



Acceptance National Specialist Team  
Network Rail,  
Floor 4, 40 Melton Street  
London.  
NW1 2EE

## Acceptance Advice Note (for Network Rail users)

From: Acceptance Specialist

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Date: 04.12.07

This advice note provides appropriate background information and any specific action that may be required in accordance with the **attached certificate**. It will enable you to meet your obligations in meeting the requirements of the Network Rail procedure NR/CS/ACC/029 (formerly RT/LS/P/029).

Certificate Ref.	Issue	Product
PA05/02695	2	CAT and Genny 3 Cable Location Equipment.

Manufacturer		
Radiodetection Ltd Western Drive Bristol BS14 0AZ		
Telephone: 0117 988 6247	Fax: 01275 55 0004	<a href="mailto:Martin.barry@radiodetection.spx.com">Martin.barry@radiodetection.spx.com</a>

### Background/Reason for Issue

Radiodetection Ltd have revised the product configuration which is reflected on page 3 of this certificate. The PADS catalogue numbers shown in issue 1 are not to be used.

### Network Rail action

**THE CERTIFICATE CONTAINS CONDITIONS TO BE COMPLIED WITH AND THESE SHOULD BE READ BEFORE PROCUREMENT AND USE OF THE PRODUCT.**

Acceptance Specialist



Acceptance National Specialist Team  
Network Rail  
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London. NW1 2EE

## Certificate of Acceptance

Certificate No: PA05/02695 Issue: 2 Date: 04.12.07  
Effective date: 04.12.07 Page 1 of 4

<b>Product:</b>	CAT and Genny 3 Cable Location Equipment.
<b>Manufacturer:</b>	Radiodetection Ltd Western Drive Bristol BS14 0AZ

***The product above is accepted for use on Network Rail infrastructure within the defined scope of acceptance and any specific conditions in the certificate. Failure to abide by the certificate requirements may lead to acceptance by Network Rail becoming invalid.***

### Scope of Acceptance

- Accepted for use on or about Network Rail controlled infrastructure (AC-electrified, DC-electrified and non-electrified lines) when used as recommended for the detection of buried services and in conformance with Network Rail Company Standard NR/SP/BUS/011.
- It should be noted that UPVC pipes will not be detected using cable and pipe locating equipment, and that the equipment cannot be relied upon to locate signalling and telecommunications cables.

### Specific Conditions:

Refer to the pages which follow for the general conditions of use and the product configuration.

Authorised by:

Allan J Jones CEng, MIMechE  
Head of Rail Vehicle Engineering



# Certificate of Acceptance

Certificate No: PA05/02695 Issue: 2 Date: 04.12.07  
Effective date: 04.12.07 Page 2 of 4

## **SPECIFIC CONDITONS**

### **MANUFACTURER**

**Radiodetection Ltd** shall:

- ensure that the latest relevant standards/ drawings are available and worked to, and that the product is compliant.
- notify the Network Rail Acceptance Specialist identified in the Acceptance Advice Note:
  - within 48 hours, of any deficiencies affecting the product quality, functionality and safety integrity of the product (including corrective action undertaken or proposed).
  - of any intended change to the accepted product. Changes include:
    - a) a change to the product configuration (to the actual product or its application);
    - b) a variation to or addition of manufacturing locations or processes; and
    - c) a change in the name or ownership of the manufacturing company.
- provide operating and maintenance manuals to purchasers/users of the product.
- provide training manuals and an appropriate level of training to purchasers/users of the product.

### **USER CLAUSES**

#### **GENERAL**

- Direct connection to safety critical signalling circuits shall only be carried out by signalling technicians certified competent to do so.
- Signal Clamps are not to be applied to railway signalling cables.
- It should be noted that UPVC pipes will not be detected using cable and pipe locating equipment, and that the equipment cannot be relied upon to locate signalling and telecommunications cables.
- Equipment operator(s) shall ensure that all staff required to use the equipment are suitably trained and competent to do so.
- Equipment operator(s) to have Safe Systems of Work in place for **ALL** operational circumstances on Network rail infrastructure.
- Equipment operator(s) shall ensure that equipment is maintained in accordance with the Manufacturers recommendations.
- All staff required to use the equipment shall be suitably trained and, where appropriate, qualified as competent to use it.
- Equipment to be repaired / serviced by the manufacturer or their nominated agent only.
- Each party in the Network Rail supply chain procuring and receiving the product is responsible for ensuring that it is fit for purpose and that the application of use complies with the scope of acceptance. Any product defect should be taken up immediately with the supplier. If the defect is a design or manufacturing fault likely to affect performance and/or the safe operation of the railway this shall be reported in writing to the Acceptance Specialist identified in the Acceptance Advice Note.
- Anyone becoming aware of a change to the product configuration (to the actual product or its application); and a variation to or addition of manufacturing locations or processes, should inform the Acceptance Specialist in writing.



## Certificate of Acceptance

Certificate No: PA05/02695 Issue: 2 Date: 04.12.07  
Effective date: 04.12.07 Page 3 of 4

### PRODUCT CONFIGURATION

Part No.	Description	PADS No.
10/CAT3-23-ENG	33KHz CABLE LOCATOR, NO DEPTH & NO DISPLAY SCREEN	094/012046
10/CAT3V-09-ENG	33KHz CABLE LOCATOR, NO DEPTH, HAS DISPLAY SCREEN	094/012047
10/CAT3PLUS-11-ENG	33KHz CABLE LOCATOR, DEPTH MEASUREMENT & DISPLAY SCREEN	094/012048
10/CAT3V-29-ENG	33KHz CABLE LOCATOR, DISPLAY SCREEN & STRIKE ALERT	094/012049
10/CAT3PLUS-31-ENG	33KHz CABLE LOCATOR, DISPLAY SCREEN, DEPTH MEASUREMENT & STRIKE ALERT	094/012050
10/G3-ENG	GENNY3 TRANSMITTER	094/012051

Note : PADS catalogue numbers 094/012014 – 094/012018 were allocated in issue 1 of this certificate. These are not to be used and will be deleted from PADS.

### ASSESSED DOCUMENTATION

Reference	Title	Date and Applies to Cert. issue No.	
GG2115A Sheets 1,2 and 3. Issue 1B,Mod1.	Universal Genny drawing (electrical schematic)	19.01.04	1
-	Letter from Radiodetection Ltd	01.06.05	1
-	Radiodetection Trial reports	16.09.06	1
-	Radiodetection Trial reports (AC)	18.06.07	1
-	Radiodetection Trial reports (DC)	14.03.07	1
-	E-mail from Radiodetection Ltd	03.12.07	2

### CERTIFICATE HISTORY

Issue Number	Date	Issue History
1	05.07.07	First accepted for use.
2	04.12.07	Revised product configuration and PADS numbers



## Certificate of Acceptance

Certificate No: PA05/02695      Issue: 2      Date: 04.12.07  
Effective date: 04.12.07      Page 4 of 4

### **DISTRIBUTION**

<b><u>Manufacturer</u></b>	<b><u>Sponsor</u></b>	<b><u>Agent</u></b>
Radiodetection Ltd Western Drive Bristol BS14 0AZ <a href="mailto:Martin.barry@radiodetection.spx.com">Martin.barry@radiodetection.spx.com</a>	N/A	N/A

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### **For PADS records**

PADS Input Agent National Railway Supplies Ltd, Crewe <a href="mailto:s.adams@natrail.com">s.adams@natrail.com</a>	Mark Coley Serco Raildata Ltd, Derby <a href="mailto:mcoley@serco.railtest.co.uk">mcoley@serco.railtest.co.uk</a>
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### **For Information/briefing**

Peter Agnew (Programme Manager Maintenance Technology) <a href="mailto:peter.agnew@networkrail.co.uk">peter.agnew@networkrail.co.uk</a>	Sandrine Le Moal Network Rail WCRM 1 Eversholt Street, London <a href="mailto:Sandrine.LeMoal@networkrail.co.uk">Sandrine.LeMoal@networkrail.co.uk</a>	Rachel Leighfield Finch Track Standards & Compliance Engineer, Swindon <a href="mailto:rachel.leighfield@networkrail.co.uk">rachel.leighfield@networkrail.co.uk</a>
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