

3D Stereoscopic multi camera



- The learning curve:
 - It's easy
 - Its difficult
 - It can be done
 - We did it
 - Lessons learned
 - Technical
 - Production
-

The learning curve



- It's easy
 - Put two camera's side by side on a plate
 1. Wow
-

The learning curve



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The learning curve



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- It's difficult
 - Read a book
 - Consult a stereograph
 - Browse the internet

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 - It can be done
 - What's needed: The right people and a powerful HD Unit
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The learning curve



We did it: How?

3D Capable: Outside Broadcast Unit 14



- Powerful 2D High Definition Unit
 - 30 HD camera's = 15 Stereo camera's
 - 4.5 Mix Effect Video Switcher with extensive programming features allows simultaneous processing of left and right eye
 - 16 on board digital picture manipulators for flipping pictures
 - Powerful automation software: left and right are ganged together as if they are one source
 - Measurement equipment for precise timing and grading.
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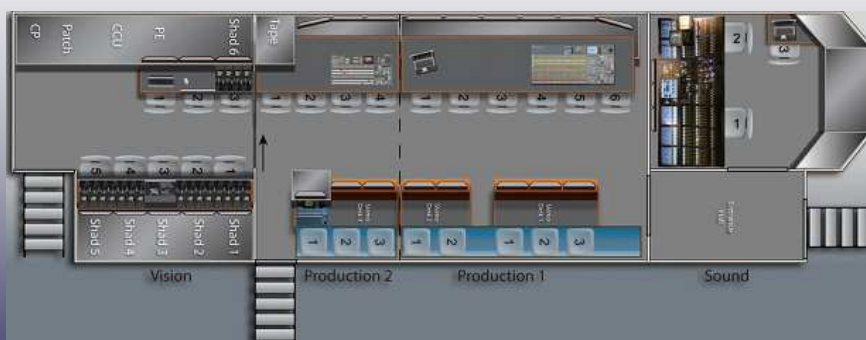


- Technical adaptations
 - Camera control: master slave functionality
 - Split screen monitoring for vision control / grading
 - 42" JVC 3D program monitor
 - Axon "Coder" from 2 x HDSDI to Side by Side for monitoring and viewing copies on HDcam
 - EVS XT2 servers with 3D option and export to disk in Apple Prores 3D QuickTime movies
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3D Capable: Outside Broadcast Unit 14



- Staff accommodation



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Lessons Learned



- Technical
 - Timing
 - Keep left and right right or you're left with problems.
 - Camera correction
-

Lessons Learned



- Technical
 - Timing
 - Keep left and right right or you're left with problems.
 - Camera correction
 - Production
 - Time!
 - Money!
-

"Any sufficiently advanced technology
is indistinguishable from magic."

Arthur C Clarke