

Justification:  
Instruction  
**(Maintenance)**

**Private Owner  
Circular Letter  
552 Issue 2**

This document is the property of Network Rail.  
  
It shall not be reproduced in whole or in part, nor disclosed to a third party, without the written permission of the Owner.  
  
© Copyright 2005 Network Rail.

Title

**Gloucester GPS  
Bogie Frames  
Visual Inspection  
and UT/MPI  
procedures**

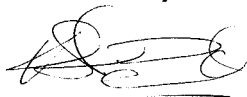
**ENDORSEMENT & AUTHORISATION**

**Endorsed by:**



.....  
D. Minshull, Senior Standards Engineer

**Authorised by:**



.....  
K. Stannard, International Vehicle Engineer, RS&VE

## 1. INTRODUCTION

POCL 552, Issue 2 updates the procedure for Visual Inspection, Ultrasonic Testing (UT) and Magnetic Particle Inspection (MPI) of Gloucester GPS 20 bogie frames only. The original issue of PO/CL 552 dated 1 December 1994 and the follow-up letter from the Engineering Link dated 30 June 2000 are both superseded.

**Note:** Vehicles fitted with the original Gloucester GPS 25 and 22.5 bogies previously identified as having particular problems with bogie frame fractures (and belonging to the PWRA) have now been scrapped, withdrawn, or stored. These shall not be accepted for re-registration unless authorised by the Senior Standards Engineer.

Vehicles fitted with an improved design of Gloucester GPS 25 bogies shall only be allowed to operate in service provided:

- The Senior Standards Engineer has been advised of the details.
- Such vehicles shall be maintained strictly in accordance with their certificated maintenance plans.

The only vehicles fitted with an improved design of Gloucester GPS 25 bogies that the Senior Standards Engineer has been advised of are:

VTG 27005  
VTG 27006  
VTG 27008

## 2. SCOPE

This instruction applies to all PWRA registered vehicles fitted with Gloucester GPS bogies that operate on Network Rail controlled Infrastructure.

## 3. IMPLEMENTATION

This document shall be implemented immediately.

#### **4. PROCEDURE**

The procedure is detailed in INIDAM TP-UT-26-03 Issue 3, Revision A which is attached. The periodicity for carrying out the inspections and procedures shall be as follows:

Visual inspection	- Every 2,400 miles.
MPI	- Every 14,000 miles.
UT	- Every 56,000 miles.

Any GPS bogie found with cracks shall be withdrawn from service immediately and the event reported to the Senior Standards Engineer as a matter of urgency.

In the event of any query arising, or clarification required, please contact:

Senior Standards Engineer  
PWRA Management Group  
Room 225 Derwent House  
rtc Business Park  
London Road  
DERBY  
DE24 8UP