

Severity Level	Caution	Bulletin Number	E87534
Issue Date	5/25/2017	Expires	N/A
Title	Upgrading Spare HIPR2 Cards		
Product	EAGLE	Release	46.4
Priority	Medium	Related Bugs	N/A
Impacts Compatibility	NO	Impacted Product Line(s):	EAGLE
Markets	ALL	Part No. Affected	E54340 Revision 3
Author and Formal Approvers			
Author	G. Brookins	5/25/2017	Customer Documentation K. Cook 5/25/2017
Problem Description			
A special procedure needs to be followed if spare HIPR2 cards are getting upgraded from R46.3 or earlier to R46.4 or later.			
Impact			
May cause HIPR2 spare card upgrade issues in the field.			
Needed Actions			
Follow this procedure if spare HIPR2 cards are getting upgraded from R46.3 or earlier to R46.4 or later. This procedure replaces procedure 15 in <i>Software Upgrade Guide</i> , E54340 Revision 3:			
S T E P #	<p>This procedure describes how to upgrade your spare HIPR2 cards.</p> <p>Check off (✓) each step as it is completed. Boxes have been provided for this purpose under each step number.</p> <p>SHOULD THIS PROCEDURE FAIL, CONTACT My Oracle Support AND ASK FOR UPGRADE ASSISTANCE.</p>		
1 <input type="checkbox"/>	Issue the command to display imt bus status.	rept-stat-mux	
2 <input type="checkbox"/>	Response to the MUX status command is displayed.	<pre>eaglestp YY-MM-DD hh:mm:ss EST PPP XX.x.x.x-YY.y.y CARD TYPE PST SST AST BITRATE 1109 HIPR2 IS-NR Active ----- HIGH 1110 HIPR2 IS-NR Active ----- HIGH 1209 HIPR2 IS-NR Active ----- HIGH 1210 HIPR2 IS-NR Active ----- HIGH 1309 HIPR2 IS-NR Active ----- HIGH 1310 HIPR2 IS-NR Active ----- HIGH Command Completed. ;</pre>	
3 <input type="checkbox"/>	Issue the command to display imt bus status.	rept-stat-imt	

<p>4</p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p>	<p>Response to the card status command is displayed.</p> <p>Verify that both imt buses are IS-NR.</p> <p>If either bus is not IS-NR Stop this procedure and contact My Oracle Support.</p>	<pre>eaglestp YY-MM-DD hh:mm:ss EST PPP XX.x.x.x.X-YY.y.y rept-stat-imt Command entered at terminal #10. ; eaglestp YY-MM-DD hh:mm:ss EST PPP XX.x.x.x.X-YY.y.y IMT PST SST AST A IS-NR Active ----- ALARM STATUS = No Alarms. IMT PST SST AST B IS-NR Active ----- ALARM STATUS = No Alarms. Command Completed. ;</pre>
<p>5</p> <p><input type="checkbox"/></p>	<p>Issue the command to initialize the IMT bus B at low speed only if the HIPR2 card is getting upgraded from R46.3 or earlier to R46.4 or later. Otherwise go to step 11.</p>	<p>init-mux:bus=b:hs=no</p>
<p>6</p> <p><input type="checkbox"/></p>	<p>Response to the above command is displayed.</p>	<pre>eaglestp YY-MM-DD hh:mm:ss EST PPP XX.x.x.x.X-YY.y.y init-mux:bus=b:hs=no Command entered at terminal #10. ; eaglestp YY-MM-DD hh:mm:ss EST PPP XX.x.x.x.X-YY.y.y Command Completed. ;</pre>
<p>7</p> <p><input type="checkbox"/></p>	<p>Issue the command to display imt bus status.</p>	<p>rept-stat-mux</p>
<p>8</p> <p><input type="checkbox"/></p>	<p>Response to the MUX status command is displayed.</p>	<pre>eaglestp YY-MM-DD hh:mm:ss EST PPP XX.x.x.x.X-YY.y.y CARD TYPE PST SST AST BITRATE 1109 HIPR2 IS-NR Active ----- HIGH 1110 HIPR2 IS-NR Active ----- LOW 1209 HIPR2 IS-NR Active ----- HIGH 1210 HIPR2 IS-NR Active ----- LOW 1309 HIPR2 IS-NR Active ----- HIGH 1310 HIPR2 IS-NR Active ----- LOW Command Completed. ;</pre>
<p>9</p> <p><input type="checkbox"/></p>	<p>Issue the command to display imt bus status.</p>	<p>rept-stat-imt</p>
<p>10</p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p>	<p>Response to the card status command is displayed.</p> <p>Verify that both imt buses are IS-NR.</p> <p>If either bus is not IS-NR Stop this procedure and contact My Oracle Support.</p>	<pre>eaglestp YY-MM-DD hh:mm:ss EST PPP XX.x.x.x.X-YY.y.y rept-stat-imt Command entered at terminal #10. ; eaglestp YY-MM-DD hh:mm:ss EST PPP XX.x.x.x.X-YY.y.y IMT PST SST AST A IS-NR Active ----- ALARM STATUS = No Alarms. IMT PST SST AST B IS-NR Active ----- ALARM STATUS = No Alarms. Command Completed. ;</pre>
<p>11</p> <p><input type="checkbox"/></p>	<p>Issue the command to inhibit IMT bus-B.</p>	<p>inh-imt:bus=b</p>
<p>12</p> <p><input type="checkbox"/></p>	<p>Response to the command is displayed.</p>	<pre>eaglestp YY-MM-DD hh:mm:ss EST PPP XX.x.x.x.X-YY.y.y Inhibit IMT Bus B command issued ; eaglestp YY-MM-DD hh:mm:ss EST PPP XX.x.x.x.X-YY.y.y 8687.0098 IMT BUS B IMT inhibited ;</pre>
<p>13</p> <p><input type="checkbox"/></p>	<p>Swap spare HIPR2 cards with those on the IMT B-bus. (i.e. location 1110, 1210)</p>	

14	Issue the command to allow IMT bus-B.	alw-imt:bus=b
15	Response to the command is displayed.	<pre>eaglestp YY-MM-DD hh:mm:ss EST PPP XX.x.x.x.x-YY.y.y Allow IMT Bus B command issued ; eaglestp YY-MM-DD hh:mm:ss EST PPP XX.x.x.x.x-YY.y.y 8712.0097 IMT BUS B IMT allowed ;</pre>
16	Issue the command to display imt bus status.	rept-stat-mux
17	Response to the MUX status command is displayed.	<pre>eaglestp YY-MM-DD hh:mm:ss EST PPP XX.x.x.x.x-YY.y.y CARD TYPE PST SST AST BITRATE 1109 HIPR2 IS-NR Active ----- HIGH 1110 HIPR2 IS-NR Active ----- LOW 1209 HIPR2 IS-NR Active ----- HIGH 1210 HIPR2 IS-NR Active ----- LOW 1309 HIPR2 IS-NR Active ----- HIGH 1310 HIPR2 IS-NR Active ----- LOW Command Completed. ;</pre>
18	Issue the command to display imt bus status.	rept-stat-imt
19	Response to the card status command is displayed.	<pre>eaglestp YY-MM-DD hh:mm:ss EST PPP XX.x.x.x.x-YY.y.y rept-stat-imt Command entered at terminal #10. ;</pre>
	Verify that both imt buses are IS-NR.	<pre>eaglestp YY-MM-DD hh:mm:ss EST PPP XX.x.x.x.x-YY.y.y IMT PST SST AST A IS-NR Active ----- ALARM STATUS = No Alarms. ;</pre>
	If either bus is not IS-NR Stop this procedure and contact My Oracle Support .	<pre>IMT PST SST AST B IS-NR Active ----- ALARM STATUS = No Alarms. Command Completed. ;</pre>
20	Issue the card status command to identify the MUX cards in the system.	rept-stat-gpl:gpl=hipr2
21	Response to the command is displayed.	<pre>eaglestp YY-MM-DD hh:mm:ss EST PPP XX.x.x.x.x-YY.y.y GPL Auditing ON ;</pre>
	Record the CARD locations for all MUX cards in the system not running the APPROVED version of the GPL.	<pre>APPL CARD RUNNING APPROVED TRIAL HIPR2 XX09 XXX-XXX-XXX XXX-XXX-XXX XXX-XXX-XXX HIPR2 XX10 YYY-YYY-YYY ALM XXX-XXX-XXX XXX-XXX-XXX HIPR2 XX09 XXX-XXX-XXX XXX-XXX-XXX XXX-XXX-XXX HIPR2 XX10 YYY-YYY-YYY ALM XXX-XXX-XXX XXX-XXX-XXX HIPR2 XX09 XXX-XXX-XXX XXX-XXX-XXX XXX-XXX-XXX HIPR2 XX10 XXX-XXX-XXX XXX-XXX-XXX XXX-XXX-XXX HIPR2 XX09 XXX-XXX-XXX XXX-XXX-XXX XXX-XXX-XXX HIPR2 XX10 XXX-XXX-XXX XXX-XXX-XXX XXX-XXX-XXX Command Completed. ;</pre>
22	Enter the command to initialize the FLASH on a MUX card on the B-bus that is not running the APPROVED version of the GPL.	init-flash:loc=1110:eloc=xx10:code=appr:gpl=hipr2 (Where XX = is a last shelf number with a spare MUX being flashed.)
23	Response to the flash initialization is shown.	<pre>eaglestp YY-MM-DD hh:mm:ss EST PPP XX.x.x.x.x-YY.y.y init-flash:loc=xx10:code=appr:gpl=hipr2 Command entered at terminal #10. ;</pre>
		<pre>eaglestp YY-MM-DD hh:mm:ss EST PPP XX.x.x.x.x-YY.y.y FLASH Memory Download for card xx10 Started. ;</pre>
		<pre>eaglestp YY-MM-DD hh:mm:ss EST PPP XX.x.x.x.x-YY.y.y FLASH Memory Download for card xx10 Completed. ;</pre>
24	Enter the command to initialize the current bus.	init-mux:bus=b

<p>25</p> <p><input type="checkbox"/></p>	<p>Response to the initialization command is displayed.</p>	<pre>eaglestp YY-MM-DD hh:mm:ss EST PPP XX.x.x.x.X-YY.y.y 5080.0014 CARD XX10 HIPR2 Card is present ; eaglestp YY-MM-DD hh:mm:ss EST PPP XX.x.x.x.X-YY.y.y 5081.0014 CARD YY10 HIPR2 Card is present ; eaglestp YY-MM-DD hh:mm:ss EST PPP XX.x.x.x.X-YY.y.y * 5082.0004 * GPL SYSTEM HIPR2 Card is running non-activated GPL</pre>
<p>26</p> <p><input type="checkbox"/></p>	<p>Issue the command to display imt bus status.</p>	<p>rept-stat-mux</p>
<p>27</p> <p><input type="checkbox"/></p>	<p>Response to the MUX status command is displayed.</p>	<pre>eaglestp YY-MM-DD hh:mm:ss EST PPP XX.x.x.x.X-YY.y.y CARD TYPE PST SST AST BITRATE 1109 HIPR2 IS-NR Active ----- HIGH 1110 HIPR2 IS-NR Active ----- HIGH 1209 HIPR2 IS-NR Active ----- HIGH 1210 HIPR2 IS-NR Active ----- HIGH 1309 HIPR2 IS-NR Active ----- HIGH 1310 HIPR2 IS-NR Active ----- HIGH Command Completed. ;</pre>
<p>28</p> <p><input type="checkbox"/></p>	<p>Issue the command to display imt bus status.</p>	<p>rept-stat-imt</p>
<p>29</p> <p><input type="checkbox"/></p> <p>Verify that both imt buses are IS-NR.</p> <p>If either bus is not IS-NR Stop this procedure and contact My Oracle Support.</p>	<p>Response to the card status command is displayed.</p>	<pre>eaglestp YY-MM-DD hh:mm:ss EST PPP XX.x.x.x.X-YY.y.y rept-stat-imt Command entered at terminal #10. ; eaglestp YY-MM-DD hh:mm:ss EST PPP XX.x.x.x.X-YY.y.y IMT PST SST AST A IS-NR Active ----- ALARM STATUS = No Alarms. IMT PST SST AST B IS-NR Active ----- ALARM STATUS = No Alarms. Command Completed. ;</pre>
<p>30</p> <p><input type="checkbox"/></p>	<p>Issue the command to activate the flash on a MUX card(s) flashed in step 22.</p>	<p>act-flash:sloc=1110:eloc=XX10:gpl=hipr2 (Where XX is a last shelf number with aspare MUX being flashed)</p>
<p>31</p> <p><input type="checkbox"/></p>	<p>Response to the activate command is displayed.</p>	<pre>eaglestp YY-MM-DD hh:mm:ss EST PPP XX.x.x.x.X-YY.y.y FLASH Memory Activation for card 1110-XX10 Started. ; XX.x.x.x.X-YY.y.y eaglestp YY-MM-DD hh:mm:ss EST PPP XX.x.x.x.X-YY.y.y * 2395.0002 * GPL SYSTEM HIPR2 Card is not running approved GPL ; eaglestp YY-MM-DD hh:mm:ss EST PPP XX.x.x.x.X-YY.y.y FLASH Activation for cards 1110 - XX10 completed. LOC YY10 : FLASH OPERATION COMPLETED LOC XX10 : FLASH OPERATION COMPLETED ALL CARD RESULTS PASSED ; eaglestp YY-MM-DD hh:mm:ss EST PPP XX.x.x.x.X-YY.y.y Command Completed. ;</pre>
<p>32</p> <p><input type="checkbox"/></p>	<p>Issue the command to display the HIPR2 card GPL status.</p>	<p>rept-stat-gpl:gpl==hipr2</p>

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Verify that all HIPR2 cards are running the approved GPL.

```
eaglestp YY-MM-DD hh:mm:ss EST PPP XX.x.x.x-YY.y.y  
GPL Auditing ON
```

```
APPL      CARD      RUNNING      APPROVED      TRIAL  
HIPR2    XX09    XXX-XXX-XXX  XXX-XXX-XXX  XXX-XXX-XXX  
HIPR2    XX10    XXX-XXX-XXX  XXX-XXX-XXX  XXX-XXX-XXX  
HIPR2    XX09    XXX-XXX-XXX  XXX-XXX-XXX  XXX-XXX-XXX  
HIPR2    XX10    XXX-XXX-XXX  XXX-XXX-XXX  XXX-XXX-XXX  
HIPR2    XX09    XXX-XXX-XXX  XXX-XXX-XXX  XXX-XXX-XXX  
HIPR2    XX10    XXX-XXX-XXX  XXX-XXX-XXX  XXX-XXX-XXX  
HIPR2    XX09    XXX-XXX-XXX  XXX-XXX-XXX  XXX-XXX-XXX  
HIPR2    XX10    XXX-XXX-XXX  XXX-XXX-XXX  XXX-XXX-XXX  
Command Completed.
```

;

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Repeat steps 1-33 until all spare HIPR2 cards have been flashed.

Customers should store this bulletin with their associated EAGLE documentation location for reference.

This notice is provided information to Oracle customers about issues identified with our systems. If you have any questions about this notice, call the My Oracle Support main number at 1-800-223-1711 (toll-free in the US), or call the Oracle Support hotline for your local country from the list at <http://www.oracle.com/us/support/contact/index.html>.