Downconvert from HDCAM to DVCAM

Machine Room Patch panel, Top=OUT Bottom=IN

DVCAM deck setup
- DVCAM deck: Set ---Timecode to External
  (TO Change timecode: Click >MENU >RT ARROW TO “TIMECODE” >RT ARROW TO “TC MODE” >RT ARROW TO “EXT/INT” >UP/DOWN ARROW TO CHANGE >“SET YES” TO SAVE AND EXIT) and Video + Audio input channels on SIF.

COMPOSITE VIDEO patching
- DVCAM out to NTSC Monitor A in.

DIGITAL VIDEO patching
- HDCam SDI out to DVCAM SDI in.
- 23.98 or 59.94 REF out to HDCam REF in.

ANALOG AUDIO patching
- HDCam TC out to DVCAM TC in.
- DVCAM Ch 1 out to Audio Monitor.

VHS dub patching
- COMPOSITE VIDEO patching for simultaneous VHS dub
  - video patch: DVCAM out to Rack 3 in.
  - audio patch: DVCAM ch.1 & ch.2 out to Rack 3 ch.1 and ch.2 in.

RACK 3 patching
- video patch: Rack 1 out to VDA in (patches VHS decks 1-4).
- audio patch: Rack 1 & 2 out to VHS 1 in.

HD Suite
- Make sure that the G5 Editing CPU is off so we don't cause feedback loop into the Sony HDcam deck which will cause video jitter
- HDCam machine preset on 23.98 fps and Stop light is not flashing.
- Monitor preset on option A (top right button lights monitor options).
- On HDSuite digital patch panel patch DOWNCONVERT out to MR DOWNCONVERT in

To Dub:
1. Put DVCAM tape put in deck (switch is closed = on record).
2. Put in three VHS (if needed) tapes in decks 2-4 (tabs on = on record).
3. Put HD tape in deck and rewind (switch is open = not recordable).
4. Hit Play on HD tape, rush to Machine room to press Record + Play on DVCAM deck and VHS decks 2-4. (There must be 15 seconds of bars before picture starts).

Checks for both monitors
- Audio knobs at noon and levels are ok.
- video normalcy.
- TC burn-in.
- TC breaks.

When finished:
1. Rewind all tapes.
2. Make DVCAM and VHS tapes not-recordable (switches open and tabs off).
3. Remove all patches, turn off decks.