

Figure 1. Clark's Ferry site on the Mississippi River, RM 468.2

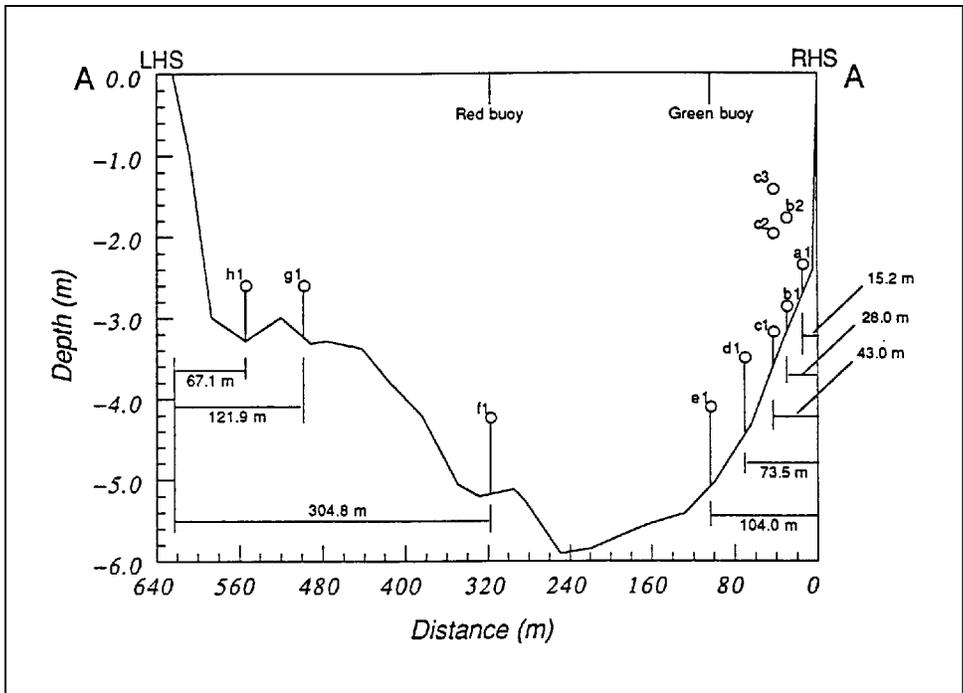


Figure 2. Cross section of the Mississippi River at the Clark's Ferry site for trip 1

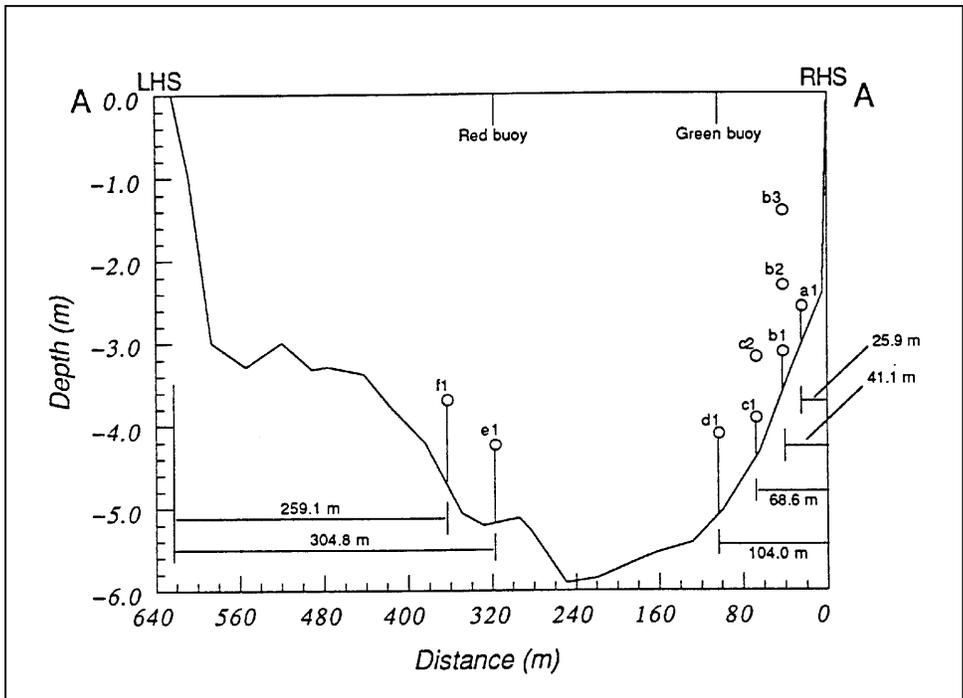


Figure 3. Cross section of the Mississippi River at the Clark's Ferry site for trip 2

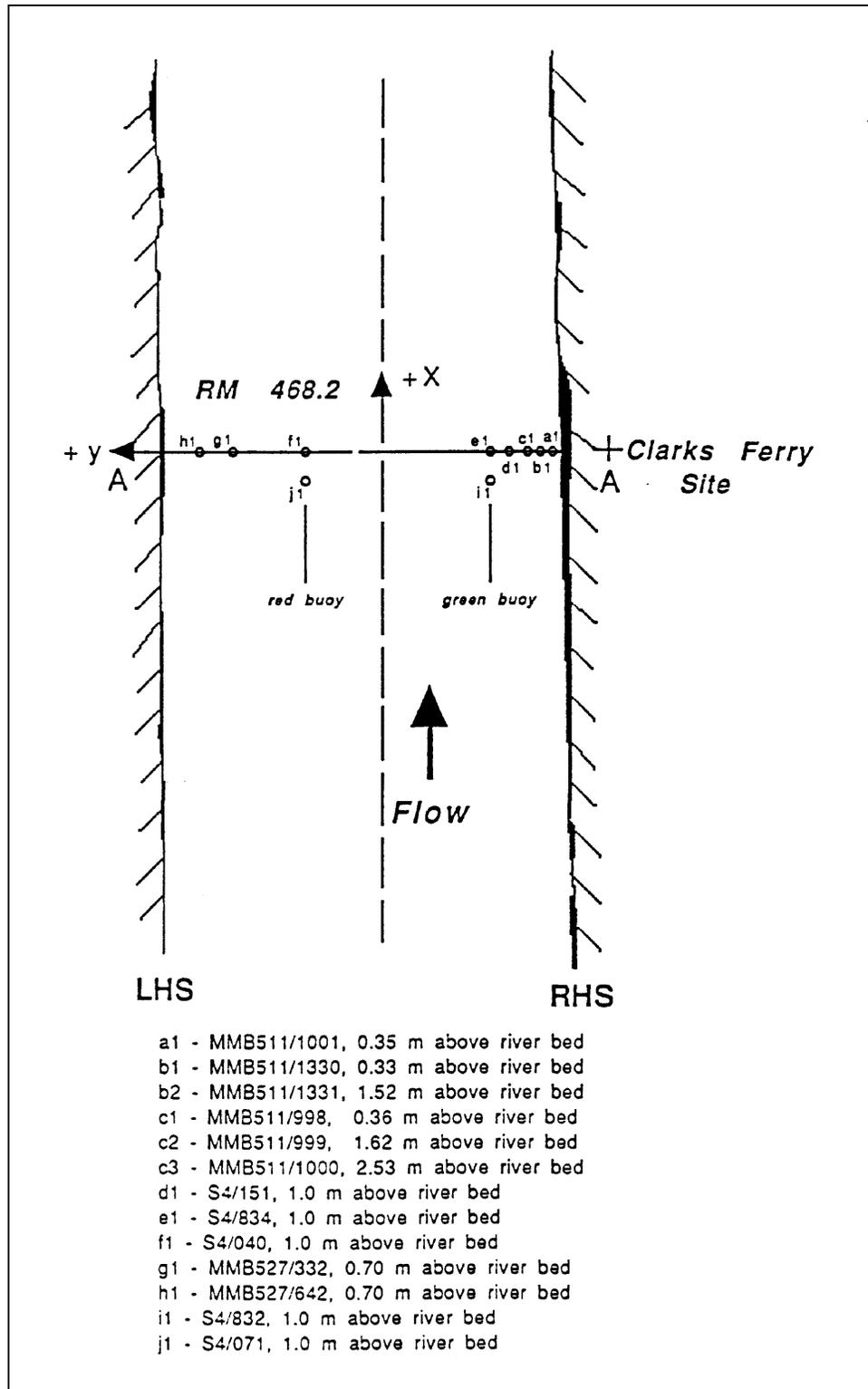


Figure 4. Plan view of the Clark's Ferry site for trip 1 (locations of the current meters are shown)

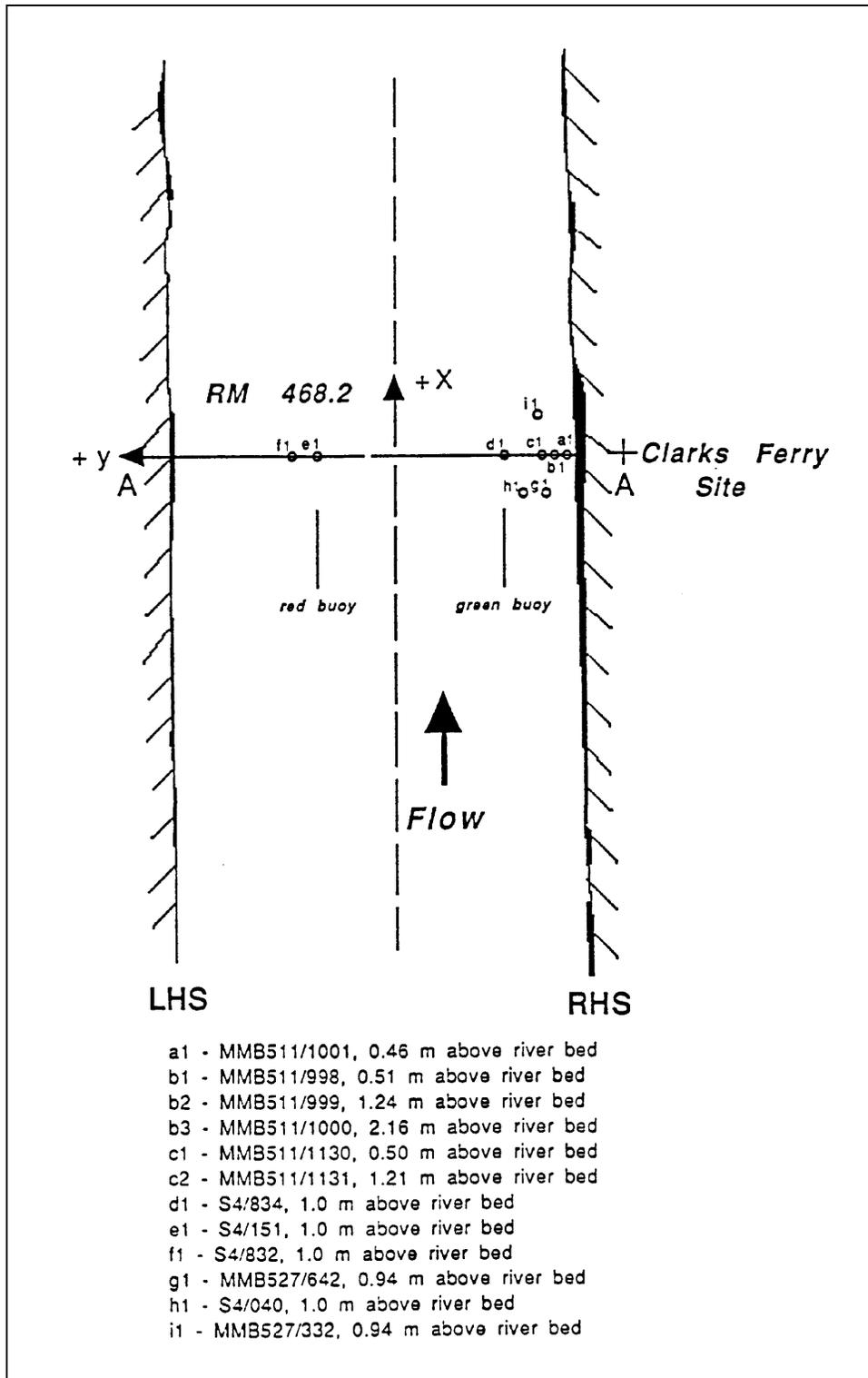


Figure 5. Plan view of the Clark's Ferry site on the Mississippi River for trip 2

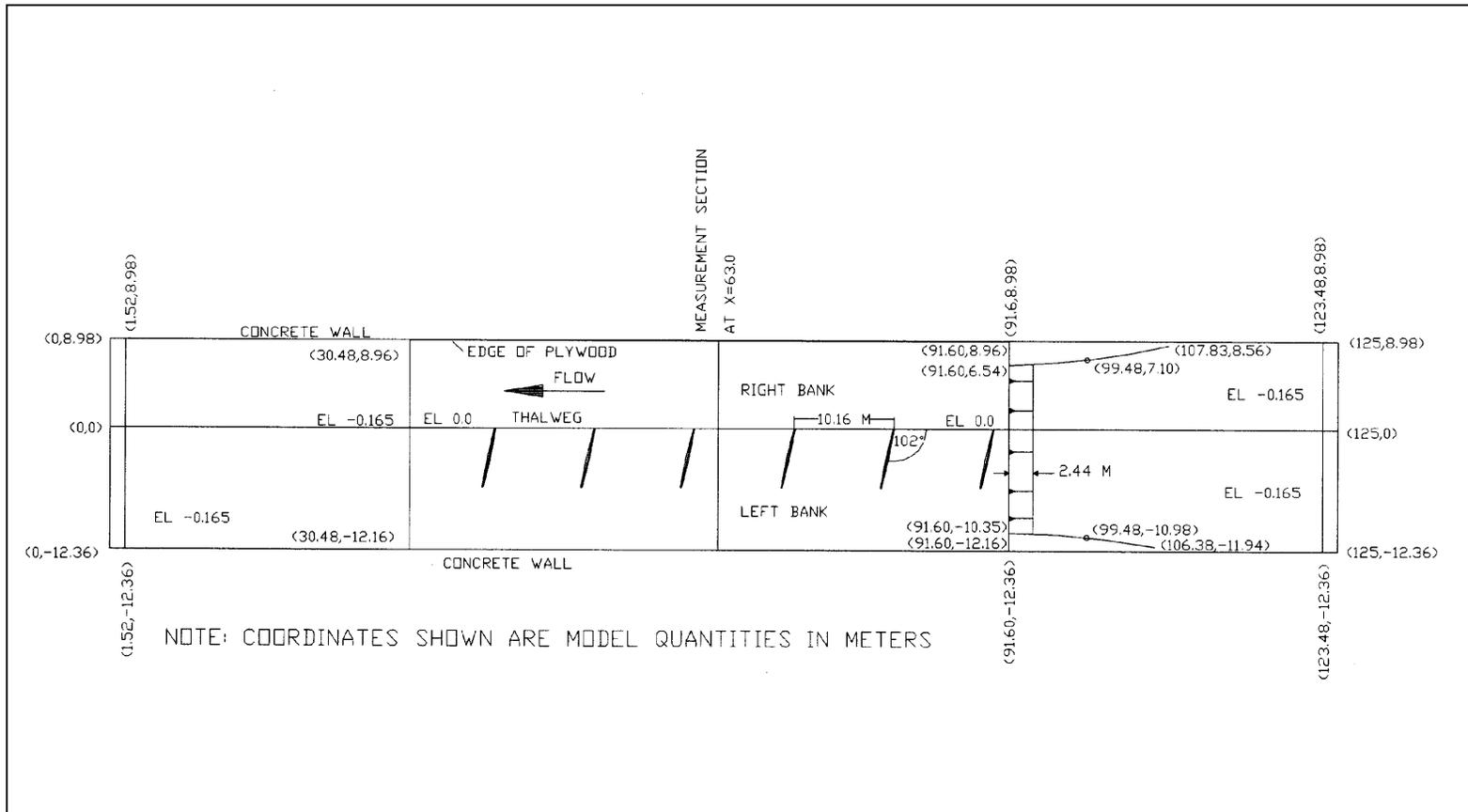


Figure 6. Plan view of 1:30 scale model of Clark's Ferry

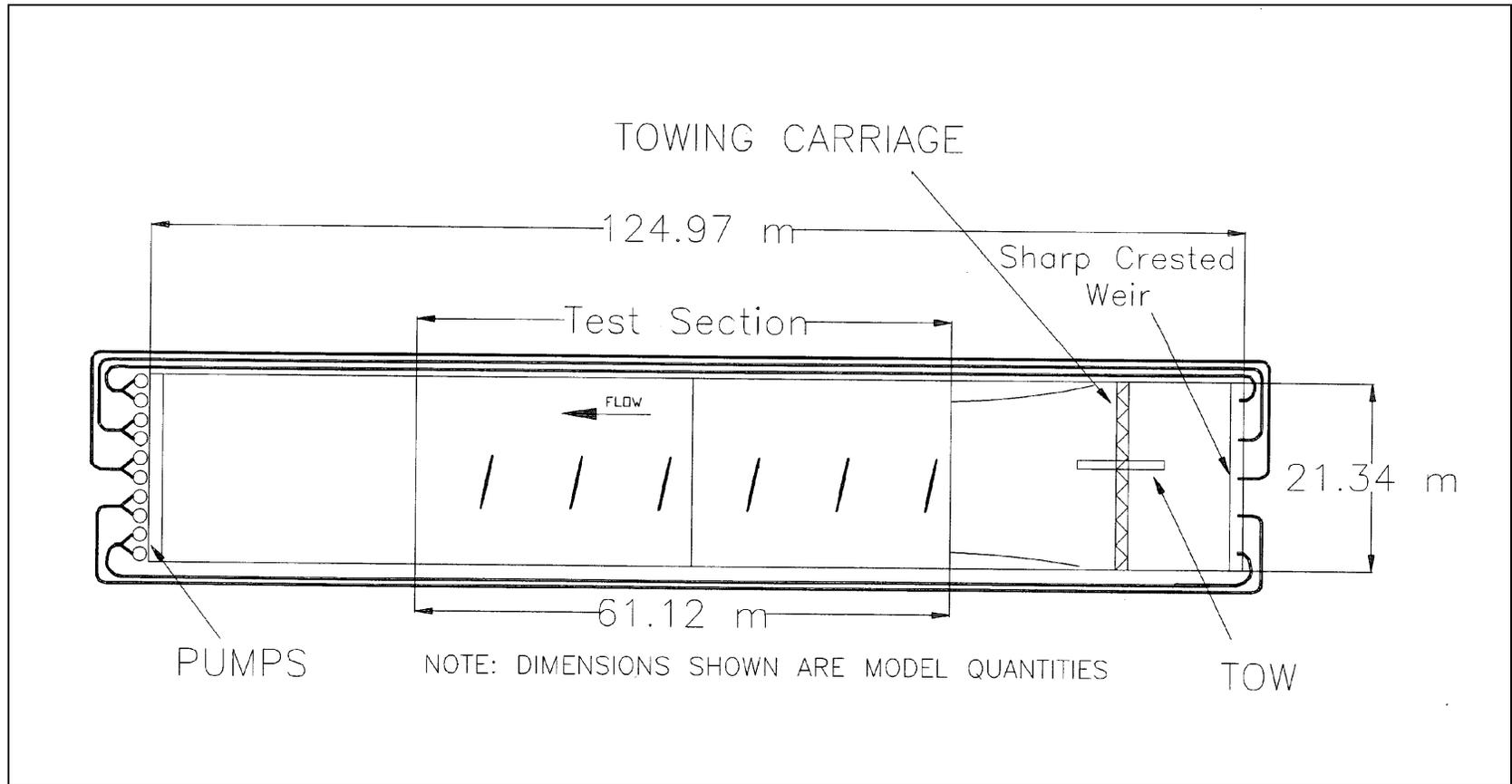


Figure 7. Schematic of navigation effects model

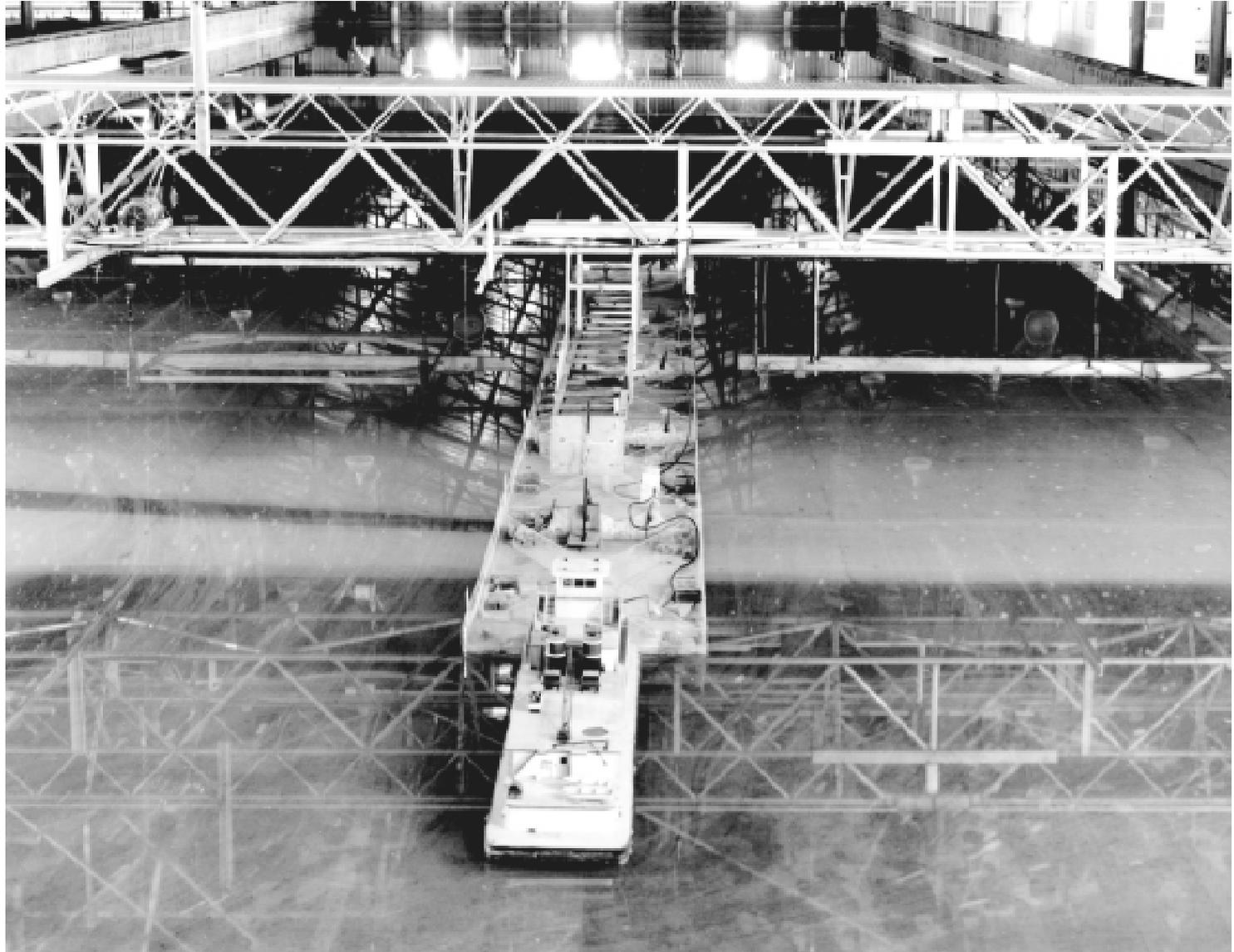


Figure 8. Tow effects flume looking downstream

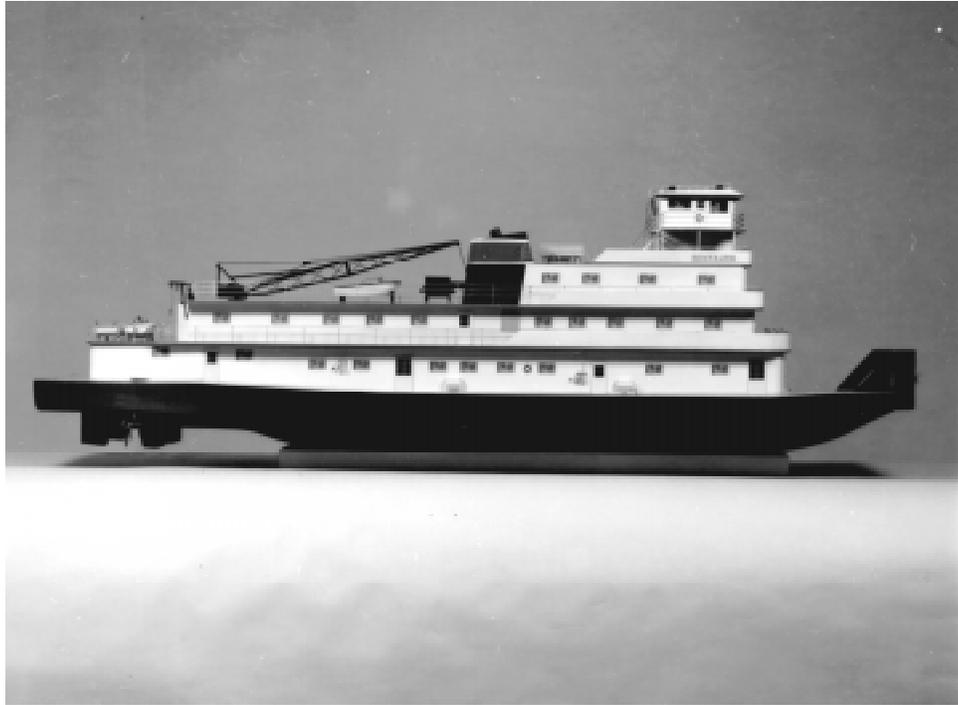


Figure 9. Model M/V *Benyard*

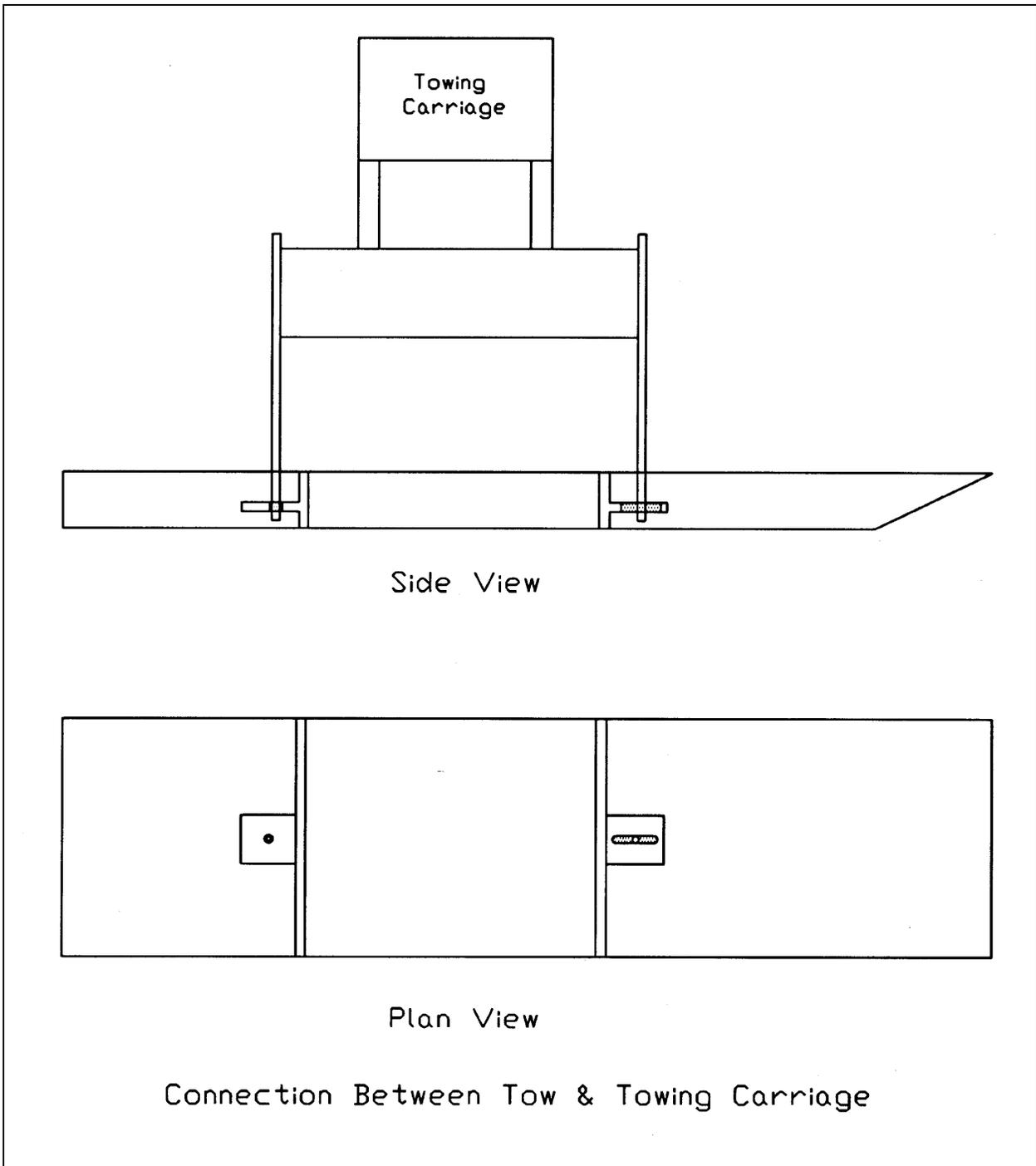


Figure 10. Connection between tow and towing carriage

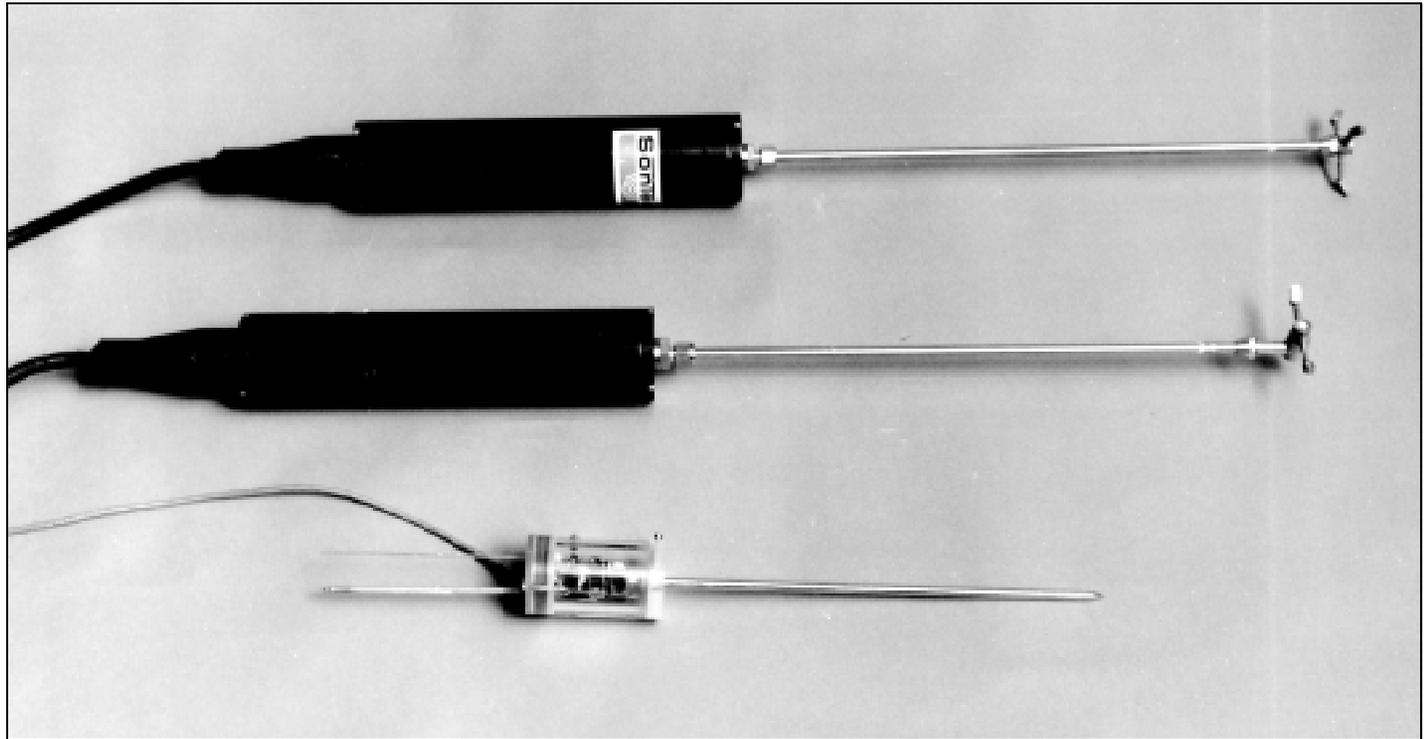


Figure 11. Photo of 2D, 3D ADV's and wave gauge

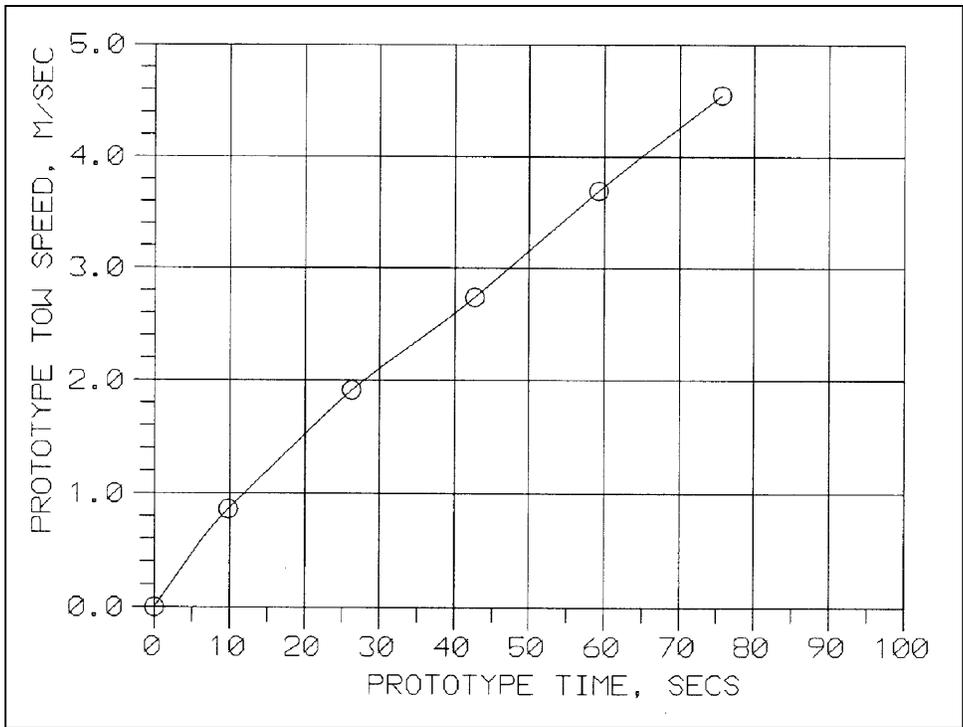


Figure 12. Acceleration of model tow

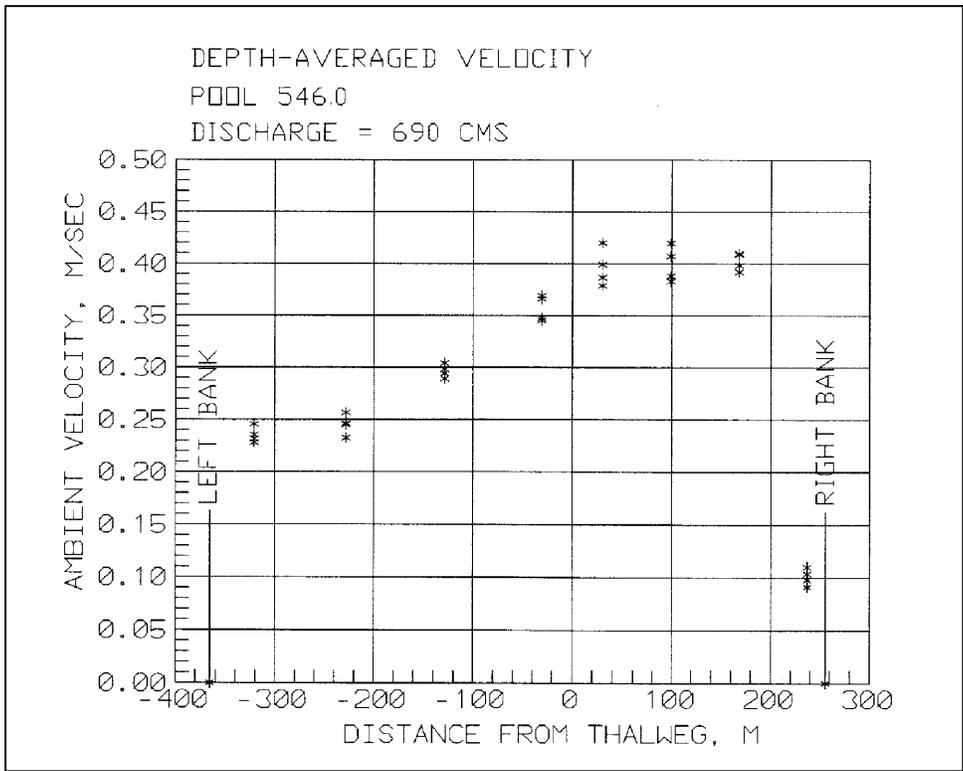


Figure 13. Depth-averaged ambient velocity distribution for Pool 546.0, Q = 690 cms

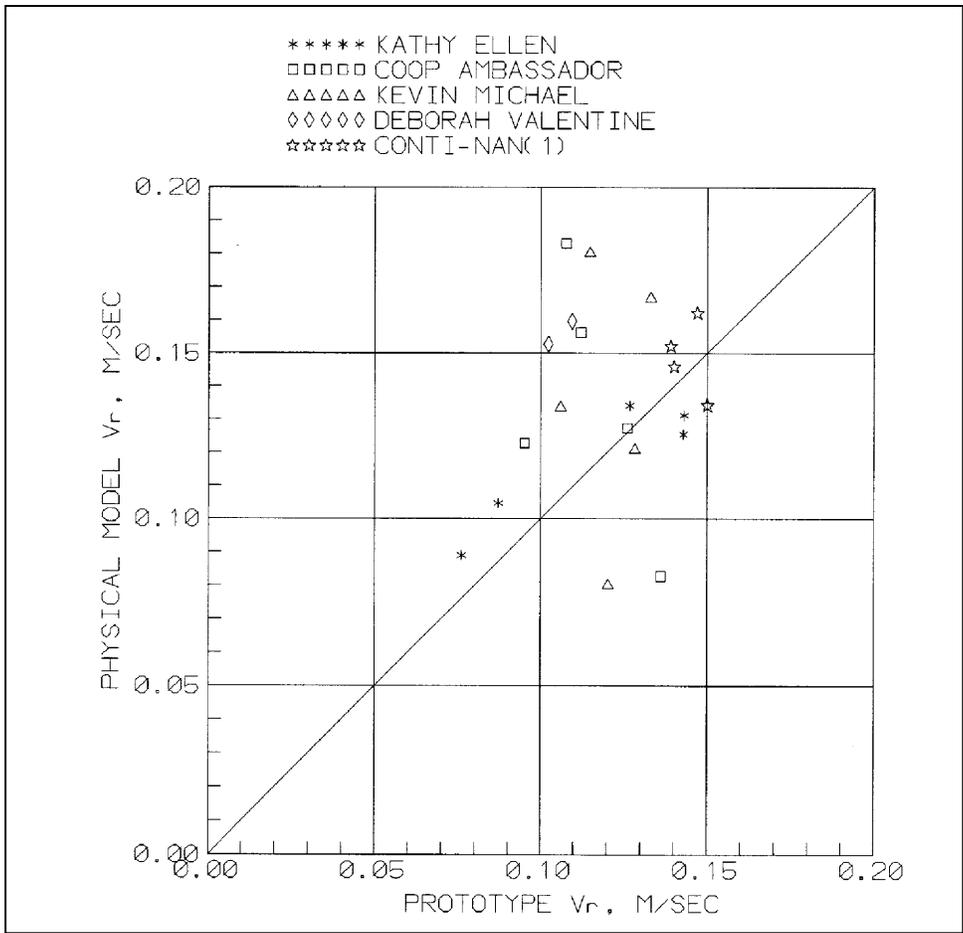


Figure 14. Trip 2 verification data, 2.74-m draft

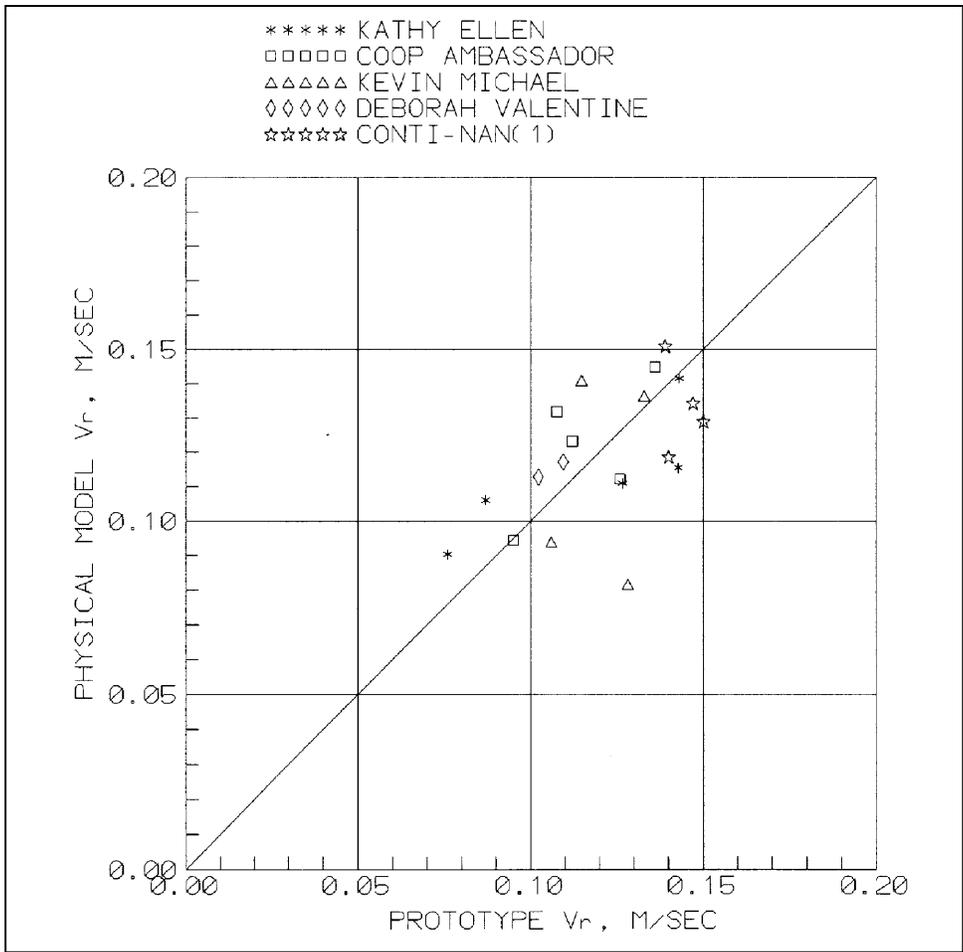


Figure 15. Trip 2 verification data, 2.13-m draft

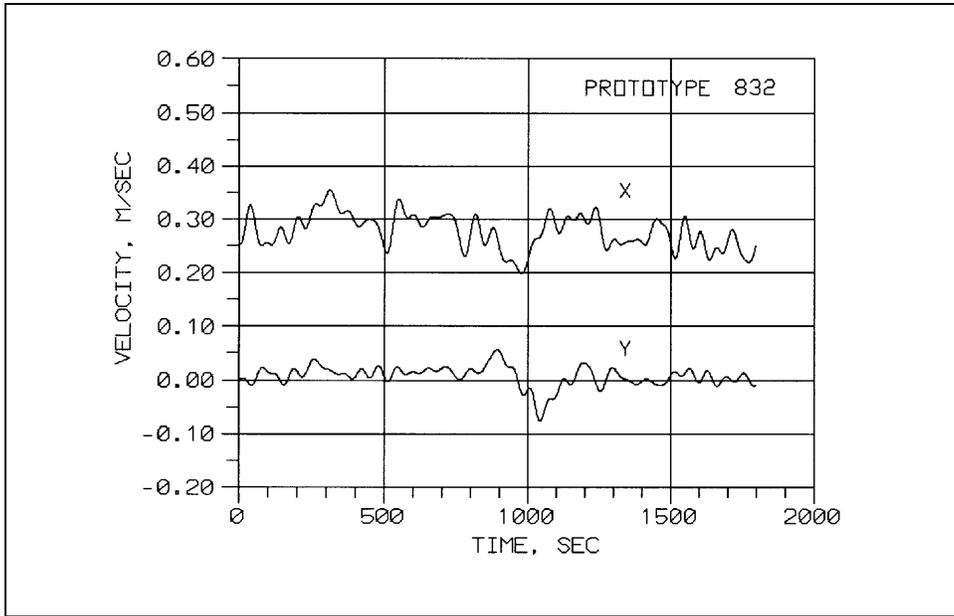


Figure 16. Velocity time history for *Coop Ambassador*, Probe number 832, prototype data

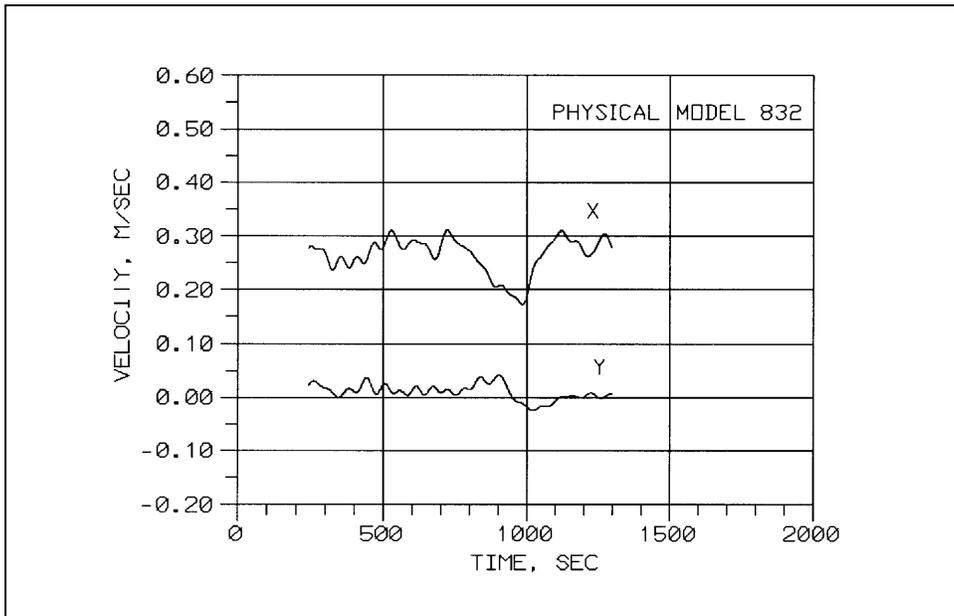


Figure 17. Velocity time history for *Coop Ambassador*, Probe number 832, physical model data

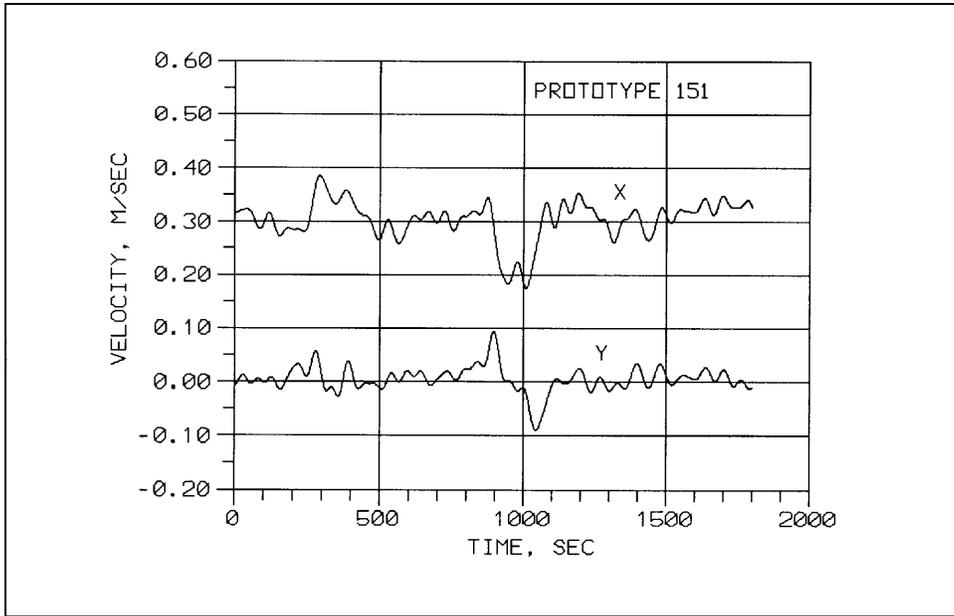


Figure 18. Velocity time history for *Coop Ambassador*, Probe number 151, prototype data

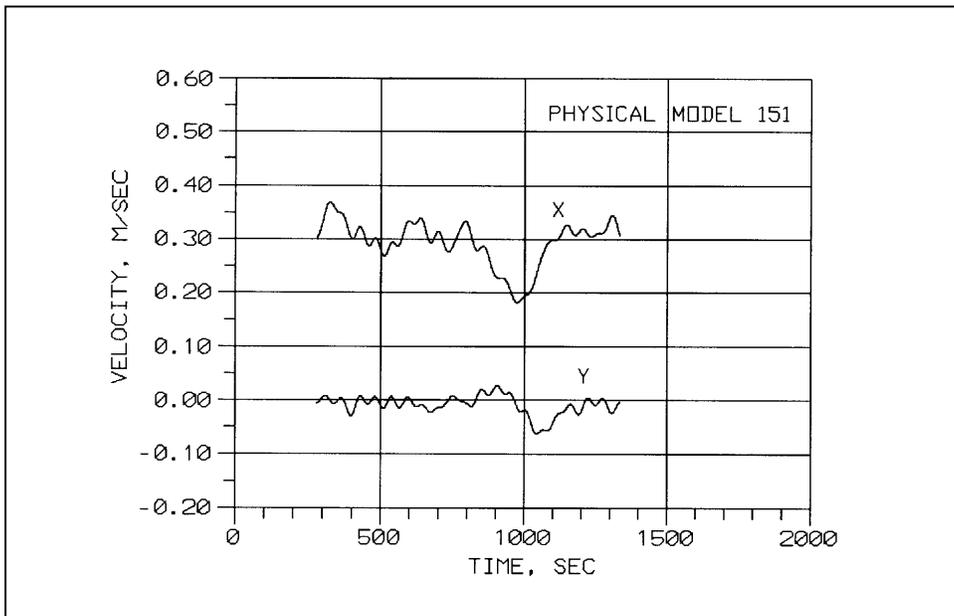


Figure 19. Velocity time history for *Coop Ambassador*, Probe number 151, physical model data

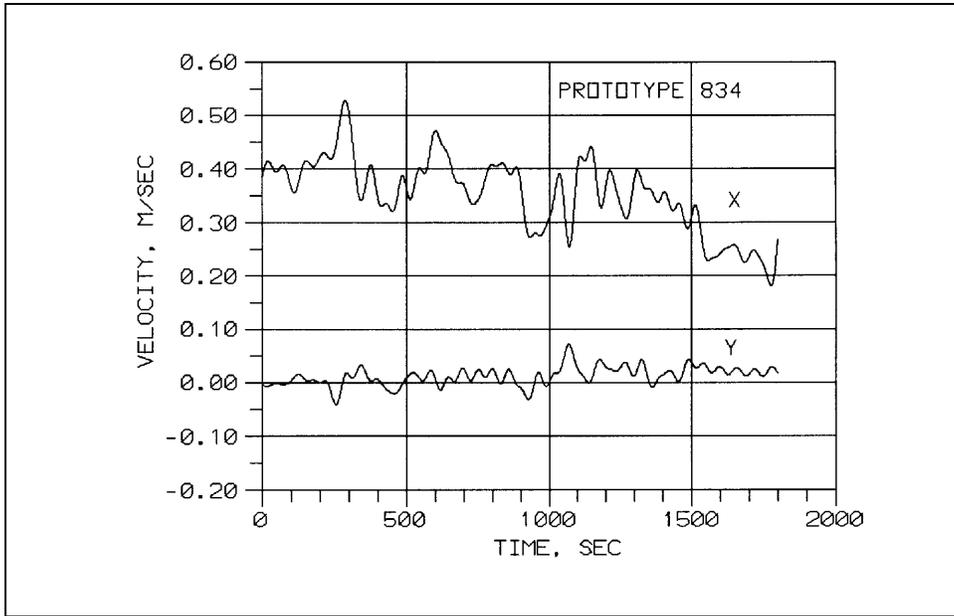


Figure 20. Velocity time history for *Coop Ambassador*, Probe number 834, prototype data

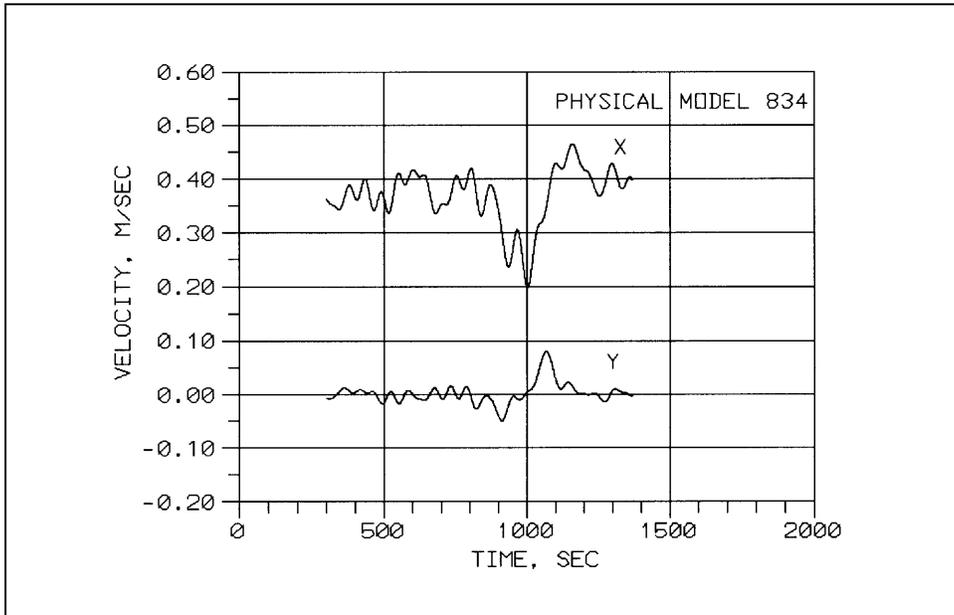


Figure 21. Velocity time history for *Coop Ambassador*, Probe number 834, physical model data

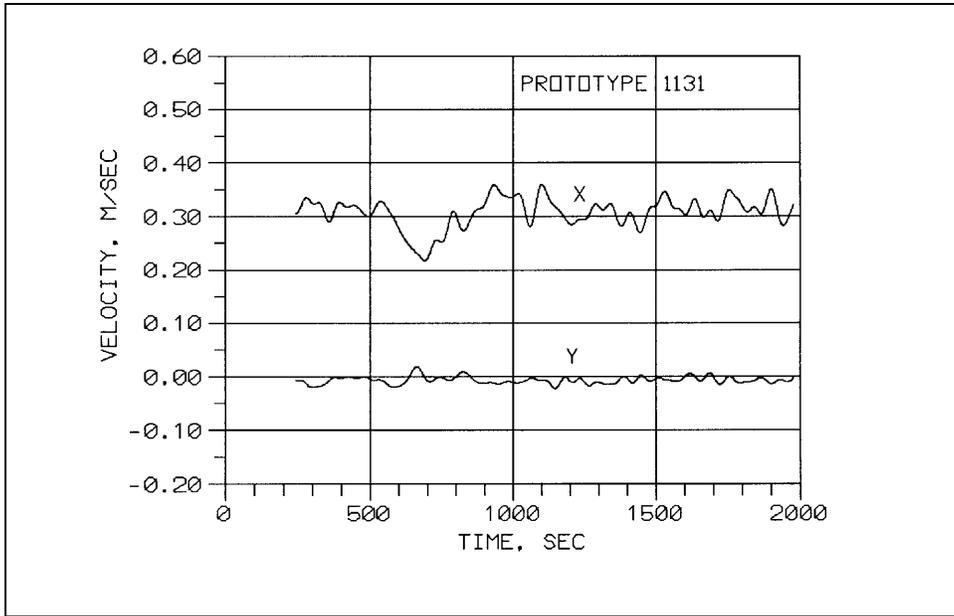


Figure 22. Velocity time history for *Coop Ambassador*, Probe number 1131, prototype data

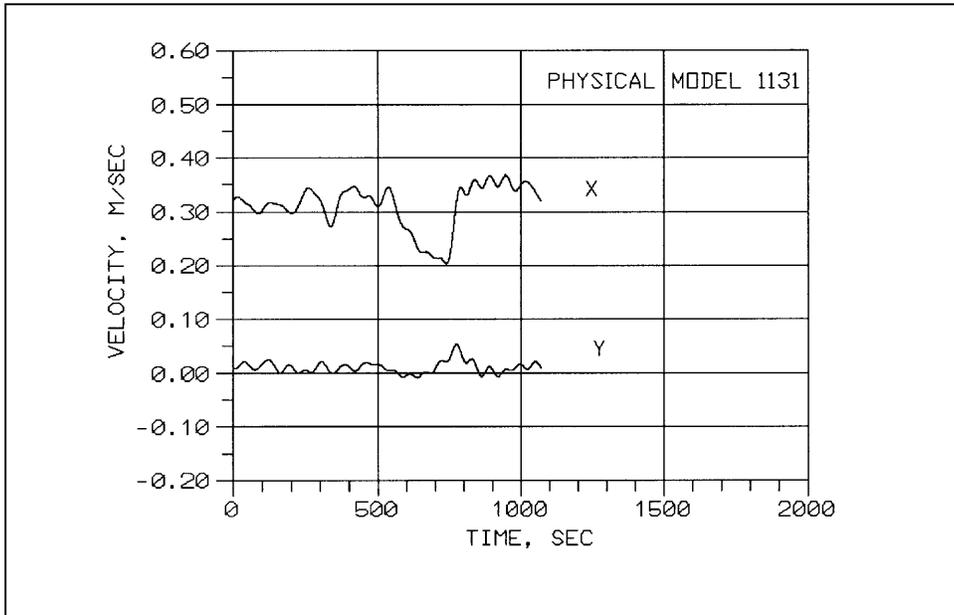


Figure 23. Velocity time history for *Coop Ambassador*, Probe number 1131, physical model data

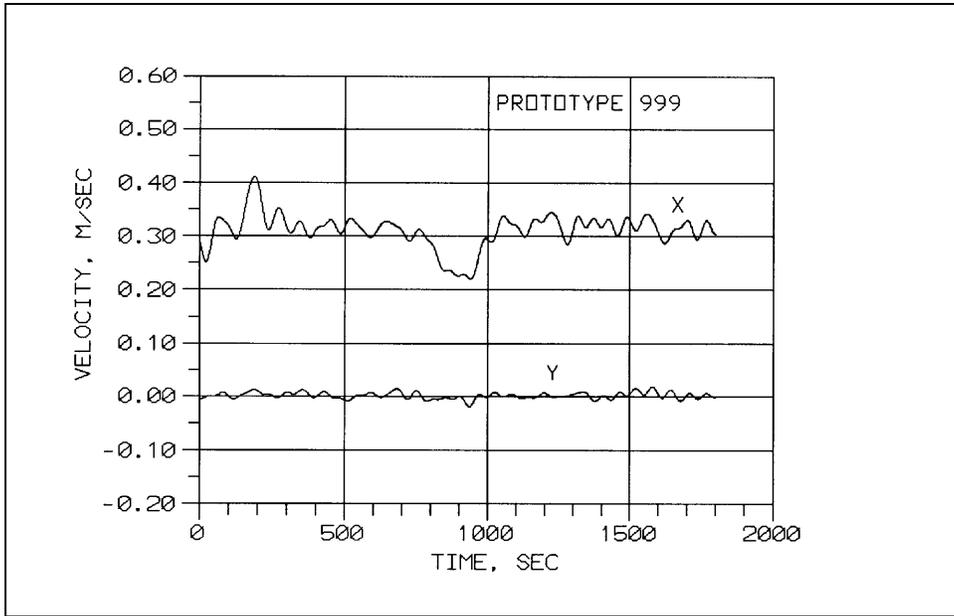


Figure 24. Velocity time history for *Coop Ambassador*, Probe number 999, prototype data

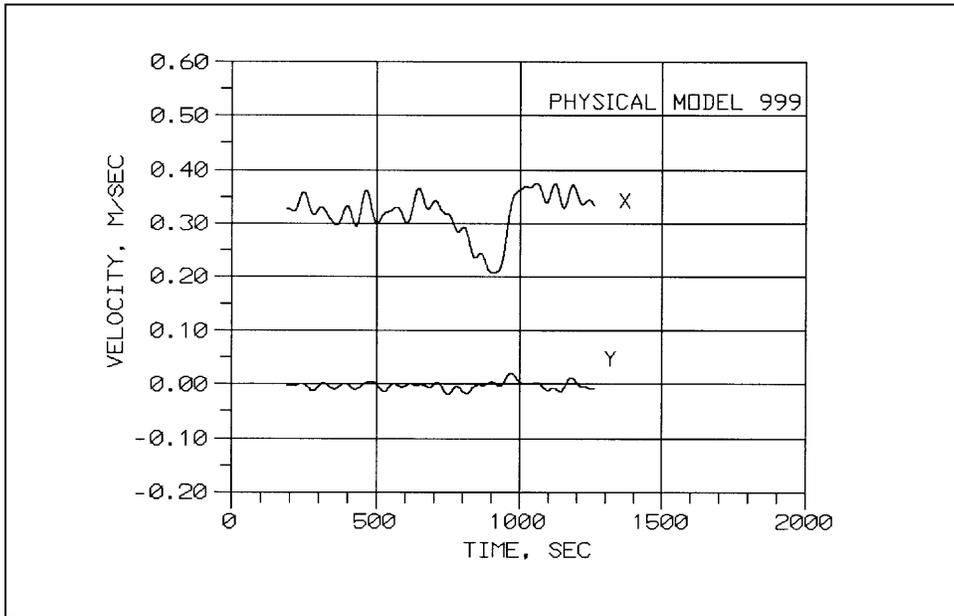


Figure 25. Velocity time history for *Coop Ambassador*, Probe number 999, physical model data