

Instrumentation Drivers - Task #16712

Milestone # 16710 (Assigned): Commission nmltrg

Create ACNET devices

05/30/2017 11:28 AM - John Diamond

Status:	Closed	Start date:	05/30/2017
Priority:	Normal	Due date:	
Assignee:	John Diamond	% Done:	100%
Category:		Estimated time:	4.00 hours
Target version:		Spent time:	4.00 hours
Description			
Create ACNET devices for controlling both timing modules.			

History

#1 - 06/19/2017 12:49 PM - John Diamond

- File nmltrg_acnet_devices.tif added

Attaching a list of ACNET devices that I received from Brian. He also said that we can keep the existing Z: devices for the second trigger module as only the first module will be used for operations.

#2 - 06/19/2017 12:50 PM - John Diamond

Also -

Note that in the document Brian has specified default values for the Mux input and mode select.

#3 - 07/09/2017 10:08 AM - John Diamond

- % Done changed from 0 to 80

Created the following ACNET devices:

ACNET Device	Description	Scaling
N:TRGDEL	Trigger Delays (indexes 0-11) for board @ 0x1000	12.30769/1000 microseconds per clock tick
N:TRGMUX	Input MUX (indexes 0-11) for board @ 0x1000	Modified the following setting values for FAST: 0 = FirstPulse (was BES) 4 = 3MHz (was BSYNC1) 5 = Gate (was BSYNC2)
N:TRGINT	Timing interval	None
N:TRGNTR	Number of triggers	None
N:TRGOUT	Output select	Digital status and control bits defined

#4 - 07/10/2017 10:39 AM - John Diamond

- Status changed from Assigned to Closed

- % Done changed from 80 to 100

Devices were added to D150/FAST tab/Sub-page 5 & 6.
Added Mux register initialization commands to nmltrgstartup.

Files

nmltrg_acnet_devices.tif	23.4 KB	06/19/2017	John Diamond
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