

Budget Bid, Tenet MapRite (Supporting Information)

Positional Accuracy Improvement (PAI) is a phenomenon facing the vast majority of local authorities in the country. It is a direct result of the Ordnance Survey (OS) using more advanced surveying techniques to create their digital mapping products. This increase in accuracy presents local authorities and other digital map users with a problem. Any Council data captured to the old OS products will no longer fit the newly mapped OS data. Unfortunately the difference between points on the old maps to points on the new is not consistent and can be as much as 10 metres positional difference. A diagrammatic example is presented below to demonstrate the problem. Note the differences between object locations in the old and new maps are not consistent.

The problem therefore is to convert all our existing data so it fits to the new OS data. This can be achieved with the help of Tenet MapRite software. This process could be done manually but the software is a cheaper and quicker option. It has been used successfully at Barrow Borough Council with favourable reports.

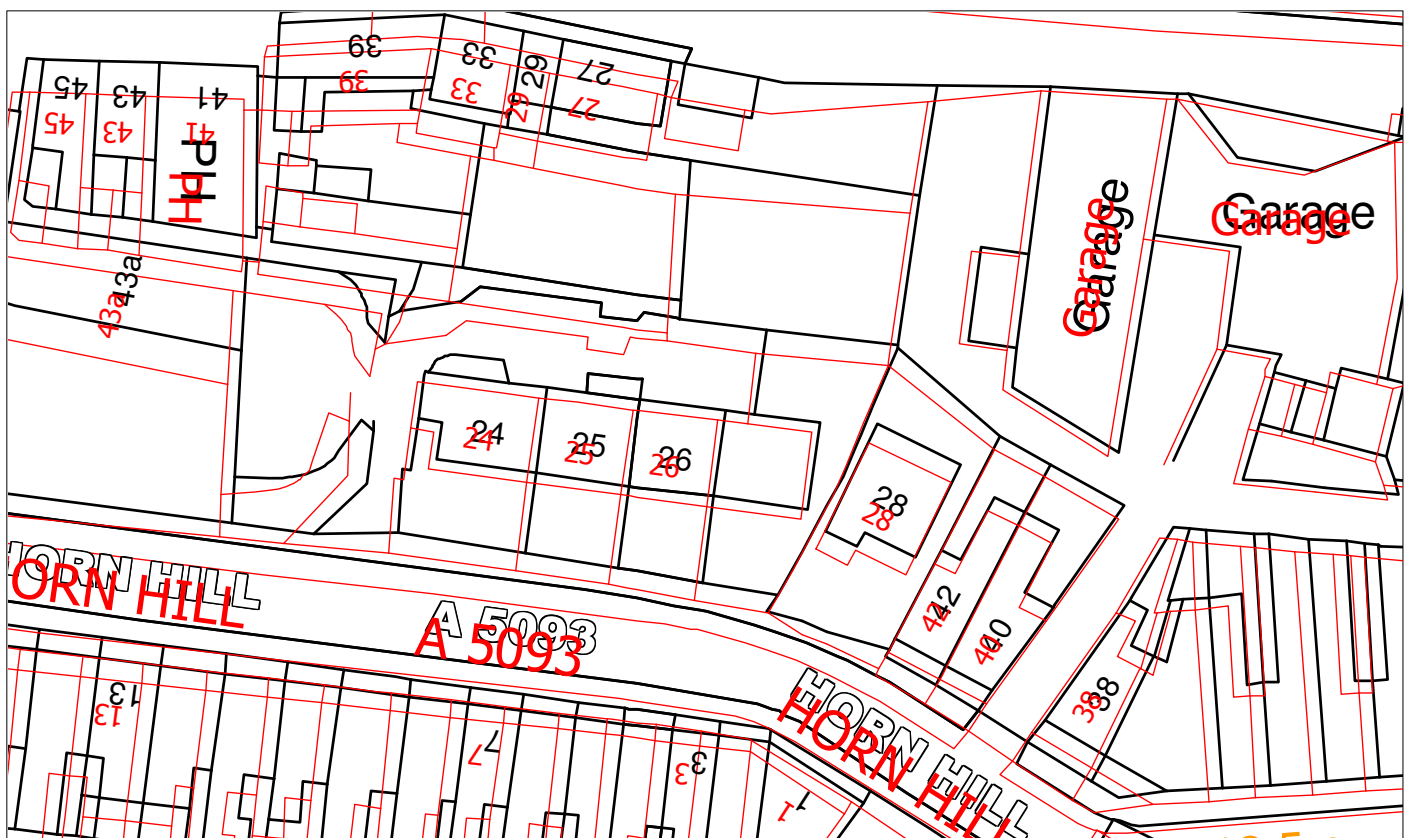


Figure 1 – The problem of PAI. The black outline is the old OS data. The red outline is the new OS data.

If the current data capture officers contracts are extended then there will be no need to employ any additional members of staff to complete the necessary work. For further information on the NLPG or LLPG please see the Corporate GIS Strategy.