



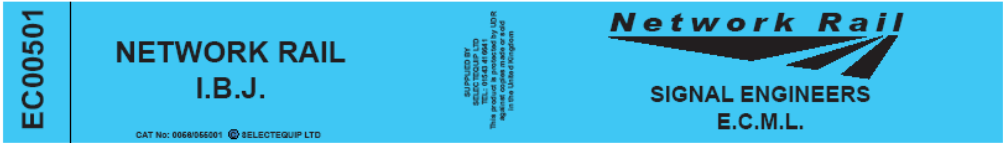
IBJ Identification System

A new initiative developed in cooperation with Network Rail ECML designed to reduce the number of track circuit failures caused by defective Insulated Block Joints. Each IBJ is uniquely identified with a durable Gravoply plate (as illustrated) fixed to the nearest sleeper. Each joint is surveyed and identified on a diagrammatic plan of the area and any minor repairs carried out where required and electrically tested. It is then entered into an IBJ database and the Ellipse system.

Typical layout engraved onto 2-ply 1.6mm Gravoply



Defects that cannot be rectified during initial survey are identified by a blue tag, as shown below, with a unique sequential reference number, and fitted around the Pandrol clip. The second part is detached and returned to the office with a priority reference M1, M3, M6 or M12.



| | | | |
|----------------|--------------------------------------|-----------------------------|--|
| EC00501 | NETWORK RAIL DEFECTIVE I.B.J. | | |
| | P WAY SM AREA _____ | TYPE OF RAIL _____ | |
| | IBJ No _____ | DEFECT/S _____ | |
| | SITE _____ | PRIORITY M1,M3,M6,M12 _____ | |
| | LINE/ELR _____ MILES/YARDS _____ | DATE _____ | |
| ADJACENT _____ | REPORTED BY _____ | | |



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