

4x4 Transfer Matrix

- The feedback buttons need to be left on according to AI
- Was using an old name for BBQ ADOs
- For next APEX:
 - Fixed the initialization of the tune sums.
 - Fixed the savings of the Artus raw data

The screenshot shows the 'RHIC/Ramp/Wfgman' software interface. The window title is 'RHIC/Ramp/Wfgman' and it has a menu bar with 'Page', 'PPM', 'Device', 'Data', 'Tools', 'Buffer', and 'Help'. The main area is divided into several sections:

- Primary:** A list of device names including wfgman.rhic, wfg.rt-brigidity, wfg.rt-yrigidity, wfg.rt-brampvar, wfg.b-dmain-ps, wfg.b-qmain-ps, wfg.b-qtrim-ps, wfg.y-dmain-ps, wfg.y-qmain-ps, wfg.y-qtrim-ps, ev-hardstop, and wfgman.rhic.
- Wfg Manager:** Contains parameters such as 'Confirm State:', 'Check Errors:', 'Ramp File:', 'Comment:', 'Main Ramp:', 'Other Ramps:', 'slowFactor:', 'Ramp Duration (s):', 'dmain rate (A/s):', 'where am I?:', 'Message:', 'Reference', 'Hard Stop', 'Blue species', 'Yellow species', 'Tune Feedback', 'Chromaticity Feedback', 'Radial Feedback', 'Orbit Feedback', and 'Feedbacks:'. The 'Feedbacks:' field shows the value [1 1 1 1].
- Current Use -> Blue and Yellow:** A table showing various parameters and their values.

Parameter	Value	Status
Test		Init All
clear		
pp15-e0_1429809842		
physics		
Main Ramp		Excluded FECs:
AuxRamp		none
slowFactor	1	Bad FECs:
Ramp Duration (s)	2.550	none
dmain rate (A/s)	0.134	
FirstStone		On Hysteresis
Auxramp to first initiated (102)		Disconnect
blue b-rho	79.3668	DONE
yellow b-rho	79.3668	DONE
pseudo	100.00	DONE
Measured current		
	462.997	DONE
	429.661	DONE
	7.095	DONE
	462.855	DONE
	430.293	DONE
	7.068	DONE
- Trigger:** A section with buttons for 'Trigger', 'On', and 'Off'.

At the bottom of the window, there is a status bar showing '(1,1) "text"', 'Nudge: 0', and the page number '276'. A log window at the very bottom shows the following messages:

```
Thu Apr 23 13:52:22 2015: copying parameter values to buffer.
Thu Apr 23 13:52:22 2015: Get and Async requests complete.
```