b. Create digital representation of the communal sway in order to extract patterns.

3. Investigate potential treatment of the visual display using ferromagnetic fluid

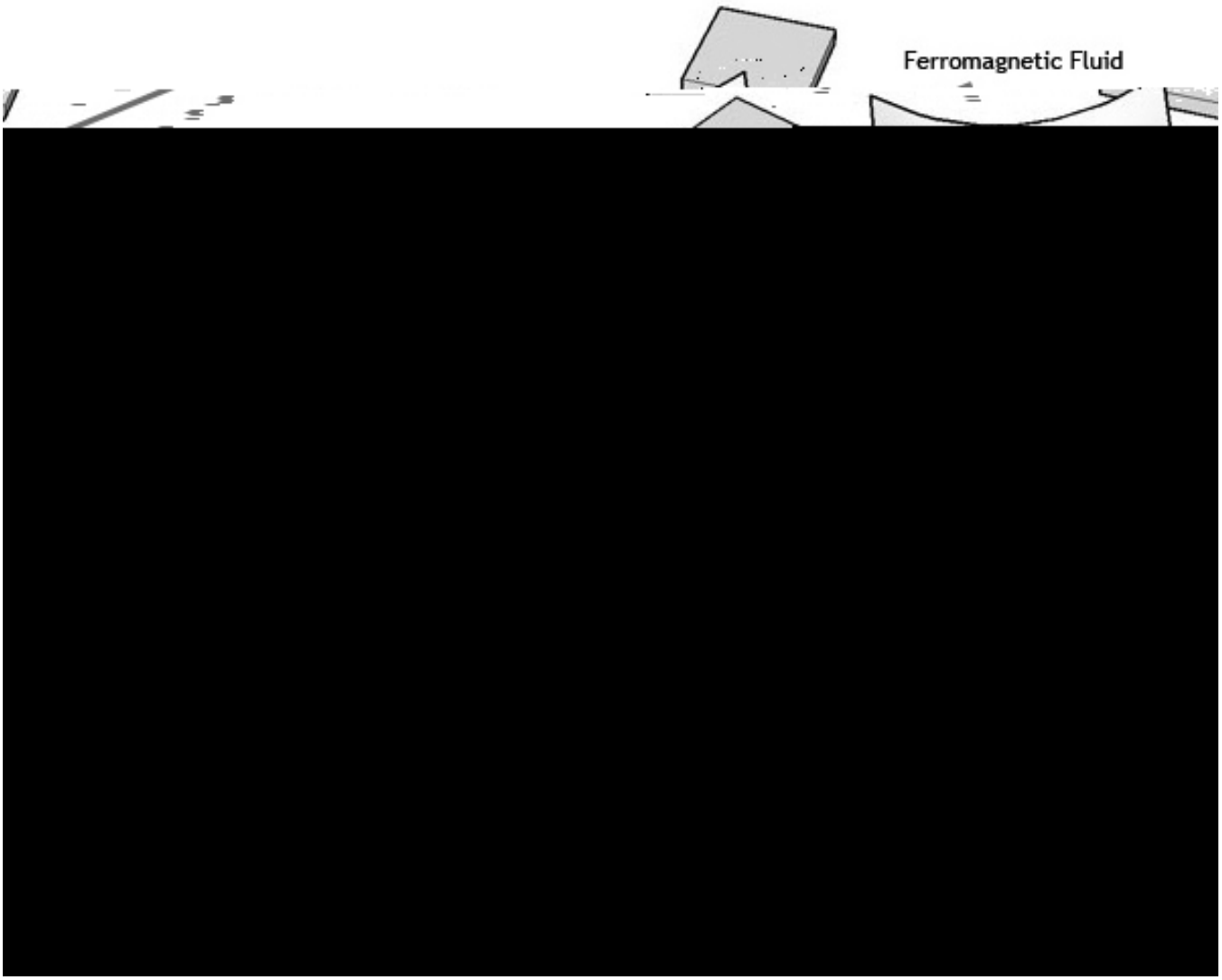
    a. Understand the characteristics in terms of material possibilities and limitations.

    b. Devise a way to convey the digital represenns 0 0 10.02 1569.6356 612.4408 Tm(d)Tj10.2 24-pre2.01 Tf0 10.02 15s.400 0 10.02 1569.6(s 0 0 1

Annex 1: Schedule and Milestones

Activity	Phase 1	Phase 2	Phase 3
Milestones: -small scale experiment with fluid and magnetic actuator -experiment with actuator shape, quantity, arrangement, fluid, and container form. - Set up for in-situ user studies including one sensing stand	3 weeks- by June 06		
Milestones: -developing software –sensor data to COP - perfecting load stands with multiple users -development of hardware for computer-controlled actuator array -Running of in-situ user studies ▲ Demonstration of operational single use sensing stand with the physical display		3-4 weeks – by Sept 06 ▲ Demo	
Milestones: -Integration between COP data and ferrofluid display -Exploring mapping		4 weeks – by Jan 07	

Annex 2: Installation Set-up



Annex 3: Examples of anim