



**Thales AZLM Axle Counter, Detection Points
Record Card (Front)**
NR/ROSE/AX15 – NR/SMS/Test/045

Form: NR/ROSE/AX15/T045/RC/01
Date: September 2009
Issue: 01

Signal Box / Interlocking:	Location:	Axle Counter Section:
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Shared ACE? YES / NO	ACE(s) Identity/Location	Multiple Count Out? YES / NO	EAKs Identity/Location
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Note: As an axle counter section can have multiple count in/count out detection points and EAKs may be shared by more than one ACE, not all the columns may be used in all circumstances. If details of other detection points or EAKs relevant to this axle counter section are on other record cards, draw a line through the unused columns and enter details of what the record card applies to and details of where other relevant information on the axle counter section is below:

Number	Rail Contacts Tests										Comments	Meter Identity	Name	Company	Date
	Voltage (mV)								PEGUE 1 (11)	PEGUE 2 (13)					
	Phase Reversal Tests [MESSAB 1 (10) for SK1 & MESSAB 2 (12) for SK2]														
	Without Dummy Wheel				With Dummy Wheel										
	Count In		Count Out		Count In		Count Out								
SK1	SK2	SK1	SK2	SK1	SK2	SK1	SK2								
01															
02															
03															
04															

Number	Lineside Junction Box (EAK) Tests										Comments	Meter Identity	Name	Company	Date		
	Voltages (mV & V) Nos in brackets refer to the test box switch positions															Freq (KHz)	
	DC I/P	SK1	SK2	Reg Ch 1(3)	Reg Ch 2(4)	MESSAB 1 (10)	PEGUE 1 (11)	MESSAB 2 (12)	PEGUE 2 (13)	SK1						SK2	



Thales AZLM Axle Counter, Detection Points
Record Card (Rear)
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Issue: 01

Number	Rail Contacts Tests										Comments	Meter Identity	Name	Company	Date
	Voltage (mV)														
	Phase Reversal Tests [MESSAB 1 (10) for SK1 & MESSAB 2 (12) for SK2]								PEGUE 1 (11)	PEGUE 2 (13)					
	Without Dummy Wheel				With Dummy Wheel										
	Count In		Count Out		Count In		Count Out								
SK1	SK2	SK1	SK2	SK1	SK2	SK1	SK2	SK1	SK2						
05															
06															
07															
08															
09															
10															
11															
12															
13															

Number	Lineside Junction Box (EAK) Tests										Comments	Meter Identity	Name	Company	Date		
	Voltages (mV & V) Nos in brackets refer to the test box switch positions															Freq (KHz)	
	DC I/P	SK1	SK2	Reg Ch 1(3)	Reg Ch 2(4)	MESSAB 1 (10)	PEGUE 1 (11)	MESSAB 2 (12)	PEGUE 2 (13)	SK1 Tx						SK2 Tx	
05																	
06																	
07																	
08																	
09																	
10																	
11																	

	Thales AZLM Axle Counter, Evaluator Record Card (Front) NR/ROSE/AX15	Form: NR/ROSE/AX15/ /RC/02 Date: September 2009 Issue: 01
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Signal Box / Interlocking:		ACE Location:		No of EAKs:
Shared EAKs? YES / NO	No. of Shared EAKs:	Name/location of adjoining ACE (1)	Name/location of adjoining ACE (2)	
Note: As a guide it may be useful to draw a generic sketch of the layout of this ACE, the EAKs it serves, adjoining ACEs, and shared EAKs (this is optional)				

Evaluator				Comments Reason for visit, Adjustments, Diagnostics etc	Meter Identity	Name	Company	Date
LED's*	Voltages (V)	Parallel Card Voltages (V)						
	DC supply across PDCU links	Sections Isolation Link BB –BXI output	C5 of the Restore Relay					

* Insert tick if LED indications & Tests are correct