



DIGITAL PRODUCTION
CHALLENGE II

CASE STUDY

THE VENERABLE W

AMSTERDAM

Tuesday 28 November to Saturday 1 December 2017

V7 Sunday 10th 2017

FOCAL

resource



Production: **Les Films du Losange**

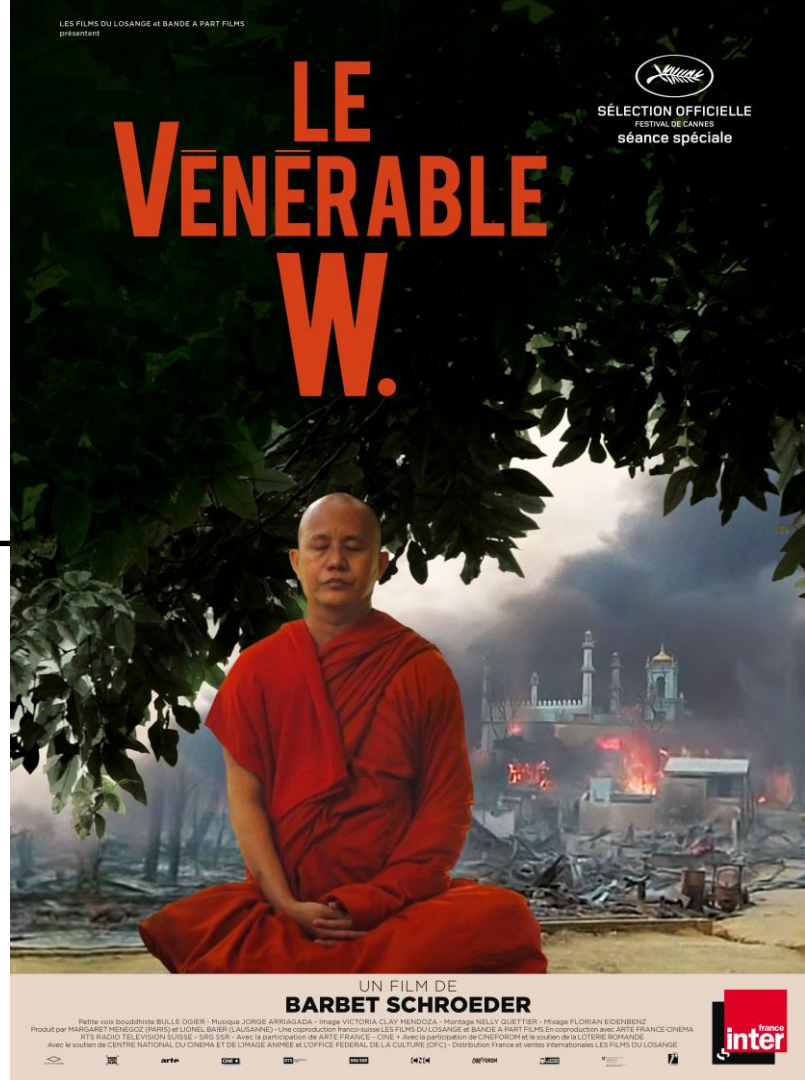
Main Producer: **Margaret Ménégoz (Les Films du Losange)**

Co-producers: **Lionel Baier (Bande à Part)**

Olivier Pierre

Arte France Cinéma

Director: **Barbet Schroeder**



Budget 1,5M€

Cinematographer: **Victoria Clay-Mendoza**

Sound engineer: **Florian Eidenbenz**

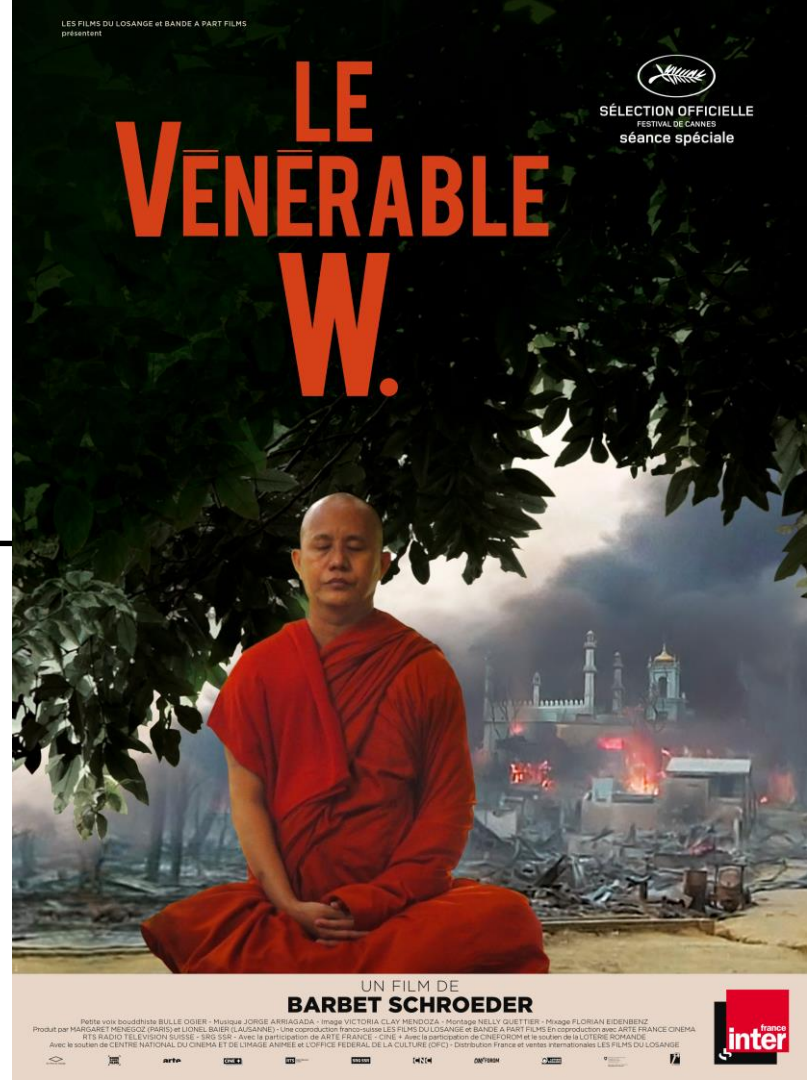
Editor: **Nelly Quettier**

Composer: **Jorge Arriagada**

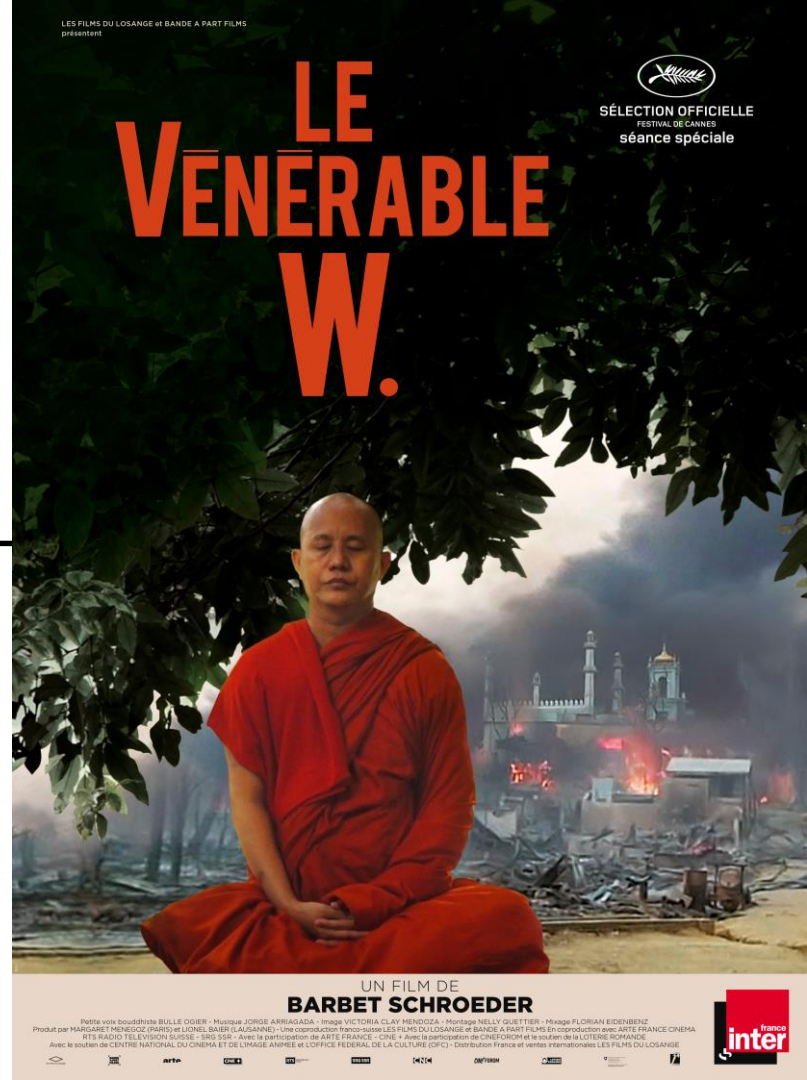
Post-production supervisor: **François Dupuy (Noir Lumière)**

CEO Noir Lumière: **Tommaso Vergallo**

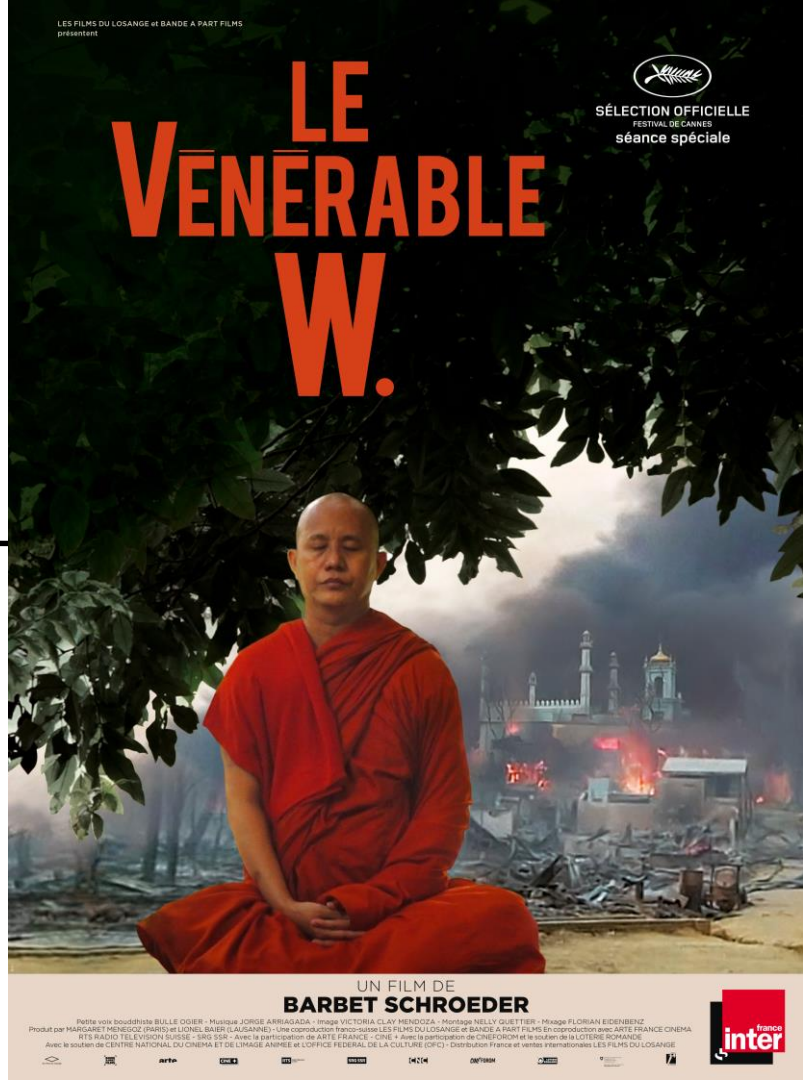
Colorist: **Patrick Lindenmaier (Andromeda Film AG)**



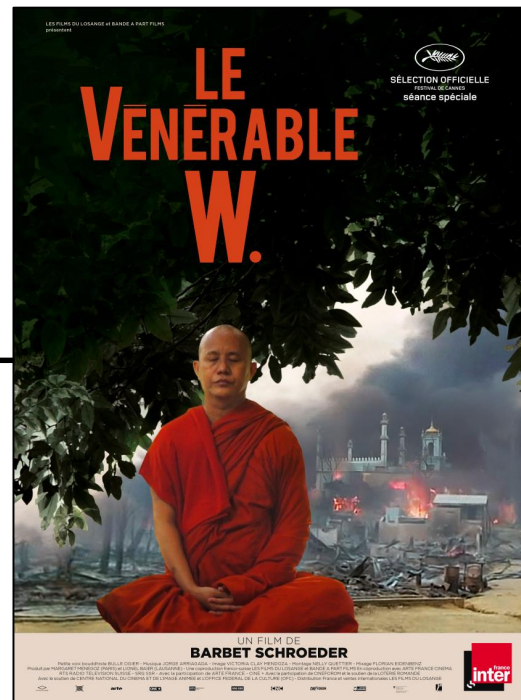
Country of origin: **France, Switzerland**
Shooting locations/countries: **Burma, Thailand**
Language: **English**
Release date: **7 June 2017 (France)**
Estimated length of the film/run time: **100 mn**
Aspect ratio: **1:1,85**



CODENAME: **DOCBU**

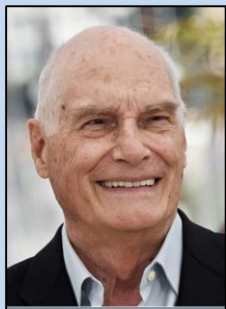


The following slides describe a chronological process



Production

France



Barbet Schroeder

Postproduction



France



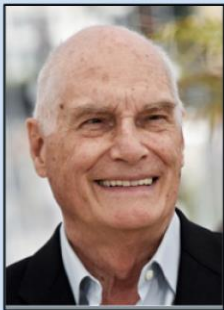
CEO Noir Lumière: **Tommaso Vergallo**
Post-production supervisor (Noir Lumière):
François Dupuy

Shoot

**Tests already
done**

Production

France



Barbet Schroeder

Postproduction



France

INFORMATION

Very confidential project

Need of camera settings

Post-production supervisor (Noir Lumière):

François Dupuy

Shoot




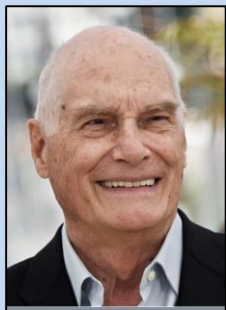
2 x Sony
Alpha 7S MKII

HD - 25 fps
Rec 709
Gamma 2.2

Students
proposal

Production

France 



Barbet Schroeder

Postproduction

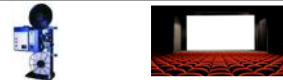


France

Question:

WHICH TYPE OF RELEASE?

35 mm - 70 mm



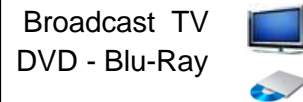
Film Projection

SD - HD - 2K - 4K



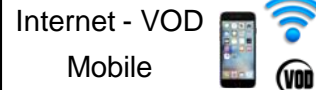
Digital Projection

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

Shoot




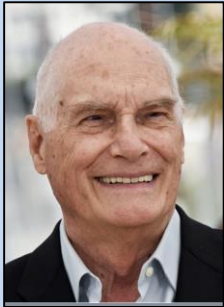
2 x Sony
Alpha 7S MKII

~~HD - 25 fps
Res 1080
Gamma 2.2~~



Production

France 



Barbet Schroeder

Postproduction



France

Answer:

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)



What is the final destination ■



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

SHOOT



POSTPRODUCTION



EXHIBITION

Shoot



2 x Sony
Alpha 7S MKII


UHD - 24 fps
XAVC-S 8-bit 4:2:2
S-Gamut3.Cine/S-
Log3

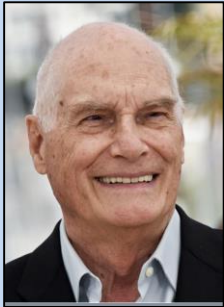
Conversion
Rec.709 on
viewfinder

23,98 fps!!!



Production

France 



Barbet Schroeder

Postproduction



France

REMINDER

UHD: 3840 x 2160 pixels

4K: 4096 x 2160 pixels

Answer:

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

TOPICS:

- RECORDING FILE TYPES
- CAMERA SETTINGS
- PREVIZUALISATION

35 mm - 70 mm



Film Projection

SD - HD - 2K - 4K



Digital Projection

HD - UHD - 8K

Broadcast TV
DVD - Blu-Ray



INTERNET PROTOCOL

Internet - VOD
Mobile



OTHER SCREENINGS

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



Shoot

Country?




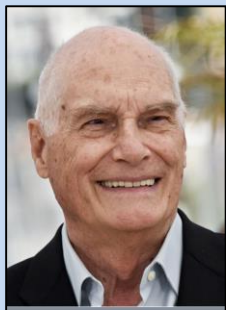
2 x Sony
Alpha 7S MKII

UHD - 24 fps
XAVC-S 8-bit 4:2:2
S-Gamut3.Cine/S-
Log3

Hostile
country

Production

France 



Barbet Schroeder

Postproduction

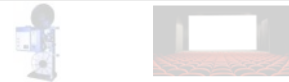


France

Question:

COPIES FOR BACK-UP?

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

Shoot

Country?


Hostile country



2 x Sony
Alpha 7S MKII

UHD - 24 fps
XAVC-S 8-bit 4:2:2
S-Gamut3.Cine/S-
Log3

Production

France 



Barbet Schroeder

No check-sum and file integrity!!

Postproduction



France

~~Command-C
Command-V~~

Students proposal

Question:

COPIES FOR BACK-UP?

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

Shoot




2 x Sony
Alpha 7S MKII

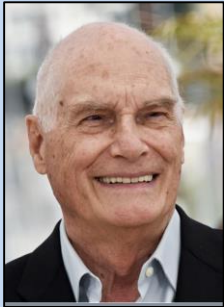


B. Schroeder's
MacBook Pro

HDD's in 3
different places

Production

France 



Barbet Schroeder

Postproduction



France

Data management
and dailies creation

Silverstack



La Cie Rugged
HDD 1To
Thunderbolt

Question:

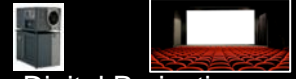
COPIES FOR BACK-UP?

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)



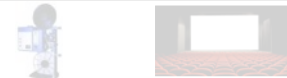
Shoot

Postproduction



France

35 mm - 70 mm



Camera Tests and settings

Exposure tests:

- XAVC-S codec better in highlights than in lowlights (noise)

Slo-Mo (HFR menu in the DSLR)

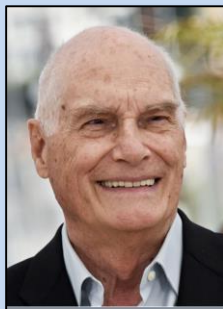
- 120 fps but in HD not in 4K (Possible for certain shots)

Aspect ratio

- 1:1,85

Production

France



Barbet Schroeder

Camera Rental House - Paris



Joël Porçu

Camera operating
manager



2 x Sony
Alpha 7S MKII

Team

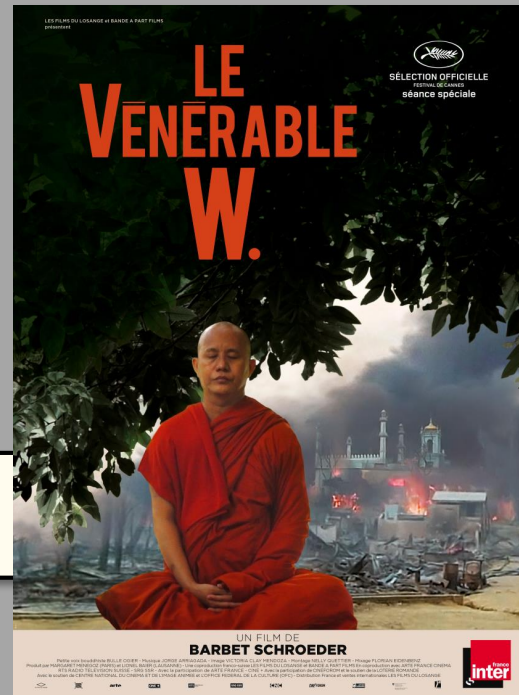
Barbet Schroeder

Victoria Clay Mendoza

Noir Lumière

François Dupuy

EXTRACT 4



Shoot

Postproduction



France

35 mm - 70 mm



Camera Tests and settings

Names issue:

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


Solution in Pomfort **Silverstack**

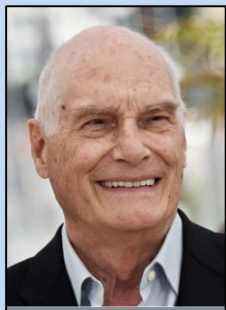
- 13 SD cards (A,B,C,D,E,F,G,H,I,J,K,L,M) + number: XXX.
- Backup process: organization of clips:
 - ✓ <SHOOTING DATE>
 - ✓ <CARD LETTERXXX>
 - ✓ <CARD CONTENT>

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

In case of re-using the card, we kept the letter and increase the value

Production

France 



Barbet Schroeder



Story of a workflow: Le Vénérable W



Burma

Shoot



Postproduction



France

4 weeks

Feb, March 2016

Team

Barbet Schroeder (Director, cinematographer, camera B)

Victoria Clay Mendoza (Cinematographer, camera A)

Emilie Bickerton (camera assistant, data manager)

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


 **Shoot**
Burma 



~~LOCAL POSTPRODUCTION FACILITIES?~~

~~WEB CAFE?~~

 ?



Production France 



 les films du losange



Postproduction   France




Question:


HOW TO SEND THE FOOTAGE TO FRANCE?

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



Shoot



Burma



SD Card



Test

48h



Postproduction



France

OK

Production

France



Question:

**HOW TO SEND THE
FOOTAGE TO
FRANCE?**

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

Shoot


 Burma




 Barbet Schroeder's Macbook Pro





Production


France 

 les films du losange

Postproduction

  France



Remote control of the director's computer





Question:

HOW TO SUPPORT THE DIRECTOR?



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



Shoot

Burma

Production

France



DECISION

Postproduction



Franc

NOIR LUMIERE

becomes after 5 days of shooting, the:

SHOOTING LAB

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)





Shoot

Burma

Production

France



DECISION


Postproduction



Franc

NOIR LUMIERE

in charge of:

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

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)





Shoot

Burma

Production

France



DECISION

Postproduction



Franc

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



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




Shoot

Burma 







First dailies



Production

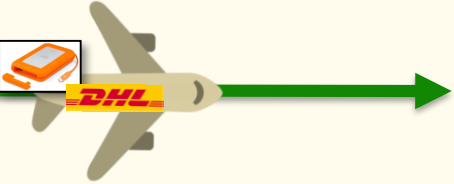
France 





les films du losange

Postproduction



  France





 

MacBook Pro
F.Dupuy


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




Shoot

Burma 


 




First dailies


  


Production


France 





Postproduction


France 

Back up 
Quantum LTO 6 drives


1 

2 

3 



4 

colorfront
HP Z840
Pre-grading





3 **First pre-grading tests**



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) 

Non-graded



Pre-graded



Non-graded



Pre-graded

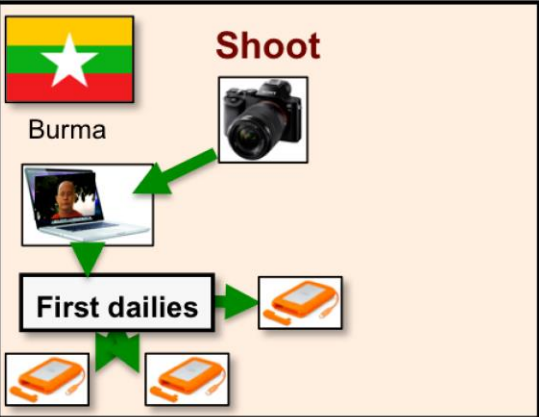


Story of a workflow: Le Vénérable W

Shoot

Burma

First dailies



Production

Editing

Editing - Off line

Nelly Quettier, editor

France

Avid Media Composer



Postproduction

Back up

Quantum LTO 6 drives

colorfront

HP Z840

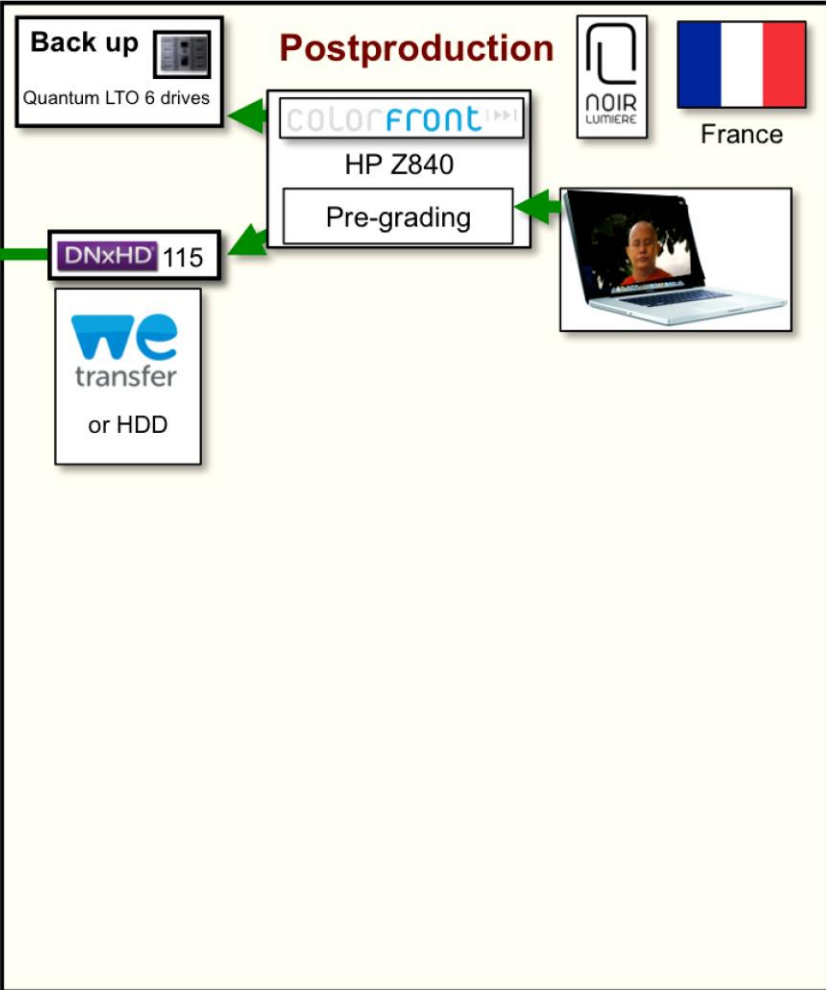
Pre-grading

NOIR LUMIERE

France

DNxHD 115

we transfer or HDD



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

Shoot

Burma 

Danger!

TEAM

First dailies

Production

France 

les films du losange


Editing - Off line

Nelly Quettier, editor

France 

Avid Media Composer

Postproduction

France 

NOIR LUMIERE

Back up

Quantum LTO 6 drives

colorfront

HP Z840

Pre-grading

SMS!!

Take care! The military intelligence is aware of your frequent visits to your special guest.

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



Burma

Danger!

**End of
Shooting n° 1**

Production

France



Editing - Off line

Nelly Quettier, editor



France



Avid Media Composer

Back up

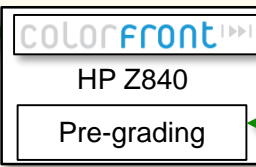


Quantum LTO 6 drives

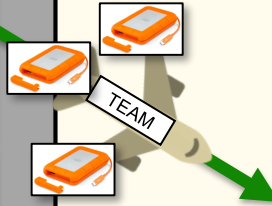
Postproduction



France



Pre-grading



NGO INFORMATION



**MULTI TYPES OF
RECORDING FILES**

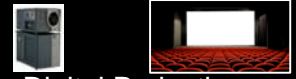
- Codec
- Frame rate
- Definition
- Aspect ratio

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

Shoot n° 2



Thailand



Silverstack

B. Schroeder's
MacBook Pro

4 weeks
August 2016

Remote control
of the director's
computer

Good bitrate
50 Mb/s

Postproduction



France



Team

Barbet Schroeder (Director, cinematographer, camera B)

Victoria Clay Mendoza (Cinematographer, camera A)

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

Shoot n° 2  Thailand




First dailies  **Local facility** 

Data 101101011

Production  France





les films du losange

Editing - Off line  France


Nelly Quettier, editor






Avid Media Composer


Back up  Quantum LTO 6 drives 


Data 101101011


Postproduction  France



colorfront  HP Z840 

Pre-grading 


1  **1**

High-Speed File Transfer Software (secured FTP) 

Data 101101011


3

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

Shoot n° 2  Thailand






First dailies  **Local facility**




Production  France





Editing - Off line  France
Nelly Quettier, editor




Avid Media Composer


Back up 
Quantum LTO 6 drives


Postproduction  France




HP Z840

Pre-grading 




DNxHD 15 
or HDD

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

Shoot n°2  Thailand




First dailies  **Local facility**




Production  France




les films du losange



Editing - Off line  France

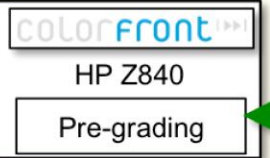
Nelly Quettier, editor




Avid Media Composer

Back up  Quantum LTO 6 drives

Postproduction   France

colorfront  HP Z840


Pre-grading 

INFORMATION

W archives 20 To will arrive


To be secured in 3 days

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  


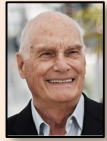

OTHER SCREENINGS


360° - Hologram



3D - AR/VR (Virtual Reality) 

Story of a workflow: Le Vénérable W

Shoot n° 2  Thailand



First dailies 



Production  France




les films du losange



Editing - Off line  France


Nelly Quettier, editor





Avid Media Composer

Back up 
Quantum LTO 6 drives

Postproduction   France




HP Z840
Pre-grading



8 To MONK'S ARCHIVES 





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

Shoot n° 2

 Thailand

First dailies



Production

France 



les films du losange



Editing - Off line

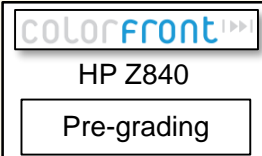
Nelly Quettier, editor  France



Avid Media Composer


Postproduction

 Back up
Quantum LTO 6 drives

  France

 colorfront |>>>
HP Z840
Pre-grading



8 To MONK'S ARCHIVES 

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

35 mm - 70 mm


Film Projection

SD - HD - 2K - 4K


Digital Projection

SD - HD - UHD - 8K

Broadcast TV 
DVD - Blu-Ray 

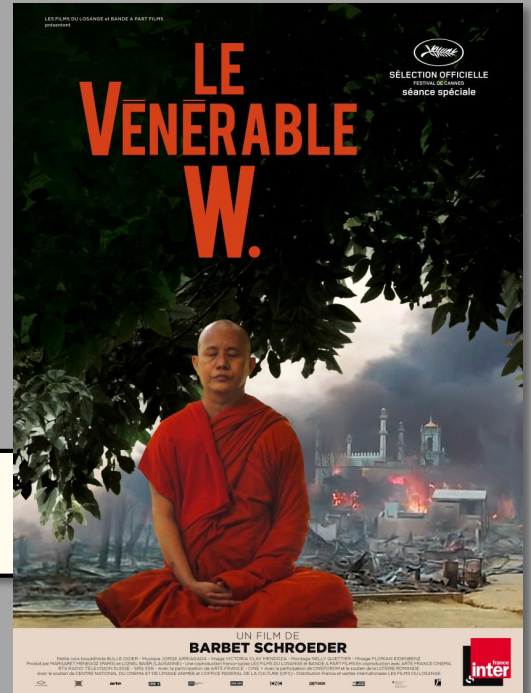
INTERNET PROTOCOL

Internet - VOD 
Mobile 

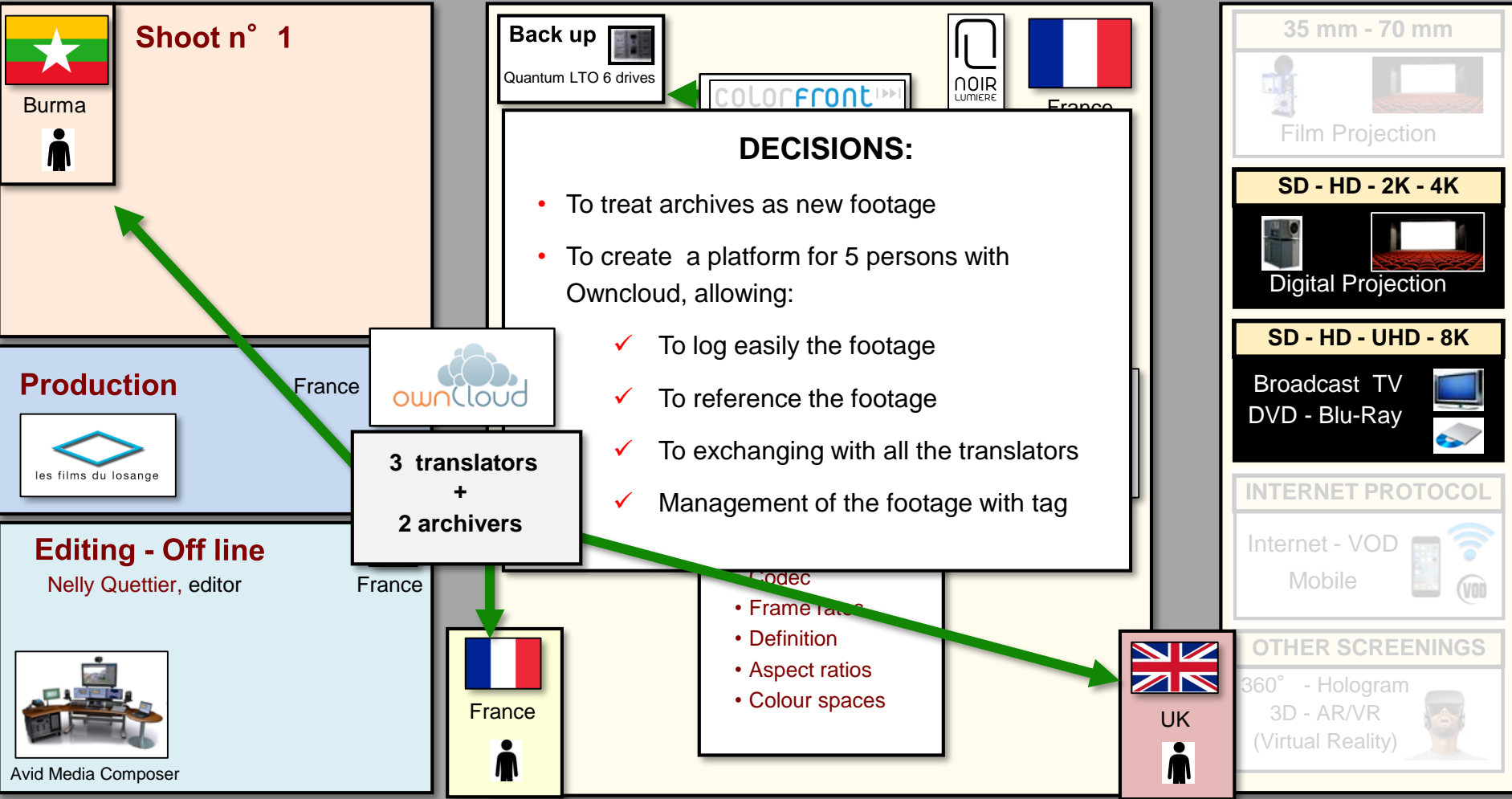
OTHER SCREENINGS

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

EXTRACT 3



Story of a workflow: Le Vénérable W



Story of a workflow: Le Vénérable W

Shoot n°1

Back up



Quantum LTO 6 drives

Postproduction

colorfront

HP Z840



France

Editing

Production

Editing - Off line

Pre-editing: Barbet Schroeder
Nelly Quettier



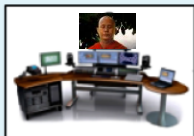
Espagne

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

Shoot

Burma  Thailand 




87h of footage

Shot in Burma & Thailand

Production  France 


Editing - Off line


Pre-editing: Barbet Schroeder
Nelly Quettier

Espagne 


Editing - Off line

Nelly Quettier, editor


France 




Avid Media Composer


Back up  Quantum LTO 6 drives


Postproduction


colorfront  HP Z840

Pre-grading

France 





QC 





Shooting Summary



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

Shoot


Burma  Thailand 



Production  France 

Editing - Off line

Pre-editing: Barbet Schroeder
Nelly Quettier


Espagne 

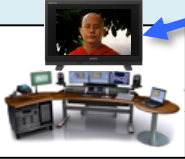
Editing - Off line


Nelly Quettier, editor


Ecran Sony
24' Oled


Editing in HD 1920 x 1080 @ 23,98fps

 Very good quality

 Avid Media Composer





Back up  Quantum LTO 6 drives


Postproduction  colorfront


HP Z840

Pre-grading

 NOIR LUMIERE

France 




 DNxHD 15

Editing Summary

- 6 months of editing (good display)
- Archives processing tests
- Screening tests (DNxHD115 proxy is very good for screening tests)

35 mm - 70 mm

  Film Projection

SD - HD - 2K - 4K

  Projection

UHD - 8K

st TV 
u-Ray 

T PROTOCOL

VOD  

SCREENINGS

ogram
VR
eality) 

Story of a workflow: Le Vénérable W

Shoot

 Burma  Thailand




Production

 France 

Editing - Off line

Pre-editing: Barbet Schroeder
Nelly Quettier

 Espagne


Editing - Off line

Nelly Quettier, editor


 France



Avid Media Composer



Back up  Quantum LTO 6 drives


Postproduction



 colorfront |>>>

HP Z840

Pre-grading

 QC 

 DNxHD 15

 NOIR LUMIERE  France

INFORMATION ON POST-
PRODUCTION
INTERNATIONAL
CO-PRODUCTION WITH
SWITZERLAND

VFX

Andromeda Film AG

Mixing

MAGNETICS

Switzerland 

Postproduction grading


Andromeda Film AG



 DaVinci Resolve 12


 Switzerland

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

Shoot



Thailand



Shooting



Production

Editing - Off

Pre-editing: Barbet
Nelly C

Editing - Off

Nelly Quettier, ec



Avid Media Composer

Editing

Preparation of VFX

- Blue screen keying
- Fluid Morph
- Picture in Picture
- Split screen
- Reframing
- Stabilization
- Deinterlace

+ Motion design

Titles & Motion design

(Amelie Vappereau)

Back up

Quantum LTO 6 drives



Postproduction



France

colorfront

HP Z840

Pre-grading

DNxHD 15

QC

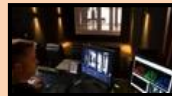


VFX

Andromeda Film AG

Postproduction grading

Andromeda Film AG



DaVinci Resolve 12



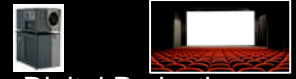
Switzerland

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

Shoot



Thailand

Shooting



Production

Editing - Off

Pre-editing: Barbet
Nelly Q

Editing - Off

Nelly Quettier, ec



Avid Media Composer

Editing

Preparation of VFX

- Blue screen keying
- Fluid Morph
- Picture in Picture
- Split screen
- Reframing
- Stabilization
- Deinterlace

+ Motion design

Titles & Motion design

(Amelie Vappereau)

Back up



Quantum LTO 6 drives

Postproduction



HP Z840



France

35 mm - 70 mm



Film Projection

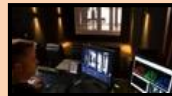
Nelly Quettier

The editor is highly experienced in all the creative possibilities of the editing systems, preparing very precisely all the VFX

VFX

Andromeda Film AG

Postproduction grading



DaVinci Resolve 12

Andromeda Film AG



Switzerland

Internet - VOD
Mobile



OTHER SCREENINGS

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



Story of a workflow: Le Vénérable W

Keying with an Alpha 7S MKII - Before

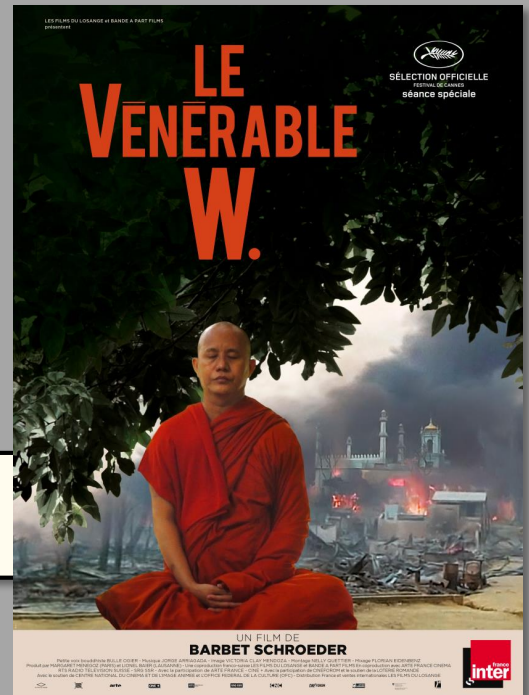


Story of a workflow: Le Vénérable W

Keying with an Alpha 7S MKII - After



EXTRACT 2 + EXTRAIT 5



Story of a workflow: Le Vénérable W

Shoot

Back up
Quantum LTO 6 drives

Postproduction



France

DaVinci Resolve 12
HP Z840



Production

Editing - Off

Pre-editing: Barbet
Nelly C

Editing - Off

Nelly Quettier, ec



Avid Media Composer

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

production grading

Andromeda Film AG



DaVinci Resolve 12



Switzerland

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

Shoot

Production



France



Editing - Off line

Pre-editing: Barbet Schroeder
Nelly Quettier



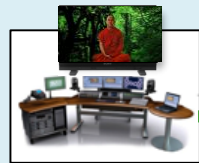
Espagne

Editing - Off line

Nelly Quettier, editor



France



AAF

1

Avid Media Composer

Back up

Quantum LTO 6 drives

3

Postproduction

DaVinci Resolve 12

HP Z840

2



France

Re-framing
finalized

4

Conformation



5



Da Vinci Project

5

Exchange of project

VFX

Andromeda Film AG

6

Postproduction grading

Andromeda Film AG



DaVinci Resolve 12



Switzerland

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

Shoot

Production



France



Editing - Off line

Pre-editing: Barbet Schroeder
Nelly Quettier



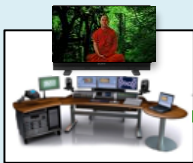
Espagne

Editing - Off line

Nelly Quettier, editor



France



AAF

1

Avid Media Composer

Back up

Quantum LTO 6 drives



Postproduction

DaVinci Resolve 12

HP Z840

Conformation



France



2

WAV

For each version (Different voices over):

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

MAGNETICS



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 (BluRay, OTT...)

VFX

Andromeda Film AG

Mixing
MAGNETICS



35 mm - 70 mm



Film Projection

SD - HD - 2K - 4K



Digital Projection

SD - HD - UHD - 8K



TOCOL



ONINGS



Story of a workflow: Le Vénérable W

Shoot

Production



France



Editing - Off line

Pre-editing: Barbet Schroeder
Nelly Quettier



Espagne

Editing - Off line

Nelly Quettier, editor



France



Avid Media Composer

Back up

Quantum LTO 6 drives



Postproduction

DaVinci Resolve 12

HP Z840

Conformation



France



Production decision

INFORMATION

Multi languages versioning

French - English - German

VFX

Andromeda Film AG

Postproduction grading



Andromeda Film AG

DaVinci Resolve 12



Switzerland

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

Shoot

Production



France



Editing - Off line

Pre-editing: Barbet Schroeder
Nelly Quettier



Espagne

Editing - Off line

Nelly Quettier, editor



France



Avid Media Composer

Back up



Quantum LTO 6 drives

Postproduction



France

DaVinci Resolve 12

HP Z840



French
English
German

DSM

Da Vinci Project

VFX

Andromeda Film AG

Postproduction grading

2K D.I.

Andromeda Film AG



DaVinci Resolve 12

23,98 fps
1: 1,85



Switzerland

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

Shoot

Production



France



Editing - Off line

Pre-editing: Barbet Schroeder
Nelly Quettier



Espagne

Editing - Off line

Nelly Quettier, editor



France



Avid Media Composer

Back up

Quantum LTO 6 drives



Postproduction

colorfront

HP Z840

1

3

DCP

Rescanning to
HD

BROADCAST
MASTER

4

Legal Range

5



France



VFX

Andromeda Film AG

Postproduction grading

2K D.I.



DaVinci Resolve 12

Andromeda Film AG

23,98 fps
1: 1,85



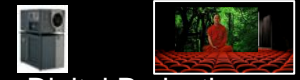
Switzerland

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

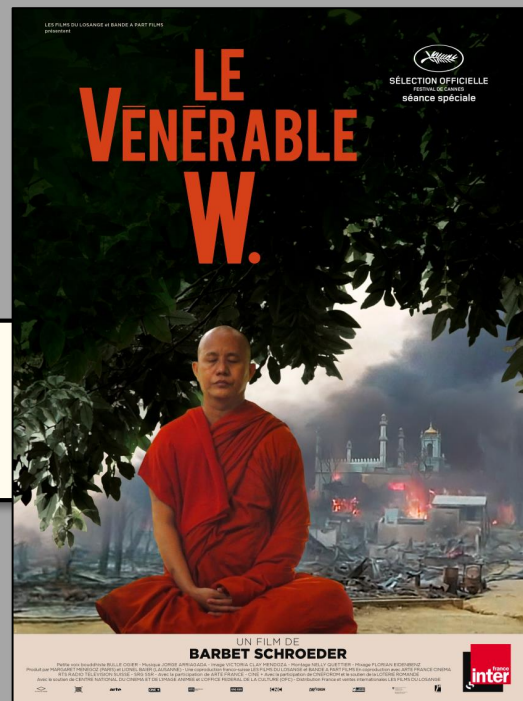


OTHER SCREENINGS

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



SUMMARY



Sensitive documentary

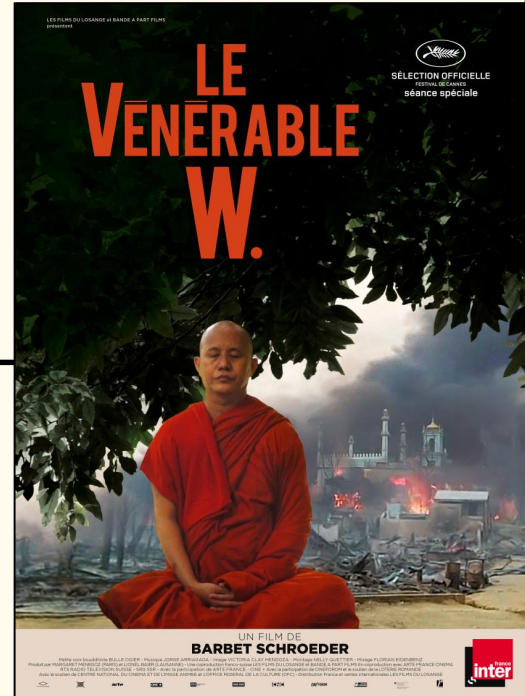
Extremely small team

Shooting with a DSLR camera

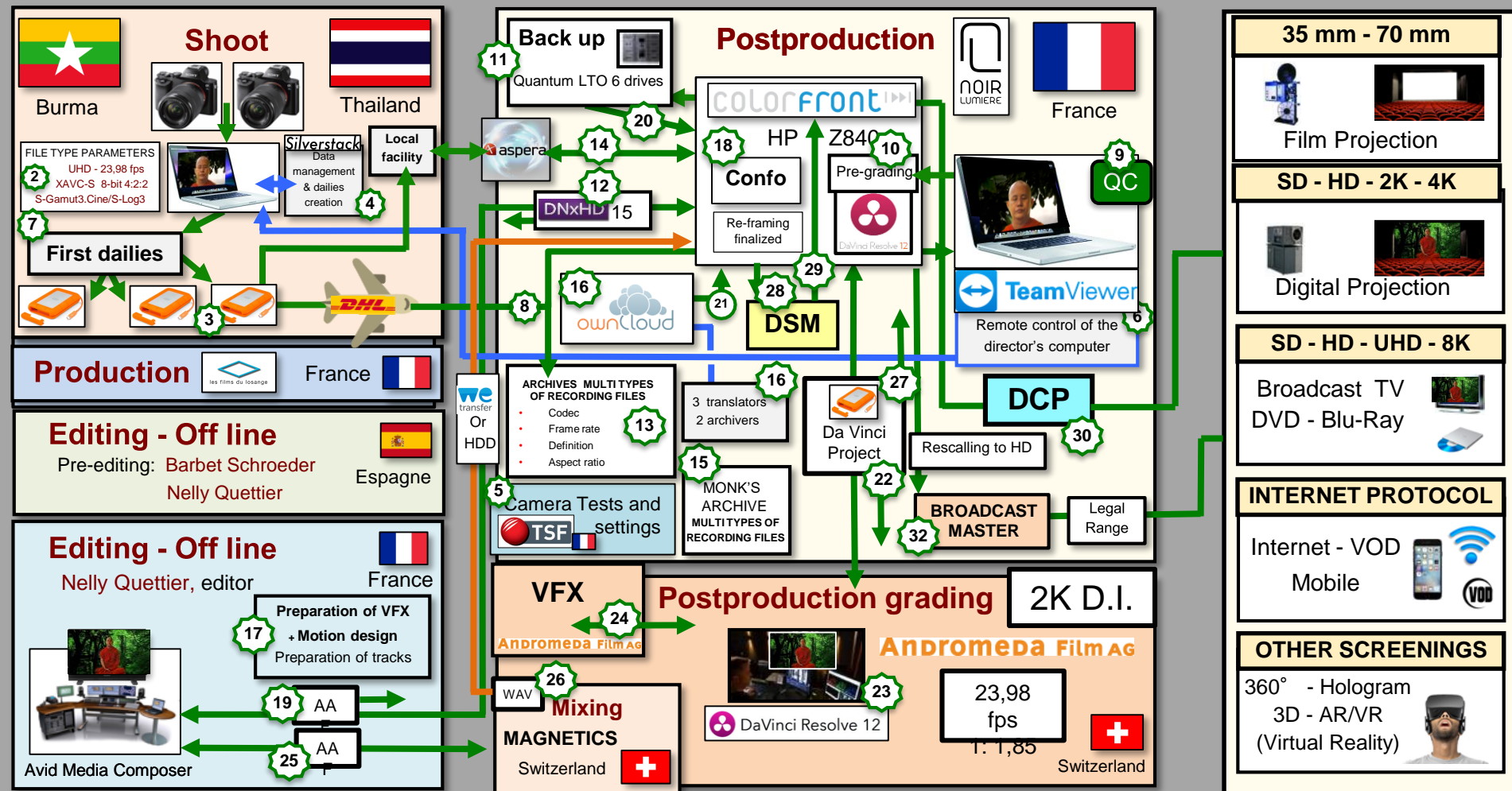
Dealing with archives

Important facts to understand the process:

- Real human risks
- Real risks to lose all the footage
- Multi-types of recording file types including archives



Story of a workflow: Le Vénérable W



Shoot

Burma Thailand

FILE TYPE PARAMETERS
 UHD - 23,98 fps
 XAVC-S 8-bit 4:2:2
 S-Gamut3.Cine/S-Log3

Silverstack
 Data management & dailies creation

Local facility

First dailies

DHL

Production France

les films du losange

Editing - Off line

Pre-editing: Barbet Schroeder
 Nelly Quettier

Espagne

Editing - Off line

Nelly Quettier, editor

France

Preparation of VFX + Motion design
 Preparation of tracks

AA

AA

Avid Media Composer

Back up 11
 Quantum LTO 6 drives

14 20

12 15

18 HP Z840
Confo
 Re-framing finalized

10 Pre-grading
 DaVinci Resolve 12

9 QC

8 16
 ownCloud

21 28 29
DSM

27 30
DCP
 Rescaling to HD

6 TeamViewer
 Remote control of the director's computer

13 ARCHIVES MULTI TYPES OF RECORDING FILES
 • Codec
 • Frame rate
 • Definition
 • Aspect ratio

16 3 translators
 2 archivers

15 MONK'S ARCHIVE MULTI TYPES OF RECORDING FILES

5 Camera Tests and settings
 TSG

22 32
BROADCAST MASTER
 Legal Range

Postproduction grading 2K D.I.

ANDROMEDA Film AG

23 DaVinci Resolve 12

24 26
Mixing
 WAV

25
MAGNETICS
 Switzerland

23,98 fps
 1:1,85

Switzerland

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)

Workflow: Le Vénérable W

Shoot



Burma

4 weeks



Thailand

4 weeks

5 years of research for the director

Production



France



Editing - Off line

Pre-editing:

Barbet Schroeder



Espagne

Editing - Off line

Nelly Quettier



France

6 months



Postproduction



France

Post-production
duration:
9 months

VFX

Andromeda Film AG

Mixing

MAGNETICS

Switzerland



Postproduction grading



Switzerland

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)



SHOOT

FILM

Super 8



Super 16



35 mm



4 P
3 P
2 P

65 mm



SENSORS

Digital Still
Camera DSLR



Alpha 7S

Archives

High Definition



From EX-3 to CANON
C300 MKII, VARICAM 35
RED WEAPON, SONY
F65, ARRI ALEXA 65



DECISION TREE

POST-PRODUCTION

CHEMICAL



DIGITAL

Telecine

SD Standard
Definition

HD High
Definition

2K Scan

2K DI

4K Scan

4K DI

6K Scan

SCREENING

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)



Shoot



Burma



Thailand

Production



France



Editing - Off line

Pre-editing:

Barbet Schroeder



Espagne

Editing - Off line

Nelly Quettier



France



Postproduction



France

CONSEQUENCES OF INTERNATIONAL CO-PRODUCTIONS

VFX

Andromeda Film AG

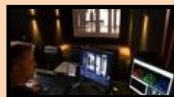
Mixing

MAGNETICS

Switzerland



Postproduction grading



Switzerland

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)



Workflow: Le Vénérable W

Shoot



Burma



Thailand

Production



France



Editing - Off line

Pre-editing:

Barbet Schroeder



Espagne

Editing - Off line

Nelly Quettier



France



Postproduction



France

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

VFX

Andromeda Film AG

Mixing

MAGNETICS

Switzerland



Postpro



Distances between shooting locations and lab and editing room are changing the approach to design a workflow

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





The end

A François Dupuy presentation

<https://noirlumiere.com/uk/>



Designed by Philippe Ros

<http://www.philipperos.com/>