

## PASSENGER COMFORT DURING HIGH SPEED CURVING – SUMMARY REPORT

The tests were carried out to find the answer to two questions from the InterCity Sector:

- What is the present level of passenger dissatisfaction during curving and how does this vary with increased speed?
- What is the cause of this dissatisfaction and how can it be minimised?

Two series of tests were carried out, the first using an HST set with Mk3 coaches and the second using the tilting coaches of the APT-P development rake. The HST tests were conducted primarily on the Midland Main Line between Wellingborough and Leicester and the APT test on the West Coast Main Line between Preston and Carlisle.

Detailed descriptions of the organisation and running of the tests have previously been published. Similarly a report covering the detailed analysis and results has also been published. This report provides a summary of the principal results and contains the conclusions and recommendations.

The report provides lengthy conclusions, and a set of two recommendations that it suggests “will allow a small increase in train speeds whilst minimising any increase in passenger dissatisfaction.”