



AUSTRALIAN RAIL TRACK CORPORATION LTD

Route Access Condition Notice

13-00013

Distributed To:	ARTC Website
Distribution Date:	27/11/13
Requested By:	ARTC Ref:00095, 00134
Subject:	Additional Wayside Equipment, new WILD limits and KLD limits included.
Effective Period:	Until Published
Amendment Type:	Permanent (to be added to RAS)

Note: Permanent Route Access Condition Notices (RACN) are periodically updated in the ARTC Route Access Standard (RAS), at which time the relevant RACN is withdrawn.

RAS Reference:

Section: General Information **Version No.:** 1.2 **Page/s:** 18,19,20

ARTC Network Location:

Line Section: _____
Kms: _____

Changes to Wayside Equipment:

Hunting Detector and Hot Wheel Detector added to the wayside equipment location diagram. See figure 2.9.1 below.

New WILD limits set, see table 2.9.2 below.

KLD wheel profile monitor levels added, see table 2.9.2 below.

Figure 2.9.1 – Wayside Monitoring Devices on the ARTC Network

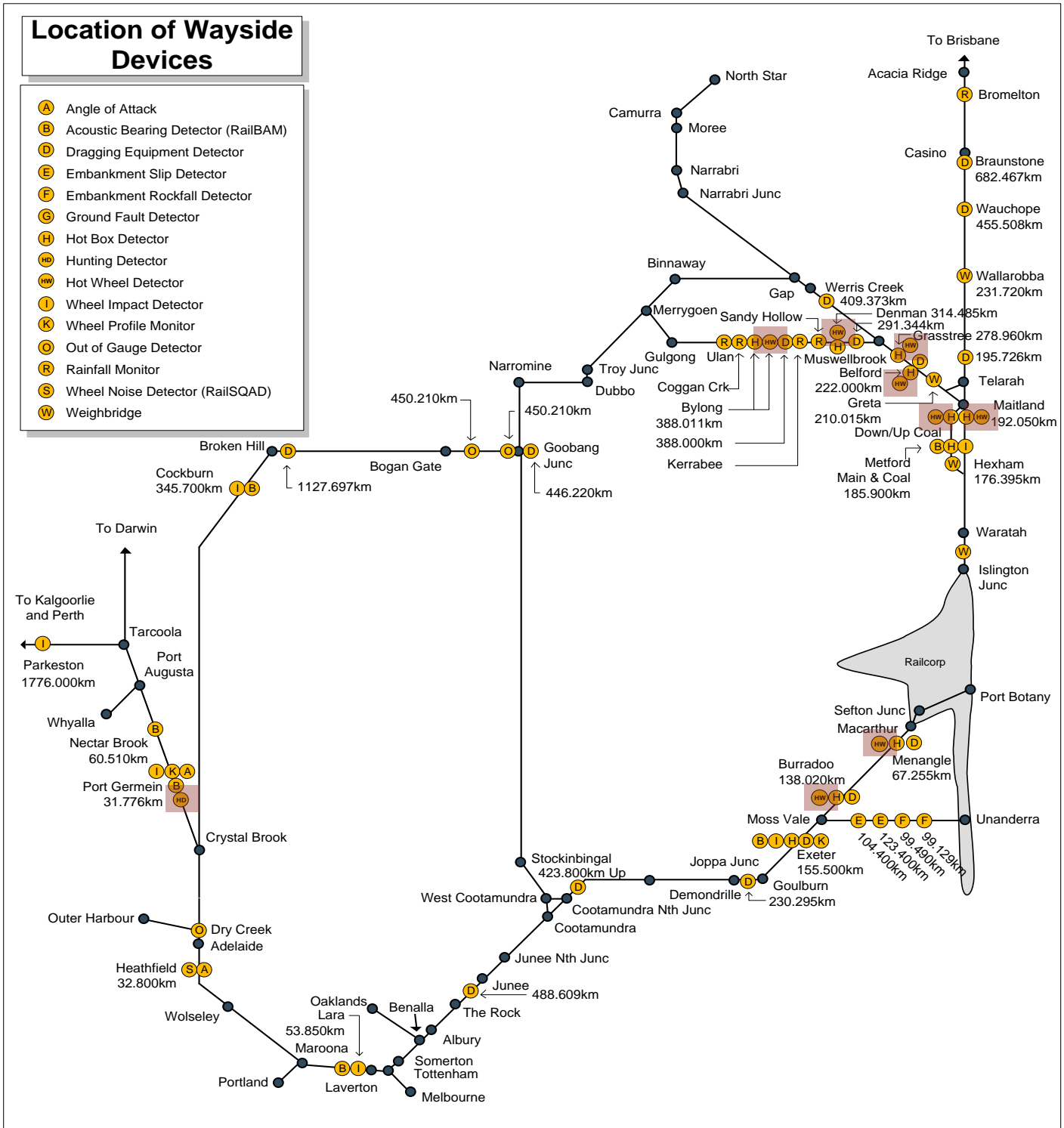


Table 2.9.2 – Wheel Impact Load Detector Limits

• Response to WILD Impact Loads – Exeter/West Corridor & North/South (Port Germein, Lara, Parkeston, Cockburn, Metford Main)	
• Wheel Impact Load	• Required Action
<ul style="list-style-type: none"> • >325kN (normalised) • MEDIUM 	<ul style="list-style-type: none"> • Operator notified and advised that the vehicle will require an immediate technical examination at the next maintenance facility.
<ul style="list-style-type: none"> • >400kN (normalised) • HIGH 	<ul style="list-style-type: none"> • Operator notified & TCR raised, train slowed (110km/h service to 80km, 80km/h service to 60km/h) at the discretion of ARTC Operations, and advised that the vehicle will require an immediate technical examination at the next maintenance facility. • Untagged Alarm
<ul style="list-style-type: none"> • >500kN (normalised) • EXTREME 	<ul style="list-style-type: none"> • Operator notified & TCR raised, train slowed to 60km/h until the defective vehicle can be safely inspected by the operating crew. If a defect is confirmed, vehicle is to be detached at the next agreed location.

Note: Normalised refers to the process of normalising vehicle impacts for a maximum axle weight for the class to facilitate

Response to WILD Impact Loads – Hunter Valley Coal (Metford Coal)	
Wheel Impact Load	Required Action
>325kN (normalised) MEDIUM	Operator notified and advised that the vehicle will require a technical examination at the next maintenance cycle. Untagged Alarm
>400kN (normalised) HIGH	Operator notified & TCR raised, immediate technical examination of the vehicle to be requested to be cut out of vehicle consist at the next maintenance facility.

accurate trending of emerging wheel impacts.

Response to Automatic KLD Wheel Profile Monitor Levels – Exeter and Port Germein

Profile	Optimal	Warning	Condemn	Extreme
Flange Thickness	24mm	21mm	18.75mm	17mm
Flange Height	33mm	34mm	35.25mm	37mm
Tread Hollowing	2mm	2.5mm	3.25mm	4mm
Rim Thickness	24mm	22mm	19.75mm	18mm

Issued By: Richard Potts
Australian Rail Track Corporation

Approved By: John Furness - Manager Standards (Minor)

NAN Ref (if applicable):