Issues Register

DOCUMENT: **ESD-03-02 Level Crossing Predictor Design, Certification and Test**
VERSION: **1.2 13 Aug 2010**

the items in the corresponding register and whether they are appropriate for the given circumstance.
To report an issue or for more information, please email standards@artc.com.au.

RELATED DOCUMENTS: *(This includes a list of Waivers, Engineering Instructions or Technical Notes that have been issued which relate to the standard.)*

Reference	Document Name	Document Type	Date Issued	Status	Comments
1	ARTC Addendum to the Code of Practice for the Defined Interstate Network		Issue 3.0 May 2005	Proposed	
2	NSW Network Rules - ANGE 216 Level Crossings		Issue 1 Rev 2 Nov 2008	Proposed	
3	TA20 Code of Practice – Victorian Main Line Operation			Proposed	

CURRENT ISSUES:

Reference	Issue Description	Date Reported	Reported By	Action Required	Action By	Proposed Resolution	Comments/Action Taken to Date	Final Resolution	Status
1	Network Rules etc require a train not to accelerate on approach to a Predictor Level Crossing. Rules are required for the train to start and approach the level crossing	01/11/2010	Trevor Moore	Minor Review	Standards	Update Network Rules etc.	Reviewed with Greg Watson. Submitted to Safety Committee. Updated draft for 3 sets of Rules 1/11/10. To submit to Safety Committee Members out of session for endorsement. Do submission to stakeholders. Draft Risk Assessment Report and circulate to stakeholders. Arrange for a teleconference with stakeholders and train operators. Draft Notification to Rail Regulators.	Update to ANGE 216 Level Crossings. Update to TA 20 Rule Book section 9 (m) ARTC Addendum to COP did not need to be updated.	Completed
2	For a stopped train the Predictor will time out after 15 sections and cease operation. The Predictor will restart after 10 minutes (configurable). This is a fail safe protection for a failed predictor track circuit so that a train approaching a predictor (with failed track circuit) will have the crossing operating. The timeout has to cover for the time from front of train at 70% of approach until the tail of the train has cleared 70% of departure track. This has to be calculated for the slowest normal train.	01/11/2010	Trevor Moore	Minor Review	Standards	Update Standard section 2.2	Reviewed issue with Tom Deveney and Wayne MacDonald. Need to draft amendment ot the standard. Risk Assessment for the changes and to set the performance values.		In Progress
3	Network Controllers and TTMs need to have information on these operating and failure modes for predictor level crossings.	01/11/2010	Trevor Moore	Minor Review	Standards	Draft reference notes for Network Control Centres. Liaise with them as to format and content prior to drafting.	Reviewed issue with J Tyne and will arrange a liaison meeting with TTMs and Network Controllers.		In Progress
4	Fault finding on Predictor level crossings. The track cards on Predictor LX contain specific set up data for the respective track circuits. The track cards were swapped leading to incorrect operation of the approach train detection. Tthe configuration settings were not input to the track card in accordance with the previous settings before any testing is undertaken.	06/12/2011	Trevor Moore	Minor Review	Standards	Fault finding on Predictor level crossings. The track cards on Predictor LX contain specific set up data for the respective track circuits. At no time are they to be swapped as a fault finding mechanism. If a track card is replaced, then the configuration settings must be input to the track card in accordance with the previous settings before any testing is undertaken. When any work is being done on a Predictor LX which involves removal of any cards or setting of any configuration parameters, it shall be booked out of use prior to the work commencing. The Predictor shall be calibrated and tested for correct operation prior to booking it back into use.	T Moore to review these findings with GCP supplier. Draft changes to standard to be distributed to as an Engineering Instruction. Standard to be updated.		
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