

Work Instruction - Operations	HITACHI
TWC FAILURE WORK INSTRUCTION	 Hitachi Rail Honolulu JV

Work description: This work instruction describes the handling of TWC failures.		
Scope: This work instruction is written specifically for the OCC operating staff of Honolulu Rail Transit.		
References: HNL-09510 Minimum Operating Conditions Work Instruction		
PPE and precautions	Competencies or qualifications	Licenses or permits required
Nil	OCC Supervisor, Train Controller, Information Controller, Engineering & Fault Controller	Nil
Tools and equipment required		
Nil		

TWC Failures	
<i>Train Controller</i>	<p>You must:</p> <ol style="list-style-type: none"> 1) Route the train manually to the next station if the train fails to receive DID/performance data 2) Follow & monitor this train for the next 2 stations to see if manual routing needs to be continued (if there is a total TWC antennas failures) 3) Monitor this platform to see if the if the TWC communication failure affects every train that berthed (if there is a TWC loop failure) 4) Inform the Engineering & Fault Controller of the failure and your findings (train/platform) 5) Inform the OCC Supervisor of the failure and your findings (train/platform) 6) On instructions from the OCC Supervisor to remove the train from service, take the train off service following HNL-09510 Minimum Operating Conditions Work Instruction 7) Arrange a safe path for the maintainer to access the track for inspection and back to the station if required 8) Log the event in the Train Controller Log
<i>Engineering & Fault Controller</i>	<p>You must:</p> <ol style="list-style-type: none"> 1) Inform the maintainer to arrange maintenance intervention in accordance to the OCC Supervisor decision
<i>OCC Supervisor</i>	<p>You must:</p> <ol style="list-style-type: none"> 1) Assess the findings to see if it is a TWC antennas (onboard) problems or a TWC loop (wayside) problem 2) If it is a TWC antennas fault, take the train off service in accordance to the HNL-09510 Minimum Operating Conditions Work Instruction 3) If it is a TWC loop fault, see if the maintainer requires track access to examine the TWC loop, however, any repair will only be allowed during Non-Revenue Service Hours 4) Instruct the Information Controller to make regular public announcements on service delays to trains and stations 5) Log the event in the OCC Supervisor Daily Report
<i>Information Controller</i>	<p>You must, on instructions from the OCC Supervisor:</p> <ol style="list-style-type: none"> 1) Make public broadcast announcements on service delays to trains and stations 2) Make regular announcements to update trains and stations affected 3) Log the event in the Information Controller Log

Approved By:	<input type="checkbox"/> Director, Operations and Maintenance	<input type="checkbox"/> Department Manager	<input type="checkbox"/> Manager, HSE (Operations and Maintenance)
Signature:			
Date:			

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