

Work Instruction - Operations	<b>HITACHI</b>
<b>ATS FAILURE WORK INSTRUCTION</b>	 <b>Hitachi Rail Honolulu JV</b>

<b>Work description:</b> This work instruction describes the handling of ATS server failures.		
<b>Scope:</b> This work instruction is written specifically for the OCC operating staff of Honolulu Rail Transit.		
<b>References:</b> Nil		
<b>PPE and precautions</b>	<b>Competencies or qualifications</b>	<b>Licenses or permits required</b>
Nil	OCC Supervisor, Train Controller, Yard Controller, Information Controller, Engineering & Fault Controller, Station Operator, Traffic Controller, Yard Controller	Nil
<b>Tools and equipment required</b>		
Nil		

<b>1. Failure of a single ATS server in the OCC</b>	
<i>Train Controller</i>	<p>You must:</p> <ol style="list-style-type: none"> <li>1) Inform the Engineering &amp; Fault Controller of the failure</li> <li>2) Inform the OCC Supervisor of the failure</li> </ol>
<i>Engineering &amp; Fault Controller</i>	<p>You must:</p> <ol style="list-style-type: none"> <li>1) On receiving a failure report, record/register the fault to the MMIS</li> <li>2) Inform the maintainer to arrange immediate maintenance intervention</li> <li>3) Keep an eye on the ATS repair progress</li> <li>4) Inform the OCC Supervisor, Train Controllers, and the Yard Controller about the latest ATS repair progress</li> </ol>
<i>OCC Supervisor</i>	<p>You must:</p> <ol style="list-style-type: none"> <li>1) Follow the fault rectifying progress closely</li> </ol>

<b>2. Failure of a pair of redundant ATS servers in the OCC</b>	
<i>Train Controller</i>	<p>You must:</p> <ol style="list-style-type: none"> <li>1) Inform the Engineering &amp; Fault Controller of the failure</li> <li>2) Inform the OCC Supervisor of the failure</li> <li>3) On instructions from the OCC Supervisor to evacuate the OCC. Follow the OCC Evacuation Work Instruction for departing from / returning to the OCC</li> </ol>
<i>Engineering &amp; Fault Controller</i>	<p>You must:</p> <ol style="list-style-type: none"> <li>1) On receiving a failure report, record/register the fault to the MMIS</li> <li>2) Inform the maintainer to arrange immediate maintenance intervention</li> <li>3) Inform the OCC Supervisor of the failure</li> </ol> <p>On instructions from the OCC Supervisor to evacuate the OCC, follow the OCC Evacuation Work Instruction for departing from / returning to the OCC</p>
<i>OCC Supervisor</i>	<p>You must:</p> <ol style="list-style-type: none"> <li>1) Find out the extent of failures and the estimated recovery time from the Engineering &amp; Fault Controller</li> <li>2) Dispatch the Yard Controller to the Yard Control Bungalow (YCB) immediately</li> <li>3) Instruct the OCC operating staff to evacuate the OCC, follow the OCC Evacuation Work Instruction for departing from / returning to the OCC</li> </ol>

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

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<i>Information Controller</i>	<p>You must:</p> <p>On instructions from the OCC Supervisor to evacuate the OCC, follow the OCC Evacuation Work Instruction for departing from / returning to the OCC</p>
<i>Yard Controller</i>	<p>You must:</p> <ol style="list-style-type: none"> <li>1) Stop all train movements in the yard immediately</li> <li>2) Log off from Workstations on your desk</li> <li>3) Bring your handheld radio, important phone numbers and controller logbooks with you</li> <li>4) Leave OCC and proceed to the YCB</li> <li>5) On instructions from the OCC Supervisor to return to the OCC: Stop all train movements in the Yard immediately Relinquish controls in the Yard and return to the OCC to resume duties</li> <li>6) Log the event in the Yard Controller Log</li> </ol>

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