

M3 IPM - Bug #18773

Single turn plot not showing current data until you toggle single turn -> charge plot -> single turn

01/22/2018 10:22 AM - Denton Morris

Status:	Resolved	Start date:	01/22/2018
Priority:	Normal	Due date:	
Assignee:	David Slimmer	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	1.40 hour
Description			
Taking new data with the plot option of Single Turn shows old data until you toggle from Single Turn to Charge Plot and back to Single Turn.			

History

#1 - 01/22/2018 11:16 AM - Elliott McCrory

Please try to reproduce the problem on the modified code on the Z page.

#2 - 01/22/2018 11:31 AM - Denton Morris

Same behavior on the Z page.

#3 - 01/22/2018 02:01 PM - Elliott McCrory

- Assignee changed from Elliott McCrory to David Slimmer

Dave - I am not able to see how my console code could make this mistake. Can you have a look, please, at the front end? Is it possible that you are not sending the right data?

The sequence of data requests Denton specifies here *will* reproduce this bug on the ACNET console program. Another way to reset the data is to ask for a slightly different turn number (e.g., ask for 51, and then ask for 50 - it will report the correct turn [#50](#) this time).

Thanks - Elliott.

#4 - 01/23/2018 02:28 PM - David Slimmer

- Status changed from New to Work in progress

Elliott - I will need you to demonstrate the problem. I can't seem to get it display a single turn profile that does not track the one displayed on the front end.

There seems to be a hard limit on the number of files (314) displayed by "Select & Plot File".

There are currently 364 saved data files (names) on R4HIPM, and they should fit in the device R:4HLOGS. Can you modify the console code to read either to the maximum number of characters for R:4HLOGS (32760) OR until you read no more file names?

#5 - 01/25/2018 06:11 AM - David Slimmer

- Status changed from Work in progress to Resolved

- % Done changed from 0 to 100

Modified front end code so the Fit Turn is taken from R:4HPMTF instead of the spec when data is acquired from an Acnet console. Also requires modified handling of R:4HMTF in I33.

#6 - 01/26/2018 03:32 PM - Denton Morris

David Slimmer wrote:

Modified front end code so the Fit Turn is taken from R:4HPMTF instead of the spec when data is acquired from an Acnet console. Also requires modified handling of R:4HMTF in I33.

Has this been propagated to the other IPMs? I still see this behavior on Recycler V103 IPM but haven't looked at MI IPMs yet.

Files

2018-01-22.10.17.08.790.png	9.77 KB	01/22/2018	Denton Morris
2018-01-22.10.17.11.245.png	8.84 KB	01/22/2018	Denton Morris
2018-01-22.10.17.14.077.png	77.6 KB	01/22/2018	Denton Morris
2018-01-22.10.17.19.349.png	8.84 KB	01/22/2018	Denton Morris
2018-01-22.10.17.39.708.png	77.5 KB	01/22/2018	Denton Morris