P2 Workflow on Set

- Need an assistant editor or two for media management
- Media must be moved off P2 Cards and backed up to disk
  - Card then reformatted and used again
Media management

Items needed from checkout

• Mac G4 Laptop
• P2 Card Reader (P2 Store)
• External Hard Drives (get enough to have two backups of your media)
Must Format Hard Drives Properly

• Don’t use the drive without formatting even though it mounts on to desktop
• Could be formatted FAT 32 and is not formatted properly for video editing
• Drive needs to be NTFS or Mac OS Extended or Journaled
• Click here for formatting instructions
HVX-200 Video Formats and Frame Rate settings
Now Native Frame Rates and Variable Frame Rates can be recorded to the FS-100(with V.4) and P2 cards

Link to FS-100 helpsheet:

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1 720p variable frame rates: 12, 18, 20, 22, 24, 26, 30, 32, 36, 48, and 60 fps
Extracting or Harvesting Media off of P2 cards

- Two ways of doing this
- Using the Laptop’s PCMIA SLOT
  - 2 to 3 times faster than using the P2 Store on Macintosh
- Using the P2 Store
  - Good to use in conjunction with laptop method or use as an additional backup option
Steps to offloading Media

1. Connect the P2 card reader or P2 store to the laptop's USB port.
   
   Click for how to use the P2 store

2. Connect the firewire drive to the laptop’s FireWire port. (MUST OFFLOAD FILES TO EXTERNAL DRIVE. LAPTOP HAS NO STORAGE SPACE)

3. Insert the P2 card into the P2 card reader

4. Insert the P2 card into the PCMIA slot on laptop

   • Move the media to the firewire drive via the finder. Just drag and drop the “CONTENTS” folder and the LASTCLIP.TXT file to firewire drive
How to mount the Panasonic P2 Card Reader AJ-PCS060 on a Windows or a Mac computer

- Connect USB cable between P2 store and Mac or PC, and then turn on P2
- To change compatibility mode of P2 store between Mac and Windows:
  - Make sure USB LED (A) lights.
  - Press HDD Capacity (B), Battery level indicator button (C) and Cancel button (D) hold down simultaneously for more than five seconds until
  - The color of USB LED (A) is ORANGE for Mac, GREEN for Windows.
- Disconnect and reconnect the USB 2.0 cable to the computer to mount the drive.
Importing MXF files (originated from Panasonic HVX200/P2) into Avid

See Helpsheet: HOW TO IMPORT MXF FILES INTO AVID

• NOTE AVID DOES NOT MAKE QUICKTIMES LIKE FINAL CUT. AVID USES THE P2 MXF MEDIA NATIVELY SO DOES NOT MAKE NEW MEDIA WHEN IMPORTING.
• 1. Copy P2 media on to the Storage Drive in a folder called Avid MediaFiles>MXF>1
• Go to Drive and look for a folder called AVID MediaFiles inside that a folder called MXF and then inside that a folder called 1.
• Put all MXF files in the folder called 1.

• The MXF files to import are only the ones located in the VIDEO and AUDIO folders (under CONTENTS)
Making a New Project in AVID

- Launch AVID
- Create a project that matches the MXF media frame rate and aspect ratio.
  - Usually 720p/23.976 or 1080p/23.976 or 1080i/59.94.
- Name project and click OK
Bringing Media into AVID Project

- Once AVID launches project go to >Tools > Media Tool
- Select the all the Media Drives and All Projects.
- Make sure that only Master Clips is selected and Click OK
• When the Media Tool opens it shows all the clips.

• Select the ones that you created and drag the clips to a newly created bin in the AVID project.
P2 Final Cut Pro Workflow

- Step 1: Make a backup footage off of P2 cards
- Step 2: Make a new Final Cut Project and designate Storage
- Step 3: Mount P2 volumes in the Log and Transfer window
- Step 4: Select clips in the Browse area
- Step 5: View clips in the Preview area
- Step 6: Add logging information in the Logging area
- Step 7: Add clips to the Transfer Queue to ingest media
· You can import footage into Final Cut Pro directly from a P2 card, using a P2 card reader or inserting in the PCMIA slot if laptop has one.
· Will need a P2 driver installed. Checkout laptop is already configured see link for Panasonic driver downloads
  · https://eww.pavc.panasonic.co.jp/pro-av/support/desk/e/download.htm#p2pcdriver
· Attach a P2 card reader using USB 2.0 cable connected to the USB 2.0 port on the laptop
· Insert card into the PCMIA slot on Laptop
• ONCE THE CARD READER IS MOUNTED ON DESKTOP INSERT P2 CARD AND DRAG OFF THE FOLDER “CONTENTS” AND THE FILE LABELED LASTCLIP.TXT see example below.

• All the files on the P2 card will be in labeled the same way so make a new folder for each card and copy the card contents to that folder.

• Once files are copied open Final Cut Pro
  • Make a new project
  • Set “Scratch Disk” and “Logging Bin”
  • Open the Log and Transfer tool
  • Go to >File>Log and Transfer
Final Cut Log and Transfer importing workflow

Click this Icon to add a folder of P2 media to Log and Transfer Window

Click to access preferences

Click "Add Clip or Selection to Queue" to start bringing media into project

Fill in information about clip before adding it to Queue
Add additional P2 folders from the Finder by clicking the add Folder button in the upper-left corner of the Browse area, choose a P2 folder, then click OK.

- Select a clip in the Browse area of the Log and Transfer window to view it in the Preview area.
- Mark an inpoint and an outpoint then click “Add Clip to Queue”
- Or can select the whole clip in the browser and add it to Queue by selecting “Add Selection to Queue”
Clips will transfer into FCP

- Clips will queue and transfer
- Will automatically load into open Final Cut project bin
- Media will be converted to Quicktime files stored in the capture scratch folder set in system settings