

43.01.10.03



ACMI Screen Lounges Progress report on construction

From **Crowd Productions**: A report on progress of research, design and construction work to [01.10.03](#)

01.] **Consultation with ACMI Stakeholders: Meeting with ACMI stakeholders and CMR. 17.09.03.**

On Wednesday 17 September, Crowd met with ACMI stakeholders and CMR to discuss progress on construction and commissioning of the Screen Lounge pods. Crowd submitted costs for variations to the Mantle Boot on Screen Lounge pod 01, foot rests for pods 01 to 05 and for the redesigned headphone jacks for all the pods. Crowd will now cost the protection cages for the Plasma screens in the open seater Screen Lounge pods 02 and 03 and present costings for enclosing these two Screen Lounges. Max Goode and Matthew Mulchay will develop a low profile design speaker tab to attach the speakers in the Screen Lounges to the Plasma screen and Crowd will cost up the fabrication of this material. Michael Parry from PIVoD is examining strategies to fan cool the client computer environments in the Mantle Boots. Crowd will discuss this with Michael Parry also. John Smithies expressed his desire to add extra guides to the Scissor Arm environment to prevent the arm from being able to contact the sides of the storage space. John also wants Crowd to consider, design and cost a mechanism to fold the LCD touch screen to a horizontal position when it is being stored to facilitate this procedure. ACMI requested that Matthew Mulchay be present at the site assembly of Memory Grid pod [04] as part of a familiarisation process for ACMI technical staff with regard to assembly and disassembly procedures for the Screen Lounge pods. In discussion with Spiro Economopoulos from ACMI it was decided that Crowd would meet with ACMI designer Athena to discuss the development of additional lumber support elements within the Screen Lounge pods. Crowd met with Athena. She will consult with ACMI stakeholders and develop a consensus solution from within ACMI. In discussions between Athena and Crowd a final design will be determined and Crowd will cost the construction of the finally agreed designs.

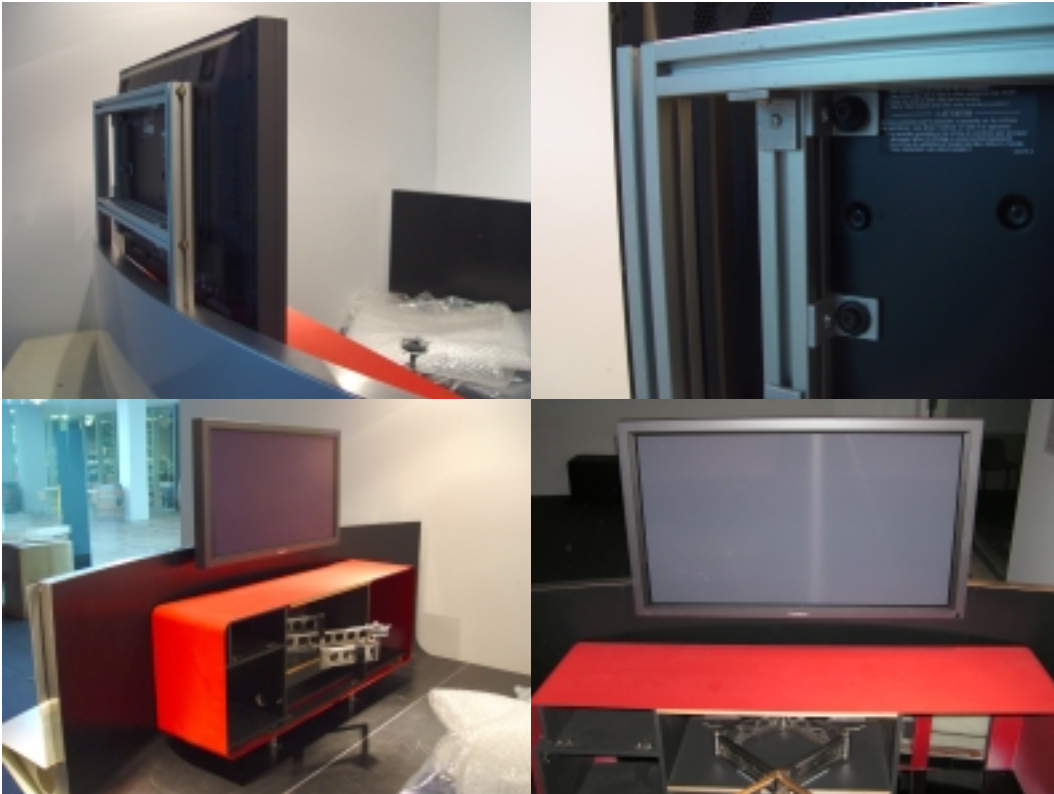
02.] **Report on construction progress: Assembly of the first Memory Grid pod [pod 04]**

Assembly continues on the first Memory Grid Screen Lounge pod [pod 04]. The porous louvre wall has been painted and assembled. The fibreglass skins and aluminium skins are being fitted in the week of 29.09.03. The stainless steel trims, headphone jacks, top rails, seat anchor points and floor trims will also be fitted. It is anticipated that this pod will be delivered on Friday 03.10.03.



03.] Report on construction progress: Fitting the Plasma monitor Roll Bar support assembly

On Monday 22.09.03 Matthew Mulcahy and a team from ACMI fitted the first AME Roll Bar Plasma monitor support assembly to Screen Lounge pod 02. The Plasma monitor was then fitted. The entire assembly is very secure and stable. Matthew is now looking for the missing AME sections delivered to ACMI earlier this year, that will allow him to finish of the second open seater Screen Lounge pod, Screen Lounge 03.



04.] Report on construction progress: Discussion with Michael Parry from PIVoD

25.09.03 On Thursday 25.09.03 Crowd spoke to Michael Parry from PIVoD about the commissioning of the Mantle Boots for Screen Lounge pods 02 and 03. Crowd discussed preliminary ideas about possible cooling strategies for the computers in these two Screen Lounges. Michael is investigating possible cooling fan strategies. Crowd will look at the possible design of a perforated metal client floor to facilitate airflow. Michael Parry will conduct an experiment to test whether removing the solid client floors will alleviate the lack of airflow and consequent heat build up. If this experiment is successful Crowd will cost a new perforated floor element and submit a variation proposal to ACMI.

05.] Report on construction progress: Storage of the mould for the Blister Pack Walls

23.09.03. On Tuesday 23.09.03 Crowd advised ACMI that Sky-Tec Plastics, the fabricator of the Blister Pack Walls, is no longer able to store the pressure moulds for that part at their factory and an alternate arrangement is required. ACMI is keen to reproduce the Screen Lounges in greater numbers at some later date and retaining this mould is essential to this program. Sky-Tec has submitted a proposal to Tony Batt at ACMI for funded storage, in order to save the mould for further use.
