- Film Projection

**INTERNET PROTOCOL**
- Internet - VOD
- Mobile

**OTHER SCREENINGS**
- 360° - Hologram
- 3D - AR/VR (Virtual Reality)
Story of a workflow: Le Vénérable W

**Shooting**

**Production** France

**Editing - Off line**
- Pre-editing: Barbet Schroeder
- Nelly Quettier

**Editing - Off line** France

**Postproduction grading** Andromeda Film AG Switzerland

1. AAF

2. HP Z840

3. Quantum LTO 6 drives

4. Re-framing finalized

5. Da Vinci Project

6. Exchange of project

**Back up**

**VFX**

**Postproduction**

**Conformation**

**Exchange of project**

**Exchange of project**

**Filming Projection**

**INTERNET PROTOCOL**
- Internet - VOD
- Mobile

**OTHER SCREENINGS**
- 360° - Hologram
- 3D - AR/VR

**Broadcast TV**

**Digital Projection**

**SD - HD - 2K - 4K**

**SD - HD - UHD - 8K**

**Avid Media Composer**

**France**

**Espagne**

**Nelly Quettier**, editor
Story of a workflow: Le Vénérable W

Postproduction

Back up
Quantum LTO 6 drives

HP Z840
Conformation

WAV

For each version (Different voices over):

- International (w/o voice over but w/ burmese dialogues)
- French
- English
- Germans (new kid in town!)

Noir Lumière asked for:

- Soundtrack 23.98fps 5.1 + LTRT Theatrical mix
- Soundtrack 23.98fps 5.1 + LTRT Broadcast Mix (R128)
- Soundtrack 23.98fps 5.1 + LTRT Home Entertainment Mix (Blu-ray, OTT…)
- Soundtrack 25fps 5.1 + LTRT Theatrical mix
- Soundtrack 25fps 5.1 + LTRT Broadcast Mix (R128)
- Soundtrack 25fps 5.1 + LTRT Home Entertainment Mix (Blu-ray, OTT…)

Production

France

Editing - Off line

Espagne

Nelly Quettier, editor

Avid Media Composer
Story of a workflow: Le Vénérable W

Production decision

INFORMATION
Multi languages versioning
French - English - German

Production
- France

Editing - Off line
- Pre-editing: Barbet Schroeder
- Nelly Quettier
- España

Editing - Off line
- Nelly Quettier, editor
- France

Avid Media Composer

Shoot back-up
- Quantum LTO 6 drives

Postproduction
- France

HP Z840
Conformation

VFX
- Andromeda Film AG

Postproduction grading
- Andromeda Film AG
- Switzerland

Digital Projection
- SD - HD - 2K - 4K
- SD - HD - UHD - 8K

Broadcast TV
DVD - Blu-Ray

INTERNET PROTOCOL
- Internet - VOD
- Mobile

OTHER SCREENINGS
- 360° - Hologram
- 3D - AR/VR
(Virtual Reality)
Story of a workflow: Le Vénérable W

**Production**
- Swiss Territory

**Editing - Off line**
- Pre-editing: Barbet Schroeder, Nelly Quettier
  - Espagne

**Editing - Off line**
- Nelly Quettier, editor
  - France

**Shooting**
- Avid Media Composer

**Postproduction**
- French, English, German
- Postproduction: Andromeda Film AG
  - Switzerland

**Back up**
- Quantum LTO 6 drives

**Postproduction grading**
- 2K D.I.
  - 23,98 fps
  - 1: 1,85

**VFX**
- Da Vinci Project

**Film Projection**
- 35 mm - 70 mm
- SD - HD - 2K - 4K
- SD - HD - UHD - 8K

**INTERNET PROTOCOL**
- Internet - VOD
  - Mobile

**OTHER SCREENINGS**
- 360° - Hologram
  - 3D - AR/VR (Virtual Reality)
Story of a workflow: Le Vénérable W

**Production**
- To be secured in 3 days
- Switzerland

**Postproduction**
- ColorFront
- HP Z840
- Quantum LTO 6 drives
- Back up
- Noir Lumiere
- France

**Postproduction grading**
- Andromeda Film AG
- 2K D.I.
- DaVinci Resolve 12
- 23.98 fps
- 1: 1.85
- Switzerland

**VFX**
- Nelly Quettier, editor
- Espagne

**Editing - Off line**
- Pre-editing: Barbet Schroeder, Nelly Quettier
- France

**Editing - Off line**
- Nelly Quettier, editor
- France

**Shooting**

**Film Projection**
- SD - HD - 2K - 4K
- Digital Projection
- SD - HD - UHD - 8K
- Broadcast TV
- DVD - Blu-Ray

**Internet Protocol**
- Internet - VOD
- Mobile

**Other Screenings**
- 360° - Hologram
- 3D - AR/VR (Virtual Reality)
Sensitive documentary
Extremely small team
Shooting with a DSLR camera
Dealing with archives

Important facts to understand the process:

- Real human risks
- Real risks to loose all the footage
- Multi-types of recording files types including archives
Story of a workflow: Le Vénérable W

**Production**
- **Shooting**
  - Burma
  - Thailand

**Editing - Off line**
- **Pre-editing**: Barbet Schroeder, Nelly Quettier
  - Espagne

**Editing - On line**
- **Nelly Quettier, editor**
  - France

**Postproduction**
- **Back up**
  - Quantum LTO 6 drives
- **Postproduction**
  - France
  - Switzerland

**VFX**
- Preparation of VFX
  - Motion design
  - Preparation of tracks
- Andromeda Film Ag

**Mixing**
- MAGNETICS
  - Switzerland

**35 mm - 70 mm**
- HD - 2K - 4K
- SD - HD - UHD - 8K

**Film Projection**
- Broadcast TV
  - DVD - Blu-Ray

**INTERNET PROTOCOL**
- Internet - VOD
  - Mobile

**OTHER SCREENINGS**
- 360° - Hologram
  - 3D - AR/VR
  - (Virtual Reality)

**FILE TYPE PARAMETERS**
- Codec
  - Frame rate
  - Definition
  - Aspect ratio

**Archives Multi types of Recording Files**
- Codec
  - Frame rate
  - Definition
  - Aspect ratio

**Monk’s Archive**
- 3 translators
  - 2 archivers

**Data management & dailies creation**
- OwnCloud

**First dailies**
- 4K

**Remote control of the director’s computer**
- DSM

**Preparation of tracks**
- Barbet Schroeder

**Preparation of VFX**
- Motion design

**2K DI**
- 23.98 fps
  - 1:1.85
  - DaVinci Resolve 12

**Re-framing finalized**
- Da Vinci Project

**Rescalling to HD**
- DCP

**Broadcast Master**
- Legal Range

**Broadcast TV**
- Of Recording Files
  - • Codec
    - • Frame rate
      - • Definition
        - • Aspect ratio

**Film Projection**
- 35 mm - 70 mm
- HD - 2K - 4K
- SD - HD - UHD - 8K

**INTERNET PROTOCOL**
- Internet - VOD
  - Mobile

**OTHER SCREENINGS**
- 360° - Hologram
  - 3D - AR/VR
  - (Virtual Reality)

**Archives Multi types of Recording Files**
- Codec
  - Frame rate
  - Definition
  - Aspect ratio

**Da Vinci Resolve 12**
- 23.98 fps
  - 1:1.85

**Remote control of the director’s computer**
- DSM

**Broadcast Master**
- Legal Range

**Broadcast TV**
- Of Recording Files
  - • Codec
    - • Frame rate
      - • Definition
        - • Aspect ratio

**Film Projection**
- 35 mm - 70 mm
- HD - 2K - 4K
- SD - HD - UHD - 8K

**INTERNET PROTOCOL**
- Internet - VOD
  - Mobile

**OTHER SCREENINGS**
- 360° - Hologram
  - 3D - AR/VR
  - (Virtual Reality)

**Archives Multi types of Recording Files**
- Codec
  - Frame rate
  - Definition
  - Aspect ratio

**Da Vinci Resolve 12**
- 23.98 fps
  - 1:1.85

**Remote control of the director’s computer**
- DSM

**Broadcast Master**
- Legal Range

**Broadcast TV**
- Of Recording Files
  - • Codec
    - • Frame rate
      - • Definition
        - • Aspect ratio

**Film Projection**
- 35 mm - 70 mm
- HD - 2K - 4K
- SD - HD - UHD - 8K

**INTERNET PROTOCOL**
- Internet - VOD
  - Mobile

**OTHER SCREENINGS**
- 360° - Hologram
  - 3D - AR/VR
  - (Virtual Reality)
Workflow: Le Vénérable W

**Shooting**
- Burma
- Thailand
- 4 weeks
- 4 weeks
- 5 years of research for the director

**Production**
- France

**Editing - Off line**
- Pre-editing: Barbet Schroeder
- Espagne
- 6 months

**Editing - Off line**
- Nelly Quettier
- France

**Postproduction**
- Postproduction grading: France
- Duration: 9 months

**VFX**
- France

**Mixing**
- Magnetis
- Switzerland

**Film Projection**
- SD - HD - 2K - 4K
- SD - HD - UHD - 8K
- Broadcast TV
- DVD - Blu-Ray

**INTERNET PROTOCOL**
- Internet - VOD
- Mobile

**OTHER SCREENINGS**
- 360° - Hologram
- 3D - AR/VR (Virtual Reality)
When the head of department are occupying different locations (some on-set, some off-set - in several countries at the same time, shown in the presentation by different colors) it lead to different strategies of workflows.

Distances between shooting locations and lab and editing room are changing the approach to design a workflow.
Is there a life after a release?
The long-term preservation and dematerialized exploitation
One example of service
1 - SAVE
your files on our cloud storage located in France
(3 x replication, 100% durability).

2 - CONSULT
your entire archive content via streaming us in our ultra secure application.
3 - TRANSCODE
from any file type to any file type:
DCP, IMF, ProRes, DNX, H264, etc.

4 - EDIT
Change subtitles and audio tracks.
Add logos.
5 - SHARE
Streaming consultation links to your prospects.

6 - DELIVER
  to your customers in a dematerialized way
  (simple download, Aspera, Cinego theatrical delivery).
Workflow: Le Vénérable W

ACCESS THROUGH SMART PHONE

Create a new version
ACCESS THROUGH COMPUTER
ACCESS THROUGH COMPUTER
Workflow: Le Vénérable W

ACCESS THROUGH COMPUTER
ACCESS THROUGH COMPUTER
The end

A François Dupuy presentation
https://noirlumiere.com/uk/

Designed by Philippe Ros
http://www.philipperos.com/