

VME Intensity Monitor - Feature #11014

Milestone # 10477 (New): ANUB Startup

Feature # 9396 (Assigned): Beam Energy Loss Devices

BEL 1 hour and 5 min average and total devices

11/26/2015 11:18 AM - John Diamond

Status:	Closed	Start date:	11/26/2015
Priority:	Normal	Due date:	
Assignee:	John Diamond	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	10.00 hours
Description			
See:			
<ul style="list-style-type: none">• I:BEL5MA / R:BEL5MA• I:BEL1HA / R:BEL1HA• I:BEL1HT / R:BEL1HT			
Also, I:BTOTRS / R:BTOTRS which reset the hourly totals.			

History

#1 - 12/15/2015 01:06 PM - John Diamond

- Status changed from New to Assigned
- Assignee set to John Diamond
- % Done changed from 0 to 70

Implemented support for calculating the following in BELMachine:

- BELTOT - Total beam energy loss since last reset
- BEL5MA - Average BEL for each cycle over the last 5 minutes
- BEL1HA - Average BEL for each cycle over the last 1 hour
- BEL1HT - Total BEL over the last 1 hour

Need to implement accessors and create ACNET devices.

#2 - 12/15/2015 10:14 PM - John Diamond

- % Done changed from 70 to 90

Implemented the following accessors:

ACNET Device	SSDN DeviceID
m:BELnn	0x0020
m:BELNnn	0x0022
m:BEL	0x0024
m:BMLOST	0x0025
m:BELN	0x0026
m:BELTOT	0x0027
m:BEL1HT	0x0028
m:BEL5MA	0x0029
m:BEL1MA	0x002a

#3 - 12/16/2015 12:03 PM - John Diamond

- Status changed from Assigned to Closed
- % Done changed from 90 to 100

ACNET devices create, see: [ACNET_Devices](#)