

41 03.09.03

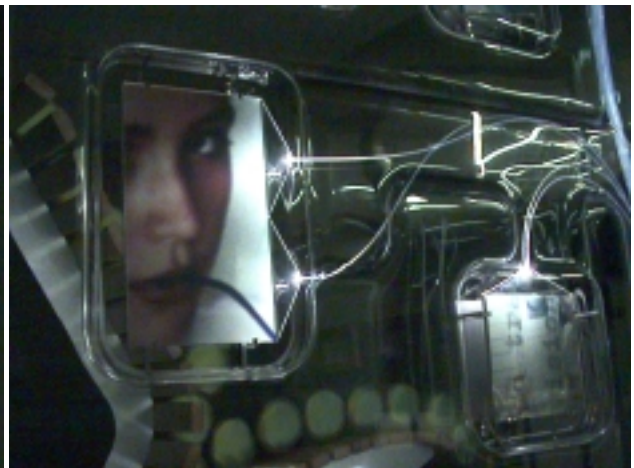
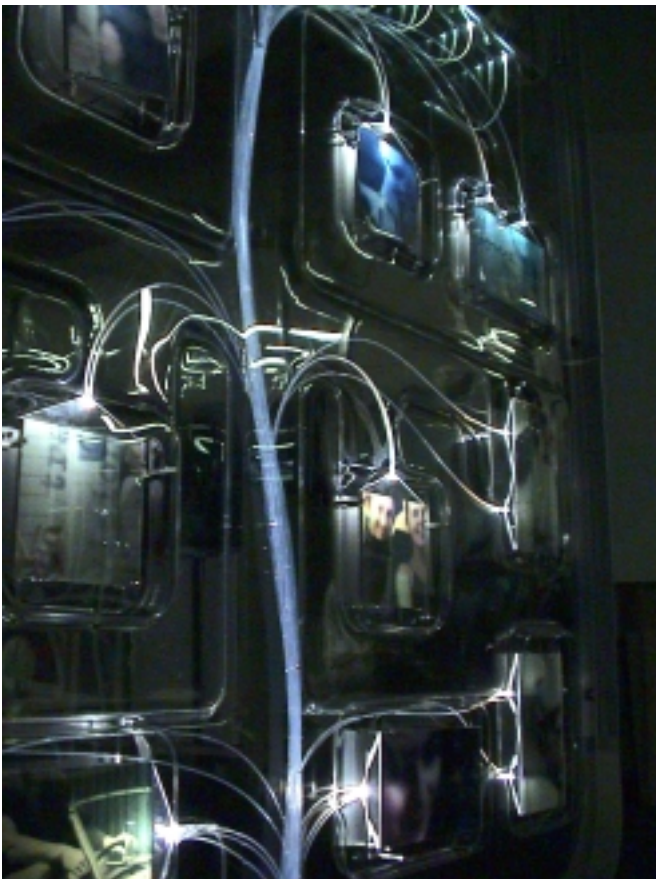


ACMI Screen Lounges Progress report on construction

From **Crowd Productions**: A report on progress of research, design and construction work to 03.09.03

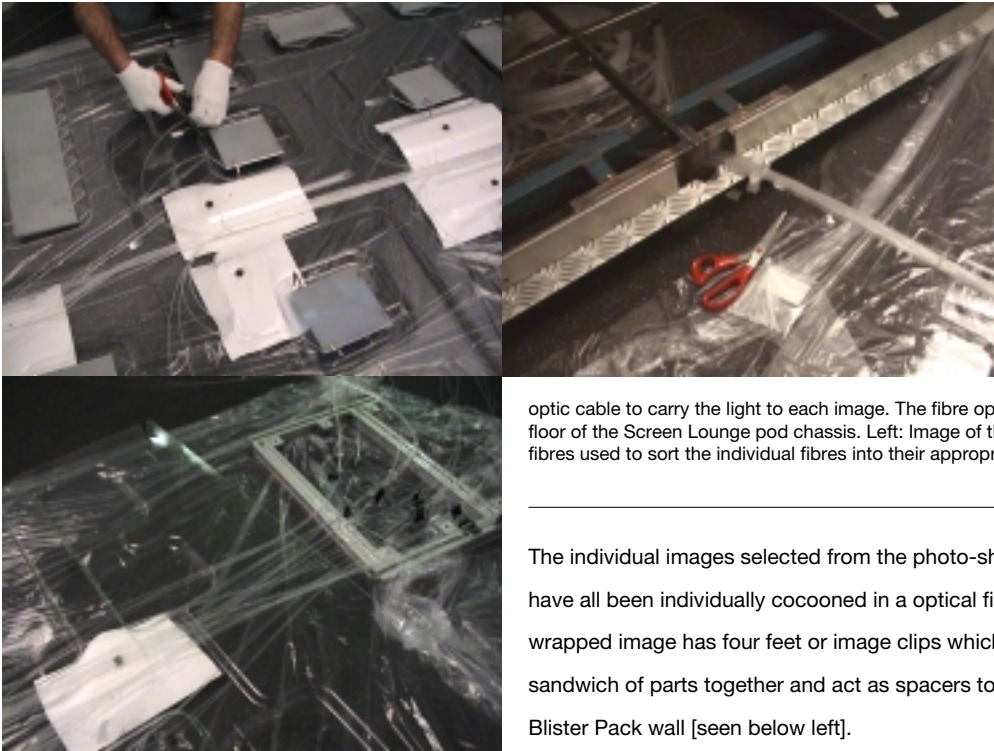
01.] Report on construction progress: Installation of the first Blister Pack wall fibre optic loom for Screen Lounge 01

29.08.03. On Friday 29 August Crowd installed the fibre optic loom for the first Blister Pack wall. The wall is designed to both attract and intrigue passers by and reflect the domestic scale and intent of the Screen Lounge pods. The fibre optic loom for each pod has 180 meters of fibre. Each fibre is cut the desired length to match the path required for light to travel from the Light Driver to each image light guide in the Blister Pack wall. These light boxes are designed to be turned on when the pod is unoccupied and turned off when the Screen Lounge pod is being used. When illuminated the images shine outwards and appear a milky colour internally. When switched off the images darken externally and appear in softer form internally, the idea being that while in use and occupied, the internal space benefits from a subtle presence of the domestic signifiers.



Left and above: Images of the first fibre optic loom and light guide installation into Screen Lounge pod 01. The uncoated optical fibres are visible through the

Blister Pack shell. The idea behind this design is to suggest the architecture of the printed circuit, and digital technologies role in modern imagemaking and to reference more organic archetypes like the diagrams often drawn of family trees.



Above from left: Laying up the fibre optic light guides and attached images into the base Blister and inserting the fibre optic cable to carry the light to each image. The fibre optic loom seen emerging from the floor of the Screen Lounge pod chassis. Left: Image of the spiders web like arrangement of fibres used to sort the individual fibres into their appropriate bundles

The individual images selected from the photo-shoot for the Blister Pack wall have all been individually cocooned in a optical fibre light guide and each wrapped image has four feet or image clips which both hold the image sandwich of parts together and act as spacers to float the image inside the Blister Pack wall [seen below left].



In order to provide further support to the Blister Pack to contain the image light guides Crowd has had fabricated Chicago push pins. These are pressed into position while the Blister Pack in on the ground after it has been assembled. Each Blister Pack is designed to have six pins [as seen above right].

02.] **Consultation with ACMI Stakeholders: Meeting with ACMI stakeholders and CMR. 20.08.03.**

On Wednesday 20 August Crowd met with ACMI stakeholders, PIVoD and CMR to discuss progress on construction and commissioning of the Screen Lounge pods. Crowd reported that the Blister Pack Wall installation would commence in the week of the 25 August. Crowd agreed to send a copy of the signed off floor plan for the Screen Lounge pod positions within the screen lounge to ACMI for notification of appropriate technical staff in preparing floor services for the pods in their final positions. Crowd will move the pods into their final positions in consultation with John Smithies CEO of ACMI and Michael Parry from PIVoD. Crowd flagged the concern that payment delays from ACMI could result in supplier delivery delays for Screen Lounge components.

03.] **Report on construction progress: The inflatable ceilings**

Atkins Fabrications have cut out the fabric for the next inflatable ceiling. We are now intending to cut out all three of the remaining ceilings. We have ordered further polyurethane fabric from Brisbane to complete this job. The ceilings are requiring more fabric than initially calculated and we are working with Tensys Engineering to see how to minimise this increase in material requirement.

04.] **Report on construction progress: Laser cutting the translucent acrylic partition screen.**

28.08.03. On Thursday 28 August Crowd received the laser cut translucent red acrylic components for fabrication of this translucent partition.

05.] **Report on construction progress: Anodising the Blister Pack top rail and acrylic partition core covers**

28.08.03. On Thursday 28 August Crowd delivered the aluminium top rail sections and the aluminium core covers for the translucent acrylic partition to Collins Anodic for anodising in a natural silver finish. This has been to maintain a uniform finish to these parts and integrate them into the overall appearance of the Screen Lounge pods.

