

# Hemispherical dome adventures

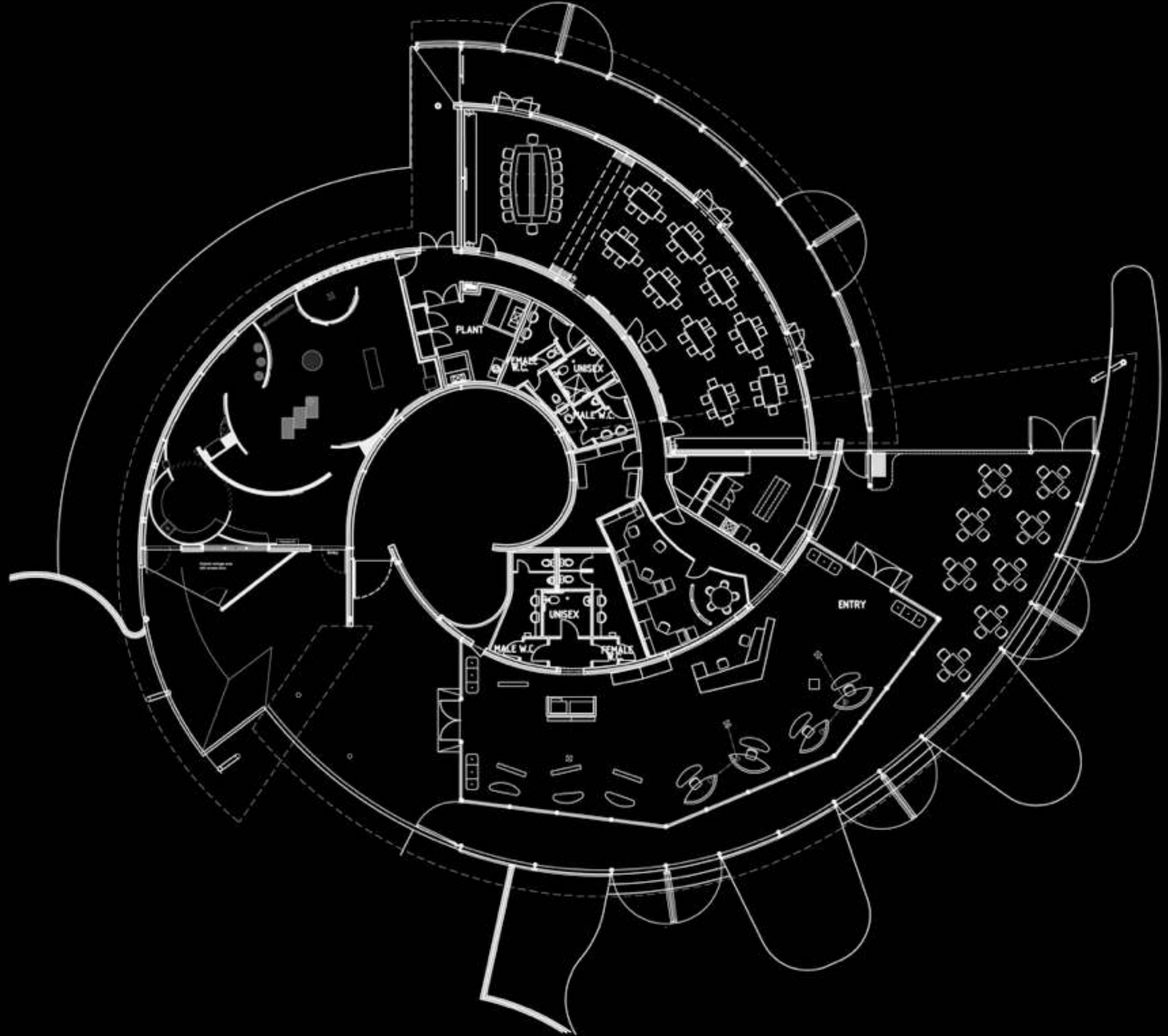
Peter Morse & Paul Bourke

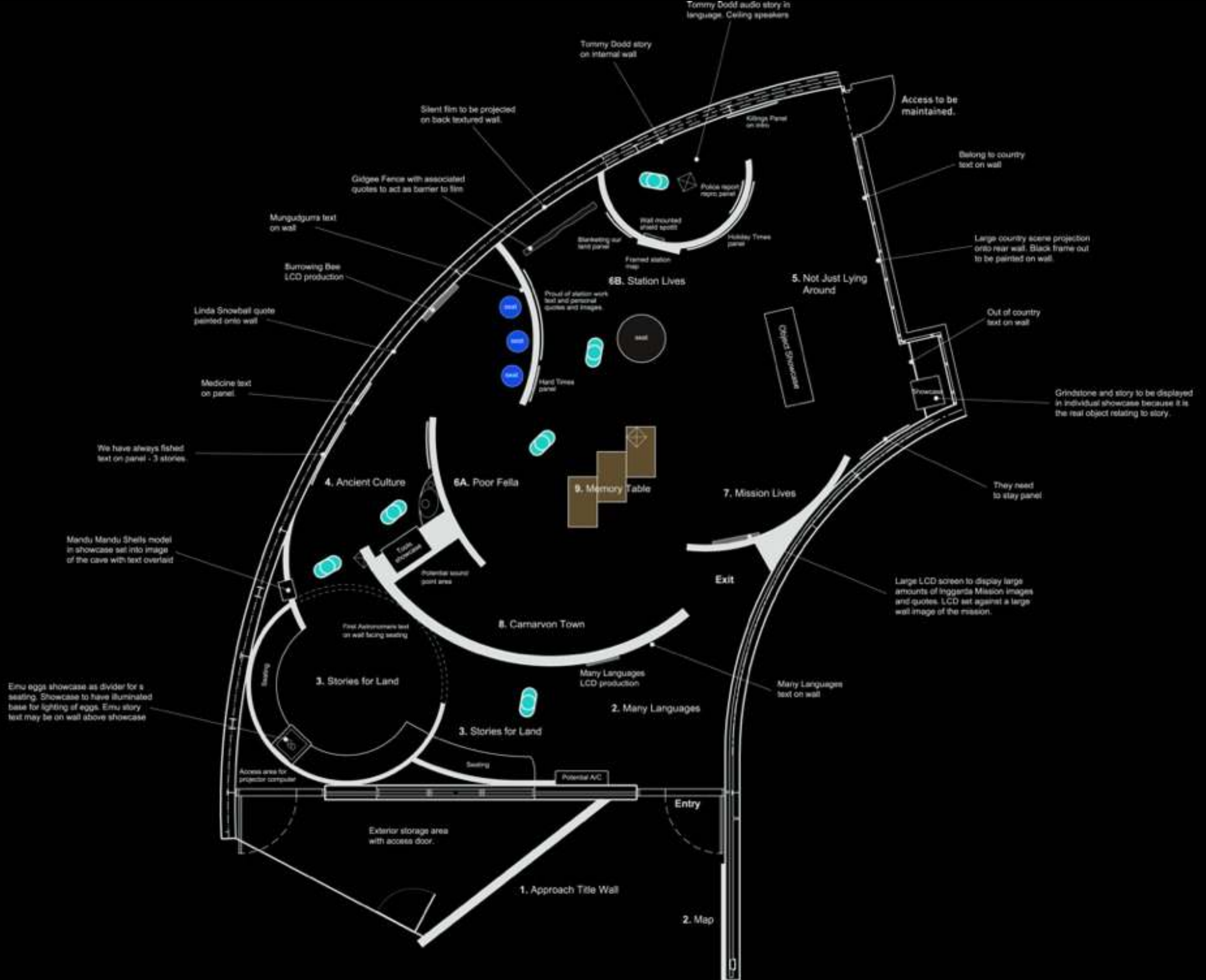
Gascoyne Aboriginal Heritage and Culture Centre  
&  
“Dark”







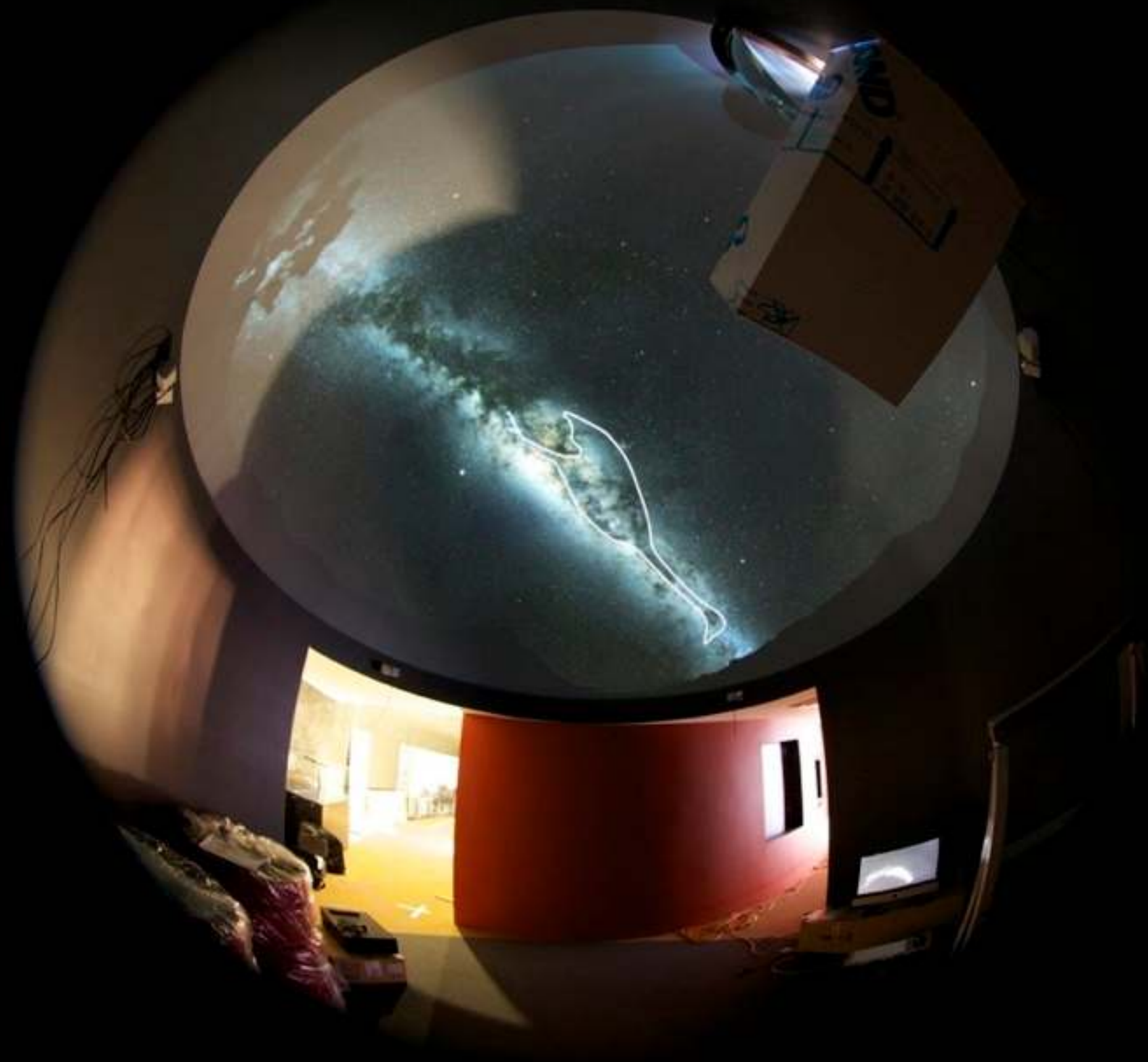








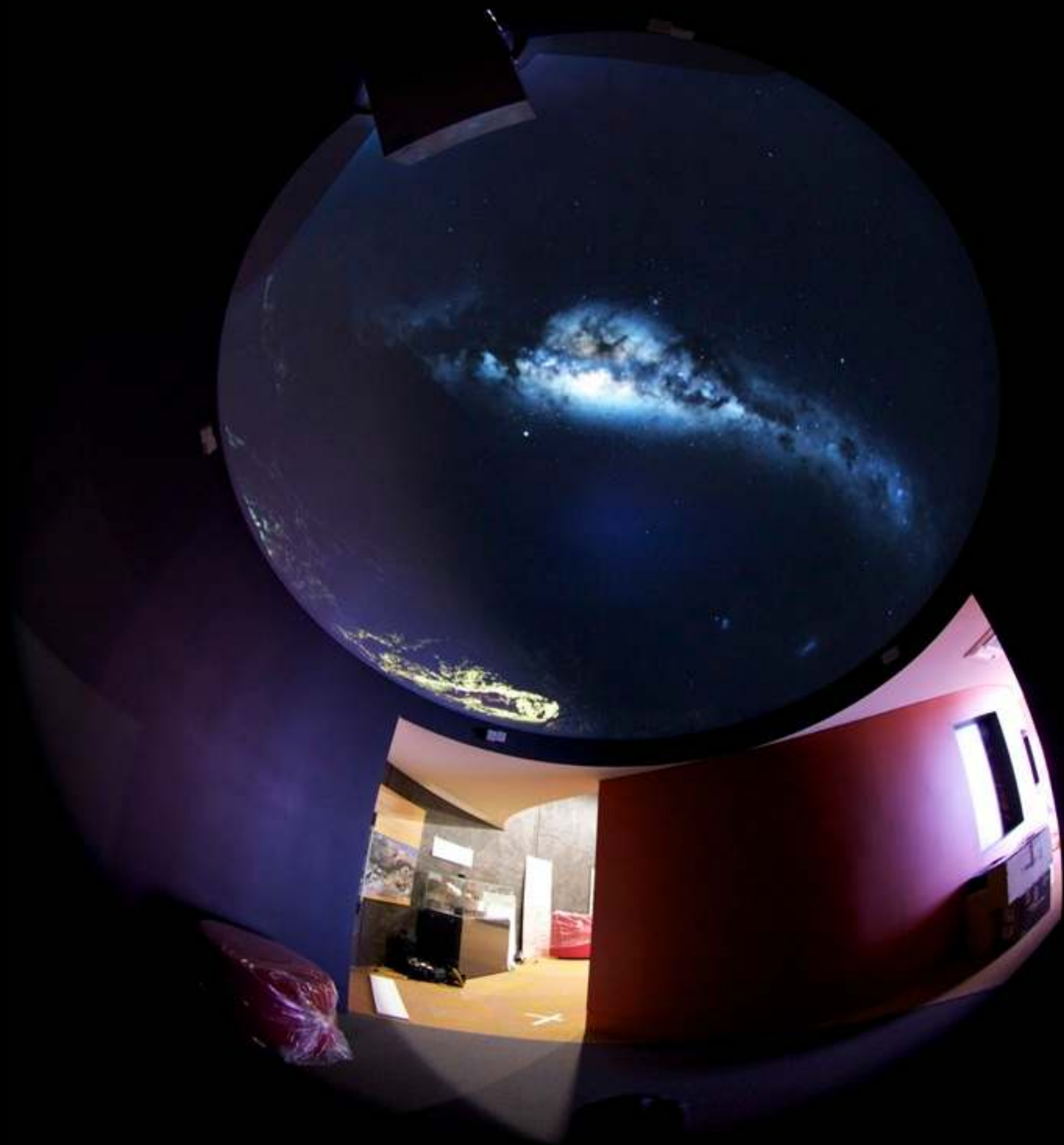






[movie]







[movie]







Also the home to the only life raft from the Kormoran



Project with Andrew Hutchinson and Andrew Woods (Curtin University)



# And understated memorial to the HMAS Sydney



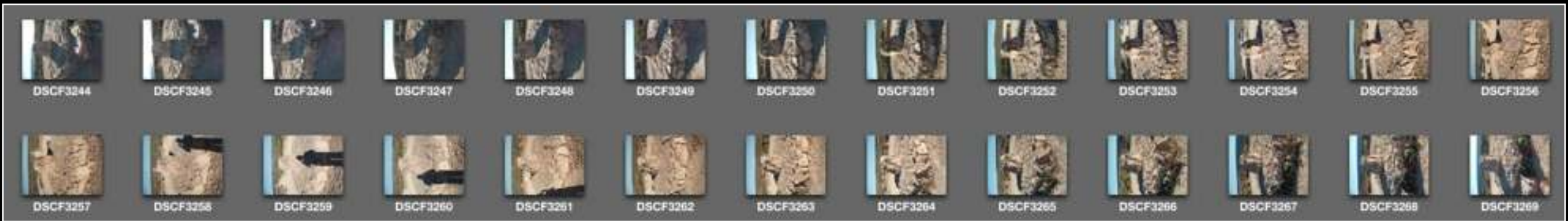
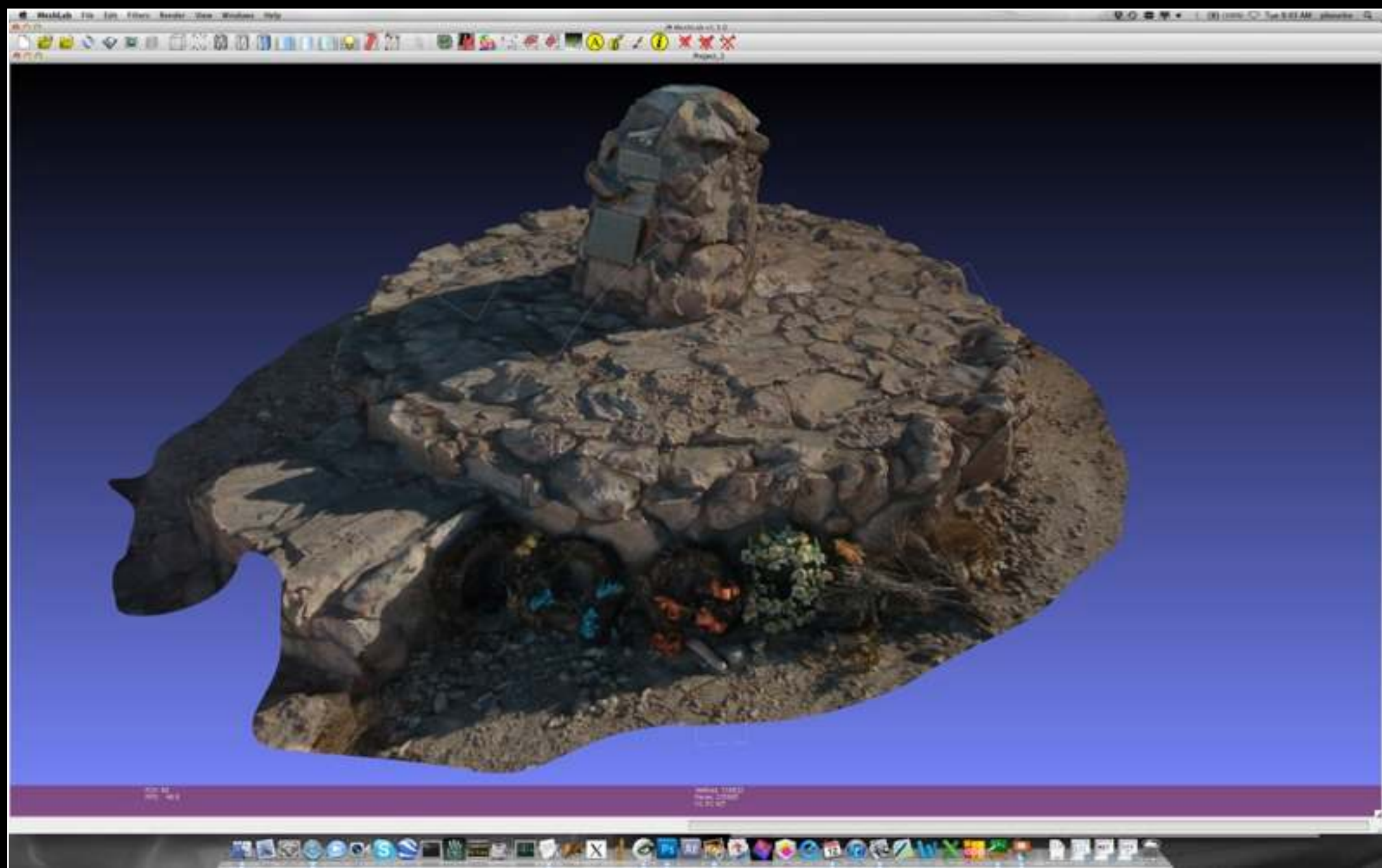


These details are all that is known of the sea battle ....





# 3D Reconstruction (Demonstration)



# A tough trip







VH-XUB

**Skippers**

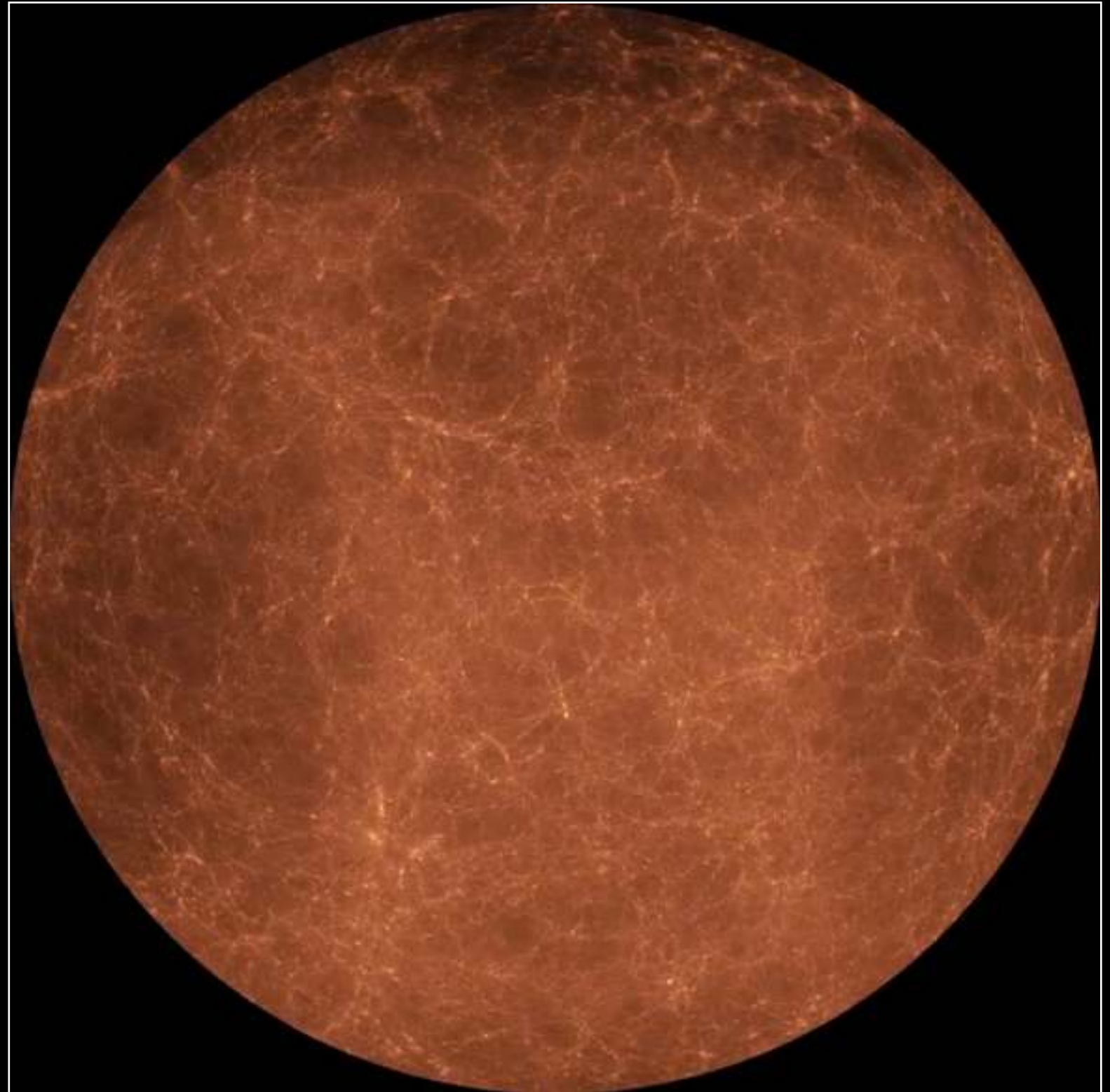


# Dark

- Fulldome (planetarium) show discussing Darkmatter.
- Production funded jointly by iVEC (visualisation budget 2009-2010) and Scitech.
- Based on simulations by Alan Duffy and collaborators, one performed on epic as part of the early adopters program.
- Team: Peter Morse, Paul Bourke, Carley Tillett (Horizon planetarium manager),
- Music by Cathie Travers.



# Simulations



[movie]





# Filming with the LadyBug-3 camera



Can generate any fisheye view





# Octagon scene

- Lotus sports car - courtesy of electric vehicle research Engineering UWA
  - disappointing ... it's totally quiet
- Octagon theatre UWA
- Industrial fog machine
  - that we didn't know how to operate



[movie]





# Parkes and ASKAP dish scene



# Launch

- Aiming to be complete this month.
- Launch “soon”.