

Operations - Bug #1669

ISIS variables for MICE

08 April 2015 09:10 - Nebrensky, Henry

Status:	Open	Start date:	08 April 2015
Priority:	Normal	Due date:	
Assignee:	Hanlet, Pierrick	% Done:	0%
Category:	Beam Line	Estimated time:	0.00 hour
Target version:			
Description			
List of items desired from the ISIS controls system, as requested at operations meeting .			
Related issues:			
Has duplicate Operations - Bug #1668: ISIS variables for MICE		Closed	08 April 2015

History

#1 - 08 April 2015 09:13 - Nebrensky, Henry

ISIS variables:

- ISIS rep rate
 - TS1 and TS2 rates
- MICE rate (divisor)
- Bump rate (divisor)
- MICE trips status
 - Most recent MICE trip time & date?
- Beam bump pulsing status
- ~~ISIS current~~
- ~~Beam losses~~

#2 - 01 May 2015 14:15 - Nebrensky, Henry

- File *ISIS.png* added

I've attached a screenshot of the latest version of the ISIS software UI.

Menu page- ACTIVE (on MERCKX)

MICE EXPERIMENT

Timing

Mice Trips

Masking Timer

Frame Position

Machine Rep. Rates

40.0Hz

10.0Hz

MICE BLMs

Total Today **0**

Last Trip 25-Apr-15 15:34

Trip Level @ 4.2V

Total Dips Today **0**

R7BLM3 0.01

R7BLM4 0.01

R8BLM1 0.01

If Frame Position is down then Mice Trips and Masking Timer MUST be ON (green)
 The Vertical Bump must also be ON and PULSING.
 If not please ask ISIS Crew.

Vertical Bump

Loaded pulsing

Rep. Rates		
MICE	Mask	Bump
6	6	6

EXIT
MICE menu

#3 - 11 July 2016 18:36 - Nebrensky, Henry

- File ISISRunningParameters.png added

ISIS-to-EPICS transfer of values has been tested for items listed above - see ISISRunningParameters.png:

/home/epics/epicsPRO/Config/opi/e

ISIS Running Parameters

```

ISIS TS1 status : Off
ISIS TS1 rate : 0.0 Hz

ISIS TS2 status : Running
ISIS TS2 rate : 10.0 Hz

MICE Trips status : Off
MICE Masking Timer status : Off
MICE Targe Frame : Up

MICE Beam Bump Loaded : On
MICE Beam Bump Pulsing : Off

ISIS Rep. Rate: MICE : 6
ISIS Rep. Rate: Mask : 4
ISIS Rep. Rate: Mask : 4
  
```

Files

ISIS.png	17 KB	01 May 2015	Nebrensky, Henry
ISISRunningParameters.png	11.1 KB	11 July 2016	Nebrensky, Henry